

COLUMBIA COLLEGE UNDERGRADUATE CATALOG 2012-2013

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This catalog is published for the purpose of providing information about the College and its programs. Announcements contained herein are subject to change without notice and may not be regarded in the nature of binding obligations to the College. Columbia College reserves the right to change prices, curricula, policies and practices as described in this catalog as circumstances, efficiency of operation and fiscal contingencies may require.

Columbia College does not unlawfully discriminate on the basis of any status or condition protected by applicable federal or state law, including race, religion, gender, nationality, ethnicity, age, sexual orientation, marital status, veteran status or disability in the administration of its educational policies, admission, financial assistance, employment, educational programs or activities. The following office has been designated to handle inquiries regarding the non-discrimination policies: Office of Human Resources, Columbia College, 1001 Rogers St., Columbia, MO 65216 (telephone: 573-875-7495).



STATEMENT OF MISSION

Columbia College improves the lives of diverse undergraduate and graduate learners through exemplary teaching.

The liberal arts and sciences and professional programs of the College embrace and profess these values:

- Student-centrism
- Life long learning
- Ethics and citizenship
- Flexibility and innovation
- Quality and improvement
- Civility and respect
- Environmental and fiscal stewardship.

Vision: A model institution.

*Approved by the Board of Trustees
May 1, 2009*

DESCRIPTION

Columbia College, a private, coeducational institution, offers associate, baccalaureate and master's degrees that prepare students of differing backgrounds for entry level or advanced positions in various occupations and professions. Founded in 1851 by charter of the Missouri legislature and then named Christian Female College, Columbia College assumed its current name and became coeducational in 1970. Although it retains a covenant with the Christian Church (Disciples of Christ), Columbia College is a nonsectarian institution.

The College is accredited by the Higher Learning Commission and is a member of the North Central Association of Colleges and Schools and holds specialized accreditation in its Education program. Students may enroll in day, evening or online education classes at the home campus in Columbia, Missouri, or in its Adult Higher Education Division at one of the many Nationwide campuses.

Columbia College educates 25,000 students each year and has more than 70,000 Columbia College alumni.



Day Classes

2012-2013 Academic Calendar

Fall Semester (12/01) August 20 – December 13, 2012

Thurs	Mar 1	Priority Date for students to submit 2012-2013 FAFSA
Sun	Apr 1	Deadline for students to submit 2012-2013 FAFSA for Access Missouri Grant
Fri	Jun 1	Priority date for returning students to accept financial aid award
Sun	Jul 1	Priority date for new students to accept financial aid award Deadline for guaranteed housing for new and returning students who are registered full-time and have completed financial arrangements
Sun	Jul 15	Deadline for cancelling housing contract (if approved for off-campus living)
Mon	Jul 16	Registration begins for Non-Degree Seeking students
Wed	Aug 1	Deadline for finalizing financial arrangements and making first payment (if applicable) to hold Fall classes (course schedules will be canceled if payment is not made) Deadline for new student applications who are reviewed by the Admissions Review Committee Deadline to submit housing contract
Mon	Aug 6	Deadline for new students (including Non-Degree-Seeking) to apply for admission and returning students to apply for readmission (deadline does not apply to Program Transfers)
Tues	Aug 14	Orientation for new faculty, 8:00 am
Wed	Aug 15	Fall Faculty Conference, 8:30 am Early move-in for new residential students (with permission), 6:00 pm
Thurs	Aug 16	New students arrive (freshmen and transfer), 8:00-10:00 am; Residence halls open, 8:00 am; Orientation for new students and parents 10:00 am – 5:00 pm; New Student Pinning, 1:15 pm Registration Event: New students register for classes, 8:00-11:30 am
Sat	Aug 18	Welcome week activities begin
Sun	Aug 19	Last day to register before classes begin
Mon	Aug 20	Day classes begin, 8:00 am
Fri	Aug 24	Last day to register for classes; last day to add classes (both 16 weeks and 1st 8 weeks)
Mon	Aug 27	Last day to drop a course (both 16 weeks and 1st 8 weeks) without financial liability and academic record (not applicable to total withdrawal)
Mon	Sep 3	Labor Day Holiday: no classes; offices & library closed (library closed Sep 1-3)
Mon	Sep 17	Constitution Day
Fri	Sep 28	Last day to withdraw from day classes that meet during 1st eight weeks with grade of W
Mon	Oct 1	Priority date for students to submit FAFSA for Spring/Summer 2013
Fri	Oct 5	Athletics Hall of Fame Dinner

4 General Information

Sat	Oct 6	Homecoming/Family Day
Fri	Oct 12	Midterm; Day classes end that meet during 1st eight weeks
Mon	Oct 15	Day classes begin that meet during 2nd eight weeks
Tues	Oct 16	Midterm grades for all 100- and 200-level courses entered online by 12:00 pm
Fri	Oct 19	Fall Break: Day classes do not meet, offices and library open
		Last day to add day classes that meet during 2nd eight weeks
Mon	Oct 22	Last day to drop classes that meet during 2nd eight weeks
Thurs	Nov 1	Priority date for new students to accept financial aid award for Spring/Summer 2013
Sat	Nov 3	Preview Day: high school students visit campus
Nov	5-9	Advising Week: Students meet with advisor to determine Spring 2013 course schedule
Fri	Nov 9	Last day to withdraw from a day class with grade of W
Sun	Nov 11	Veterans Day
Mon	Nov 12	Registration for Spring 2013 begins for currently enrolled students
Fri	Nov 16	Fall Columbia Connection: new students and parents visit campus, 2:00-5:00 pm
Fri	Nov 16	Residence halls close at 6:00 pm (except by special arrangement)
Nov	19-23	Thanksgiving Break; day and graduate classes do not meet; evening classes meet Nov 19-20; offices and library open Nov 19-21, 8:00 am-5:00 pm; offices and library closed Nov 22-24; library open Nov 25, 2:00-10:00 pm
Sun	Nov 25	Residence halls open at 12:00 noon
Mon	Nov 26	Classes resume; last day to withdraw from day classes that meet during 2nd eight weeks with grade of W
Fri	Nov 30	Holiday Lighting Ceremony/Reception
Sat	Dec 1	Deadline for new student applications who are reviewed by the Admissions Review Committee Early Scholarship Day
Fri	Dec 7	Last day of day classes; last day to complete a total withdrawal from all classes enrolled in
Dec	10-13	Final examinations
Mon	Dec 10	Registration for Spring 2013 begins for Non-Degree Seeking students
Fri	Dec 14	Residence halls close at 12:00 noon (except by special arrangement)
Sat	Dec 15	Deadline for new students to submit housing contracts Deadline for guaranteed housing for new and returning students who are registered full-time and have completed financial arrangements COMMENCEMENTS, 12:00 pm and 3:30 pm Nurses' Pinning Ceremony, 2:00 pm
Thurs	Dec 20	Deadline for cancelling housing contract (if approved for off-campus living)
Dec 14 – Jan 13		Winter Class Break; offices and library open 8:00 am-5:00 pm, Monday-Friday
Mon	Dec 17	Final grades entered by 12:00 noon
Dec	24-25	Offices and library closed
Wed	Dec 26	Deadline for finalizing financial arrangements and making final payment (if applicable) to hold Spring classes. (Courses will be canceled if payment is not made.)

Wed	Jan 2	Deadline for new students (including Non-Degree-Seeking) to apply for admission and for returning students to apply for readmission (deadline does not apply to Program Transfers)
Dec 31 – Jan 1		Offices and library closed

Spring Semester (12/02) January 14 – May 9, 2013

Mon	Oct 1	Priority date for students to submit FAFSA for Spring/Summer 2013
Thurs	Nov 1	Priority date for new students to accept financial aid award for Spring/Summer 2013
Tues	Dec 1	Deadline for new student applications who are reviewed by the Admissions Review Committee
Mon	Dec 10	Registration for Spring 2013 begins for Non-Degree Seeking Students
Sat	Dec 15	Deadline for new students to submit housing contracts Deadline for guaranteed housing for new and returning students who are registered full-time and have completed financial arrangements
Wed	Dec 26	Deadline for finalizing financial arrangements and making final payment (if applicable) to hold Spring classes. (Courses will be canceled if payment is not made.)
Wed	Jan 2	Deadline for new students (including Non-Degree-Seeking) to apply for admission and for returning students to apply for readmission (deadline does not apply to Program Transfers)
Fri	Jan 11	Residence Halls open, 8:00 am Activities for new students begin: Orientation and new student pinning, 3:00-5:00 pm
Sun	Jan 13	Last day to register before Day classes begin
Mon	Jan 14	Day classes begin, 8:00 am
Thurs	Jan 17	Charter Day Celebration, 11:00 am
Fri	Jan 18	Last day to register for day classes; last day to add day classes (both 16 weeks and 1st 8 weeks)
Mon	Jan 21	Martin Luther King, Jr. Birthday observance, classes do not meet; offices and library closed
Tues	Jan 22	Last day to drop a day course (both 16 weeks and 1st 8 weeks) without financial liability and academic record (not applicable to total withdrawal)
Sat	Jan 26	Scholarship Day
Sat	Feb 2	Preview Day: high school students visit campus
Sat	Feb 16	Scholarship Day
Fri	Feb 22	Last day to withdraw from day classes that meet during 1st eight weeks with grade of W
Fri	Mar 1	Priority date for students to submit 2013-2014 FAFSA
Fri	Mar 8	Midterm; Day classes that meet during 1st eight weeks end
Mon	Mar 11	Day classes begin that meet during 2nd eight weeks
Tues	Mar 12	Midterm grades for all 100- and 200-level courses entered by 12:00 p.m.
Fri	Mar 15	Last day to add day classes that meet during 2nd eight weeks
Sat	Mar 9	Preview Day: high school students visit campus
Mon	Mar 18	Last day to drop day classes that meet during 2nd eight weeks without academic record
Fri	Mar 22	Residence halls close at 6:00 pm (except by special arrangement)
Mar 25 - 29		Spring Break begins; day and graduate classes do not meet; evening classes are in session

6 General Information

Sun	Mar 31	Residence halls reopen at 12:00 noon
Mon	Apr 1	Day and graduate classes resume Deadline for students to submit 2013-2014 FAFSA for Access Missouri Grant
Fri	Apr 5	Last day to withdraw from classes with a grade of W
Apr	8-12	Advising Week: Students meet with their advisor to determine their Fall 2013 course schedule.
Fri	Apr 12	Honors and Awards Convocation, 7:00 pm
Mon	Apr 15	Registration for Fall 2013 begins for currently enrolled students
Fri	Apr 19	Last day to withdraw from day classes that meet during 2nd eight weeks with grade of W
Sat	Apr 20	Columbia Connection: New students and parents visit campus
Tues	Apr 23	Student Affairs Banquet
Wed	Apr 24	Athletics Celebration of Excellence
Apr	26-28	Alumni Reunion Weekend
Fri	May 3	Last day of classes; Last day to complete a total withdrawal from all classes enrolled in
May	6-9	Final examinations
Fri	May 10	Residence halls close at 12:00 noon (except by special arrangement)
Sat	May 11	Ivy Chain, 9:30 am COMMENCEMENTS, 12:00 pm and 3:30 pm Nurses' Pinning Ceremony, 2:00 pm
Mon	May 13	Final grades entered by 12:00 noon

Summer Session I (12/35) June 03- July 27, 2013

Mon	Apr 29	Registration begins for returning seniors and new students
Wed	May 1	Registration begins for returning juniors
Thurs	May 2	Registration begins for returning sophomores
Fri	May 3	Registration begins for returning freshmen
Mon	May 6	Registration begins for Non-Degree Seeking students
Wed	May 22	Orientation for new evening students
Thurs	May 23	Military Recognition Day
Mon	May 27	Memorial Day Holiday; offices and library closed
Mon	Jun 3	Classes begin Library summer hours: Monday-Thursday, 8:00 am-10:00 pm; Friday, 8:00 am-8:00 pm; Saturday, 9:00-5:00 pm; Sunday, 2:00-10:00 pm
Fri	Jun 7	Last day to add classes
Mon	Jun 10	Last day to drop a course without academic record and financial liability
Fri	Jun 7	Columbia Connection: New students and parents visit campus
Thurs	Jul 4	Independence Day Holiday (no classes; offices and library closed)
Wed	Jul 10	Columbia Connection: New students and parents visit campus
Fri	Jul 12	Last day to withdraw from classes with grade of W
Wed	Jul 24	MW evening classes end
Thurs	Jul 25	TTh evening classes end
Tues	Jul 30	Columbia Connection: new students and parents visit campus

Evening Classes

2012-2013 Academic Calendar

August Session (12/31) August 20 – October 13, 2012

Mon	Jul 2	Registration begins for returning seniors and new students
Wed	Jul 4	Registration begins for returning juniors
Thurs	Jul 5	Registration begins for returning sophomores
Fri	Jul 6	Registration begins for returning freshmen
Mon	Jul 16	Registration begins for Non-Degree Seeking students
Wed	Aug 8	Evening Campus Faculty/Staff Picnic
Wed	Aug 15	Orientation for new evening students
Mon	Aug 20	MW classes begin
Tues	Aug 21	TTh classes begin
Fri	Aug 24	Last day to add classes
Mon	Aug 27	Last day to drop a course without academic record and financial liability
Mon	Sep 3	Labor Day Holiday: no classes; offices and library closed (library closed Sep 1-3)
Fri	Sep 7	Make-up date for MW classes
Fri	Sep 28	Last day to withdraw from classes with grade of W
Wed	Oct 10	MW classes end
Thurs	Oct 11	TTh classes end
Mon	Oct 15	Grades entered by 12:00 noon

October Session (12/32) October 22 – December 15, 2012

Mon	Sep 17	Registration begins for returning seniors and new students
Wed	Sep 19	Registration begins for returning juniors
Thurs	Sep 20	Registration begins for returning sophomores
Fri	Sep 21	Registration begins for returning freshmen
Mon	Oct 1	Registration begins for Non-Degree Seeking students
Wed	Oct 17	Orientation for new students
Mon	Oct 22	MW classes begin
Tues	Oct 23	TTh classes begin
Fri	Oct 26	Last day to add classes
Mon	Oct 29	Last day to drop a course without academic record and financial liability
Fri	Nov 2	Make-up for MW classes
Mon	Nov 12	Veterans Day/Military Recognition Day

8 General Information

Fri	Nov 9	Make-up for TTh classes
Nov	19-23	Thanksgiving Break; evening classes meet Nov 19-20; day and graduate classes do not meet; offices and library open Nov 19-21 8:00 am-5:00 pm; offices and library closed Nov 22-24; library open Nov 25, 2:00-10:00 pm
Mon	Nov 26	Classes resume
Fri	Nov 30	Last day to withdraw from classes with grade of W Holiday Lighting Ceremony/Reception
Wed	Dec 12	MW classes end
Thurs	Dec 13	TTh classes end
Sat	Dec 15	Nurses' Pinning Ceremony, 2:00 pm
Sat	Dec 15	COMMENCEMENT, 12:00 pm and 3:30 pm
Mon	Dec 17	Grades entered by 12:00 noon
Dec	24-25	Offices and library closed
Dec 31- Jan 1		Offices and library closed

January Session (12/33) January 14 – March 09, 2013

Mon	Nov 26	Registration begins for returning seniors and new students
Wed	Nov 28	Registration begins for returning juniors
Thurs	Nov 29	Registration begins for returning sophomores
Fri	Nov 30	Registration begins for returning freshmen
Mon	Dec 10	Registration begins for Non-Degree Seeking students
Wed	Jan 9	Evening Faculty Dinner/Meeting
Sat	Jan 12	Orientation for new students
Mon	Jan 14	MW classes begin
Tues	Jan 15	TTh classes begin
Fri	Jan 18	Last day to add classes
Mon	Jan 21	Martin Luther King, Jr. Birthday Observance; classes do not meet; offices and library closed
Tues	Jan 22	Last day to drop a course without academic record and financial liability
Fri	Jan 25	Make-up date for MW classes
Fri	Feb 22	Last day to withdraw from classes with grade of W
Wed	Mar 6	MW classes end
Thurs	Mar 7	TTh classes end
Mon	Mar 11	Grades entered by 12:00 noon
Mar	11-15	Spring break; evening classes do not meet; day and graduate classes do meet

March Session (12/34) March 18 – May 11, 2013

Mon	Feb 18	Registration begins for returning seniors and new students
Wed	Feb 20	Registration begins for returning juniors

Thurs	Feb 21	Registration begins for returning sophomores
Fri	Feb 22	Registration begins for returning freshmen
Mon	Feb 25	Registration begins for Non-Degree Seeking students
Mar	11-15	Spring Break; evening classes do not meet; day and graduate classes do meet
Thurs	Mar 14	Orientation for new students
Mon	Mar 18	MW classes begin
Tues	Mar 19	TTh classes begin
Fri	Mar 22	Last day to add classes
Mon	Mar 25	Last day to drop a course without academic record and financial liability
Fri	Apr 12	Honors and Awards Convocation, 7:00 pm
Fri	Apr 26	Last day to withdraw from classes with grade of W
Apr	26-28	Alumni Reunion Weekend
Wed	May 8	MW classes end
Thurs	May 9	TTh classes end
Sat	May 11	Ivy Chain, 9:30 am
Sat	May 11	Nurses' Pinning Ceremony, 2:00 pm
Sat	May 11	COMMENCEMENT, 12:00 pm and 3:30 pm
Mon	May 13	Grades entered by 12:00 noon

June Session I (12/35) June 03 - July 27, 2013

Mon	Apr 29	Registration begins for returning seniors and new students
Wed	May 1	Registration begins for returning juniors
Thurs	May 2	Registration begins for returning sophomores
Fri	May 3	Registration begins for returning freshmen
Mon	May 6	Registration begins for Non-Degree Seeking students
Wed	May 22	Orientation for new students
Thurs	May 23	Military Recognition Day
Mon	May 27	Memorial Day Holiday; offices and library closed
Mon	Jun 3	Classes begin Library summer hours: Monday-Thursday, 8:00 am-10:00 pm; Friday, 8:00 am-8:00 pm; Saturday, 9:00-5:00 pm; Sunday, 2:00-10:00 pm
Fri	Jun 7	Last day to add classes
Mon	Jun 10	Last day to drop a course without academic record and financial liability
Thurs	Jul 4	Independence Day Holiday (no classes; offices and library closed)
Fri	Jul 5	Make-up for TTh classes
Fri	Jul 12	Last day to withdraw from classes with grade of W
Wed	Jul 24	MW classes end
Thurs	Jul 25	TTh classes end

Graduate Classes

2012-2013 Academic Calendar

August Session (12/M31) August 20 – October 11, 2012

Mon	July 2	Registration begins for returning and new graduate students
Mon	Aug 20	Graduate classes begin
Fri	Aug 24	Last day to add classes
Mon	Aug 27	Last day to drop a course without academic record and financial liability
Mon	Sep 3	Labor Day Holiday; classes do not meet, offices and library closed (library closed Sep Sep 1-3)
Fri	Sep 28	Last day to withdraw from classes with grade of W
Thurs	Oct 11	Classes end
Mon	Oct 15	Grades entered by 12:00 noon

October Session (12/M32) October 15 – December 13, 2012

Mon	Sep 17	Registration begins for returning and new graduate students
Mon	Oct 15	Graduate classes begin
Fri	Oct 19	Last day to add classes
Mon	Oct 22	Last day to drop a course without academic record and financial liability
Nov	19-23	Thanksgiving Break; graduate and day classes do not meet; evening classes meet Nov 19-20; offices and library open Nov 19-21; offices and library closed Nov 22-24; library open Nov 25, 2:00-10:00 pm
Mon	Nov 26	Classes resume Last day to withdraw from classes with grade of W
Fri	Nov 30	Holiday Lighting Ceremony/Reception
Thurs	Dec 13	Classes end
Sat	Dec 15	COMMENCEMENTS, 12:00 pm and 3:30 pm
Mon	Dec 17	Grades entered by 12:00 noon
Dec	24-25	Offices and library closed
Dec 31 – Jan 1		Offices and library closed

January Session (12/M33) January 14 – March 7, 2013

Mon	Nov 26	Registration begins for returning and new graduate students
Mon	Jan 14	Graduate classes begin
Jan	18	Last day to add classes
Mon	Jan 21	Martin Luther King, Jr. Birthday observance; classes do not meet; offices and library closed

Tues	Jan 22	Last day to drop a course without academic record and financial liability
Fri	Feb 22	Last day to withdraw from classes with grade of W
Thurs	Mar 7	Classes end
Mon	Mar 11	Grades entered by 12:00 noon

March Session (12/M34) March 11 – May 9, 2013

Mon	Feb 18	Registration begins for returning and new graduate students
Mon	Mar 11	Graduate classes begin
Fri	Mar 15	Last day to add classes
Mon	Mar 18	Last day to drop a course without academic record and financial liability
Mar 25-29		Spring Break; graduate and day classes do not meet; evening classes are in session
Fri	Apr 19	Last day to withdraw from classes with grade of W
Apr	26-28	Alumni Reunion Weekend
Thurs	May 9	Classes end
Sat	May 11	COMMENCEMENTS, 12:00 pm and 3:30 pm
Mon	May 13	Grades entered by 12:00 noon

June Session (12/M35) June 3 – July 25, 2013

Mon	Apr 22	Registration begins for returning and new graduate students
Mon	May 27	Memorial Day Holiday; offices and library closed
Mon	Jun 3	Graduate classes begin Library summer hours: Monday-Thursday, 8:00 am-10:00 pm; Friday, 8:00 am-8:00 pm; Saturday, 9:00-5:00 pm; Sunday, 2:00-10:00 pm
Fri	Jun 7	Last day to add classes
Mon	Jun 10	Last day to drop a course without academic record and financial liability
Thurs	Jul 4	Independence Day Holiday; no classes; offices and library closed
Fri	Jul 5	Last day to withdraw from classes with grade of W
Thurs	Jul 25	Classes end
Mon	Jul 29	Grades entered by 12:00 noon

Online Education Classes

2012-2013 Academic Calendar

August Session (12/51) August 13 – October 06, 2012

Mon	Jul 2	Registration begins for graduate students, seniors, military members and new students
Wed	Jul 4	Registration begins for returning juniors
Thurs	Jul 5	Registration begins for returning sophomores
Fri	Jul 6	Registration begins for returning freshmen
Fri	Aug 10	Last day to register/add graduate classes
Mon	Aug 13	Classes begin
Fri	Aug 17	Last day to add undergraduate classes
Mon	Aug 20	Last day to drop classes without academic record and financial liability
Mon	Sep 3	Labor Day Holiday: Offices closed
Mon	Sep 17	Registration for October Session begins for graduate students, seniors, military members and new students
Wed	Sep 19	Registration for October Session begins for returning juniors
Thurs	Sep 20	Registration for October Session begins for returning sophomores
Fri	Sep 21	Registration for October Session begins for returning freshmen
Fri	Sep 21	Last day to withdraw from classes with grade of W
Sat	Oct 6	Classes end

October Session (12/52) October 22 – December 15, 2012

Mon	Sep 17	Registration begins graduate students, seniors, military members and new students
Wed	Sep 19	Registration begins for returning juniors
Thurs	Sep 20	Registration begins for returning sophomores
Fri	Sep 21	Registration begins for returning freshmen
Fri	Oct 19	Last day to register/add graduate classes
Mon	Oct 22	Classes begin
Fri	Oct 26	Last day to add undergraduate classes
Mon	Oct 29	Last day to drop classes without academic record and financial liability
Nov	22-25	Thanksgiving Break: Offices Closed
Mon	Nov 26	Registration for January Session begins for graduate students, seniors, military members and new students
Thurs	Nov 29	Registration for January Session begins for returning juniors
Thurs	Nov 29	Registration for January Session begins for returning sophomores
Fri	Nov 30	Registration for January Session begins for returning freshmen

Fri	Nov 30	Last day to withdraw from classes with grade of W
Sat	Dec 15	Classes end

January Session (12/53) January 14 – March 09, 2013

Mon	Nov 26	Registration begins graduate students, seniors, military members and new students
Wed	Nov 28	Registration begins for returning juniors
Thurs	Nov 29	Registration begins for returning sophomores
Fri	Nov 30	Registration begins for returning freshmen
Fri	Jan 11	Last day to register/add graduate classes
Mon	Jan 14	Classes begin
Fri	Jan 18	Last day to add undergraduate classes
Mon	Jan 21	Martin Luther King Jr. Birthday observance; offices closed
Tues	Jan 22	Last day to drop classes without academic record and financial liability
Mon	Feb 18	Registration for March Session begins for graduate students, seniors, military members and new students
Wed	Feb 20	Registration for March Session begins for returning juniors
Thurs	Feb 21	Registration for March Session begins for returning sophomores
Fri	Feb 22	Registration for March Session begins for returning freshmen
Fri	Feb 22	Last day to withdraw from classes with grade of W
Sat	Mar 9	Classes end

March Session (12/54) March 25 – May 18, 2013

Mon	Feb 18	Registration begins graduate students, seniors, military members and new students
Wed	Feb 20	Registration begins for returning juniors
Thurs	Feb 21	Registration begins for returning sophomores
Fri	Feb 22	Registration begins for returning freshmen
Fri	Mar 22	Last day to register/add graduate classes
Mon	Mar 25	Classes begin
Fri	Mar 29	Last day to add undergraduate classes
Mon	Apr 1	Last day to drop classes without academic record and financial liability
Mon	Apr 29	Registration for Summer Session begins for graduate students, seniors, military members and new students
Wed	May 1	Registration for Summer Session begins for returning juniors
Thurs	May 2	Registration for Summer Session begins for returning sophomores
Fri	May 3	Registration for Summer Session begins for returning freshmen
Fri	May 3	Last day to withdraw from classes with grade of W
Sat	May 18	Classes end

June Session (12/55) June 03 – July 27, 2013

Mon	Apr 29	Registration begins graduate students, seniors, military members and new students
Wed	May 1	Registration begins for returning juniors
Thurs	May 2	Registration begins for returning sophomores
Fri	May 3	Registration begins for returning freshmen
Mon	May 27	Memorial Day Holiday: Offices Closed
Fri	May 31	Last day to register/add graduate classes
Mon	Jun 3	Classes begin
Fri	Jun 7	Last day to add undergraduate classes
Mon	Jun 10	Last day to drop classes without academic record and financial liability
Thurs	Jul 4	Independence Day Holiday: Offices Closed
Mon	Jul 8	Registration for August Session begins for graduate students, seniors, military members and new students
Wed	Jul 10	Registration for August Session begins for returning juniors
Thurs	Jul 11	Registration for August Session begins for returning sophomores
Fri	Jul 12	Registration for August Session begins for returning freshmen
Fri	Jul 12	Last day to withdraw from classes with grade of W (ends close of business)
Sat	Jul 27	Classes end

COLLEGE PROFILE

- Classification:** Private, coeducational undergraduate and graduate-degree granting college with a liberal arts and sciences foundation. Carnegie Foundation classification: Master's Level College.
- Location:** Home campus in Columbia, Missouri (population 100,000 plus over 30,000 students at three separate colleges) on Interstate 70, halfway between St. Louis and Kansas City. Air service via major airline to Columbia Regional Airport. Nationwide campuses located throughout the United States and in Cuba: Alabama: Redstone Arsenal; California: Coast Guard Island, Lemoore, Los Alamitos, San Diego, San Luis Obispo; Cuba: Guantanamo Bay; Colorado: Denver; Florida: Jacksonville, Jacksonville Naval Air Station, Orlando, Patrick Air Force Base; Georgia: Fort Stewart, Hunter Army Air Field; Illinois: Crystal Lake, Elgin, Freeport, Lake County; Missouri: Christian County, Fort Leonard Wood, Jefferson City, Kansas City, Lake Ozark, Moberly, Rolla, St. Louis; New York: Fort Drum, Hancock Field; Oklahoma: Fort Sill; South Carolina: NWS Charleston; Texas: Fort Worth; Utah: Salt Lake City; Washington: Marysville, Whidbey Island.
- Degrees Conferred:** Associate in Arts, Associate in General Studies, Associate in Science, Bachelor of Arts, Bachelor of General Studies, Bachelor of Science, Bachelor of Fine Arts, Master of Arts in Teaching, Master of Business Administration, Master of Arts in Military Studies and Master of Science in Criminal Justice.
- School Code/ FICE #:** 002456
- Campus:** 26 buildings on a 33-acre campus four blocks from downtown Columbia, and also including a building in downtown.
- Library:** Print: Over 75,000 physical items including 200 print periodicals and 1,800 audio-visual items. Electronic: Over 90,000 e-books, 6,500 streaming videos and over 60 databases. Member of MOBIUS statewide consortium.
- Enrollment:** More than 1,000 full and part-time day students, representing 17 states and 27 foreign countries; more than 1,300 evening and graduate students and more than 15,000 Nationwide and Online students.
- Alumni:** More than 70,000 Columbia College alumni.
- Athletics:** Member, American Midwest Conference of the NAIA (men's and women's soccer and basketball; men's and women's cross country; men's and women's golf; women's volleyball, basketball and softball) and a variety of intramural sports.
- Accreditation/ Approvals:** Accredited by the Higher Learning Commission and a member of the North Central Association of Colleges and Schools. Approved for teacher preparation by the Missouri State Department of Elementary and Secondary Education. Associate in Science degree in Nursing approved by the Missouri State Board of Nursing, and is a candidate for accreditation with the National League for Nursing Accrediting Commission (NLNAC).

The Higher Learning Commission
 North Central Association of Colleges and Schools
 Commission on Institutions
 30 North LaSalle Street, Suite 2400
 Chicago, IL 60602-2504
 Telephone: 312/263-0456 or 1-800/621-7440
 E-mail: info@ncacihe.org

Department of Elementary and Secondary Education
 P.O. Box 480
 Jefferson City, MO 65102
 Telephone: 573/751-6504
 E-mail: mlucas@mail.dese.state.mo.us

Missouri State Board of Nursing
 3605 Missouri Boulevard
 P.O. Box 656
 Jefferson City, MO 65102-0656
 Telephone: 573/751-0681
 E-mail: <http://www.ecodev.state.mo.us/pr/nursing>

THE MAIN CAMPUS

Atkins-Holman Student Commons. Located at 1001 Rogers Street. Completed in 2004, this building is named for the parents of Linda Holman Atkins, Christian College alumna, and Thomas Atkins, Trustee Emeritus of Columbia College. The Commons houses Student Affairs offices, Student Health Services, The ADA Office, Barnes and Noble Bookstore, The Penny Carroll Braun Scholar's Alcove, a snack bar and coffee shop and a recognition gallery featuring distinguished alumni. It also provides study and lounge areas for both day and evening students.

Banks Hall. A residence hall completed in 1967, Banks houses 110 students in double rooms. There are community baths, special study rooms, and activity lounges on each floor. A computer lab is located on the second floor. Originally named North Hall and subsequently named in honor of Hartley Banks, Sr., chairman of the board and trustee from 1945 to 1971.

Bass Commons. Dedicated in 1978, the front campus area is a park-like setting and location for the Ivy Chain ceremony. Named in honor of Mary Machir Dorsey Bass, class of 1901.

Brown Hall. Constructed in 1995, this building houses studios for painting, design, ceramics, drawing, printmaking and photography, as well as art faculty offices. General classrooms, including the multimedia classroom, are also located on the lower level. Named in honor of Emma Jean Brown Ballew, class of 1923, to commemorate her generous bequest to the College.

Buchanan Hall. Constructed in 1977 and renovated in 2007, this building is named for Genevieve Koontz Buchanan, class of 1938, because of her generosity. This building provides general classrooms and student computer labs.

Columbia House. Located at 311 North Tenth Street, the building houses Student Support Services.

Cougar Village. Acquired in 2008, Cougar Village is located at 704 North Seventh Street. This fourteen unit apartment-style structure houses 54 students.

Dorsey Hall. Attached to the east wing of St. Clair Hall by an enclosed walkway, Dorsey Hall is primarily a classroom building, completed in 1911. Dorsey Hall also houses the chapel and the Jane Froman Studio. Dorsey Gym is used for receptions, conferences and other special events. Named through the benevolence of trustee Robert M. Stockton, for Jerimiah Spires Dorsey, trustee from 1863 to 1908.

Dulany Hall. Built in 1965, Dulany Hall contains dining facilities. It is also used as a multipurpose area for social functions and receptions and houses the Banquet Room, the Lee Room and the Cougar Room. Named for William H. Dulany, trustee from 1922 to 1948, in honor of his bequest to the College.

Federal Hall. Purchased in 2010 and located at 608 Cherry Street in downtown Columbia, this building houses the Online Education Center, which includes the offices of the Online Campus, and the Nursing Education Center, which includes a practice laboratory, classrooms and faculty offices.

Hertig Apartments. Located at 407 North Tenth Street. Acquired around 1990 and named for Mrs. Marion Hertig, a long-term faculty and staff member. This building houses two apartments used for short term visitor housing.

Hinshaw Building. Located at 710 Rangeline Street, this building houses two classrooms on the first floor and offices on the second.

Hughes Hall. Built in a traditional English design in 1939, Hughes Hall houses 72 women in double-room suites. Kitchen facilities are located on each floor and a formal parlor is on the main floor. A computer lab is also available on the main floor.

Kirkman House (music). Located at 410 North Tenth Street, the building houses the Division of Graduate Studies. A lounge and reading room are available for graduate studies as well as administrative and advising offices.

Larson Gallery. Dedicated in May 1996, Larson Gallery is located on the first floor of Brown Hall. It features periodic exhibitions of visual art including works from practicing artists and various collections. It is free and open to the public. Named in honor of distinguished professor emeritus Sidney Larson (Honorary Alumnus Class of 2001), an art faculty member for 50 years.

Launer Auditorium. Launer Auditorium, built in 1903 and attached to St. Clair Hall by an enclosed walkway, was renovated in 1992, 1997, and again in 2008. It seats over 500 for convocations and artistic performances. The lower level houses offices and workspace for Technology Services and the Technology Helpdesk. Named in 1972 in honor of Franklin B. Launer, the director of the conservatory of music for 37 years.

Miller Hall. Completed in 1960, Miller Hall is the largest residence hall on campus, housing 156 students in double-room suites connected by full baths. It contains kitchen facilities, study rooms and a computer lab. Named in honor of former president James C. Miller, who led the College from 1938 to 1956.

Missouri Hall. Completed in 1920 and renovated in 2006, Missouri Hall houses the Evening Campus offices, the Ousley Family Veterans Service Center, the Florence Larsh '49 Center for Registration and Financial Services, Andrew J. Bass Center for Admissions, Ether L. Bruce Math Center, Elizabeth Toomey Seabrook '42 Writing Center, the Grossnickle Career Services Center, the Carol Vinkemulder Frobish '49 Parlors, Don and Betty Landers English Parlor, Janet Carter Wright '58 Foyer, Frances Thompson Dillingham '29 Conference Room (First Floor), and the Diane (Berry '59) and David O'Hagan Conference Room (Third Floor). Also located within are Student Records and Transcripts, Enrollment Management, Accounting, Institutional Research and Payroll.

Owens Soccer Stadium. Named for R. Marvin Owens in recognition of his service to the College as a board member since 1975. Renovated in 2005.

Practice Hall. Located at 709 North Eighth Street and named for the original music building, Practice Hall houses music faculty, practice and rehearsal rooms and a small performance space.

Robnett-Spence Laboratories and Security Office. Built in 1969, Robnett-Spence houses science laboratories and the Security Office. Named to honor a gift from Mittie Robnett Spence, class of 1904, and housing the James L. "Bud" Walton Science Laboratories.

St. Clair Hall. The main administration building, St. Clair Hall was built in 1900 from pressed brick and Bedford stone in an Elizabethan style. Many administrative and faculty offices are located on the first and second floors. The third floor houses faculty offices, general classrooms and the college archive. Mail and print services is located on the garden level in addition to other administrative offices. Named to recognize the contributions and leadership of College presidents Luella St. Clair Moss and her husband, Frank St. Clair.

Soccer Locker. Purchased in 2009, this small building on Rangeline St. houses soccer locker and meeting space.

Southwell Complex. Dedicated in 1988, the Southwell Gymnasium is home to the Columbia College Cougar basketball and volleyball squads. Southwell also houses tennis courts, locker rooms and the sports information coordinator's office. An addition/arena was completed in Fall 2002. Named in recognition of a major gift from Virginia Southwell Singletary, class of 1939, a board of trustees member from 1968 until her death in 1989.

Southy Building. Built in 1986, this building houses athletic offices and the indoor fitness center. Named in recognition of a major gift from Virginia Southwell Singletary, class of 1939, a board of trustees member from 1968 until her death in 1989. The connector between Southy and Southwell is named The Gene and Fran Koepke Fitness Center. It was built in 2010 and houses a fitness center on three levels.

Stafford Library. Completed in fall of 1989, the J.W. "Stan" and Lois Stafford Library houses all library collections and audiovisual materials. The Curriculum Resource Center and one classroom are also located in this building.

Tenth Street Center. Located at 310 N. 10th, this building houses the offices of the Testing Center, Evaluations and Data Services.

Wightman Maintenance Building. This building houses the maintenance and housekeeping departments. Named in honor of Maurice Wightman, superintendent of grounds for 62 years.

Williams Hall. Purchased in 1851, Williams Hall is the oldest college building in continuous use for educational purposes west of the Mississippi River and has been designated a historic site. Previously the music building, Williams Hall now houses business administration faculty offices and general classrooms. Named in 1969 in honor of the first College president, John A. Williams.

Atkins-Holman Student Commons

Bookstore • Student Affairs • Cougar Cafe
Health Services • Counseling Services

Brown Hall

Larson Gallery • Classrooms

Dorsey Hall

Chapel • Jane Froman Studio • Classrooms

Dulany Hall

Dining Hall • Banquet, Cougar & Lee Room

Missouri Hall

Administrative Offices • Admissions • Evaluations
Registration and Financial Services
Evening Campus • Tutoring Center
Human Resources

Federal Hall

Online Campus • Nursing

Robnett-Spence

Campus Safety

St. Clair Hall

Administrative Offices • Alumni & Development
Academic Affairs • Faculty Offices • Classrooms
Mail and Print Services

Southwell

Arena • Courts

Southy

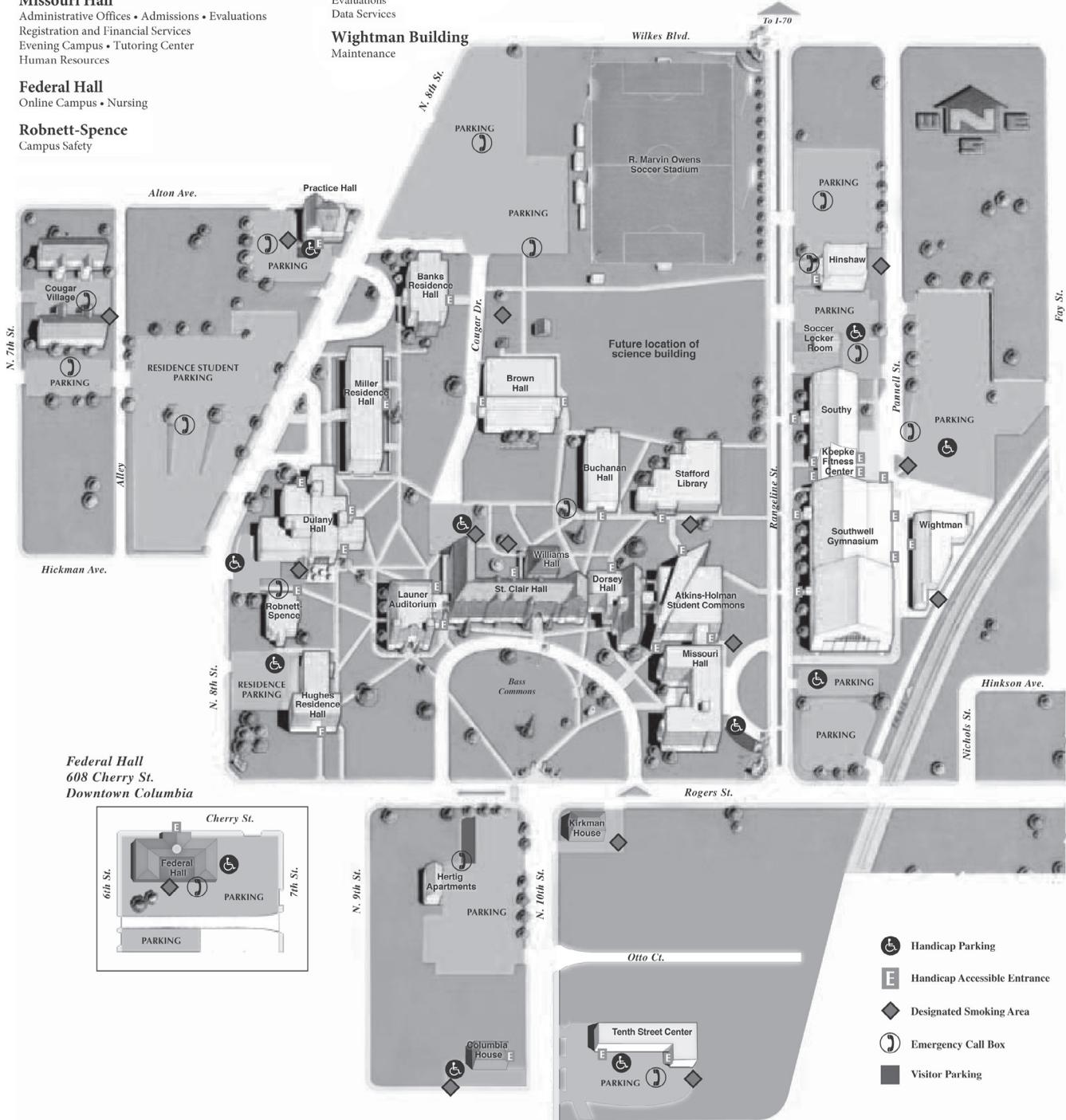
Athletic Department

Tenth Street Center

Testing Center
Evaluations
Data Services

Wightman Building

Maintenance



- Handicap Parking
- Handicap Accessible Entrance
- Designated Smoking Area
- Emergency Call Box
- Visitor Parking

ACADEMIC PROGRAMS

DEGREES, MAJORS AND CERTIFICATES OFFERED

ASSOCIATE IN ARTS

ASSOCIATE IN GENERAL STUDIES

ASSOCIATE IN SCIENCE in:

Business Administration
 Computer Information Systems
 Criminal Justice Administration
 Environmental Studies
 Fire Service Administration (offered through the Evening, Online and Missouri AHE Campuses)
 Human Services
 Nursing
 Pre-Engineering

BACHELOR OF ARTS with majors in:

American Studies

Art

Majors:

Ceramics
 Graphic Design
 Painting and Drawing
 Photography
 Printmaking

Biology

Business Administration

Majors:

Accounting
 Financial Services
 Healthcare Management
 Human Resource Management
 (Some courses must be taken online or through the Evening Campus)
 International Business
 Management
 Marketing
 Public Relations and Advertising
 Sports Management

Chemistry

Criminal Justice Administration

Certificate: Crime Scene Investigation

English

History

Human Services

Philosophy

Political Science

Psychology

Sociology

Speech Communication

BACHELOR OF FINE ARTS with a major in:

Art

Majors:

Ceramics
 Graphic Design
 Painting and Drawing
 Photography
 Printmaking

BACHELOR OF GENERAL STUDIES

BACHELOR OF GENERAL STUDIES FOR ELEMENTARY EDUCATION CERTIFICATION

BACHELOR OF SCIENCE with majors in:

Art

Majors:

Ceramics
 Graphic Design
 Painting and Drawing
 Photography
 Printmaking

Biology

Business Administration

Majors:

Accounting
 Financial Services
 Healthcare Management
 Human Resource Management
 (Some courses must be taken online or through the Evening Campus)
 International Business
 Management
 Marketing
 Public Relations and Advertising

Computer Information Systems

Computer Science

Criminal Justice Administration

Certificate: Crime Scene Investigation

Environmental Science

Forensic Science

Certificate: Crime Scene Investigation

Human Services

Management Information Systems

Mathematics

BACHELOR'S WITH DISTINCTION

(Applies to all Bachelor's degrees)

ACADEMIC DEPARTMENTS OF THE COLLEGE

Academic instruction is offered by faculty in ten academic departments:

Art
Business Administration
Computer and Mathematical Sciences
Criminal Justice Administration and Human Services
Education
History and Political Science
Humanities
Nursing
Psychology and Sociology
Science

DECLARATION OF MAJOR

Students are strongly encouraged to declare officially a major during the semester in which 48 to 60 semester hours are scheduled for completion.

Students interested in less specialization within a major; a broad, general baccalaureate education; or more than one major should select the Bachelor of Arts degree. Students who prefer to engage in extensive specialization in one subject area are advised to select the Bachelor of Science degree.

The Bachelor of Fine Arts (BFA) degree is a specialized degree designed specifically for students in art.

The Bachelor of General Studies is a degree designed for the student who desires a liberal arts and sciences bachelors degree without a major.

The Bachelor of General Studies for Elementary Education Certification is a degree option for students pursuing Elementary Education.

All majors require students to successfully complete a culminating educational experience in the form of a final capstone course prior to graduation.

DOUBLE MAJOR

A double major is defined as a single degree with two majors (both majors must be offered within a Bachelor of Arts or a Bachelor of Science degree). You cannot mix degrees in a double major. A double major may be earned if requirements for both declared majors are completed. No additional residency requirement is required. Majors and minors may not be added to an already earned degree.

DUAL DEGREES

A student wishing to earn a second baccalaureate degree at Columbia College must complete all the requirements for both degrees including at least **24 additional** semester hours within the last thirty-six hours in residence beyond the requirements for the first degree, for a total of 144 completed hours. A second Associate degree requires **15 additional** semester hours within the last twenty-four hours in residence beyond the requirements for the first degree, for a total of 75 completed hours. ("In residence" in this context means hours earned through Columbia College courses). Majors and minors may not be added to an already earned degree. Students earning dual degrees are required to pay two graduate fees.

Once a baccalaureate degree has been awarded the degree GPA is frozen. Subsequent coursework and grades will not be calculated as part of the initial degree GPA. Coursework completed as part of the initial degree may be repeated but the subsequent grade will not replace the initial grade. Both courses and grades will be reflected on the record and both will be calculated into the overall Columbia College GPA. Coursework which repeats credit applied toward an initial degree does not count towards the required 24 additional hours in residence for a subsequent degree.

FOCUSED BACCALAUREATE ACADEMIC SEQUENCE

A *Focused Academic Sequence* (FAS) is a sequence of study (minimum of two courses) for which there is no academic degree major, minor or certificate. The FAS can be developed and implemented to quickly and effectively respond to a student's specific needs.

In a formal business memorandum, addressed to the academic department chair(s), and jointly signed by the student and the faculty member working with the student, a FAS must be requested. A FAS request, taking the form of a specific educational objective, or objectives, and specification of the completed coursework necessary for meeting the objective, or objectives, must be approved by the chair(s) of the department(s) in which coursework is to be completed. The chair of the academic department in which the student is pursuing an academic major is responsible for monitoring the student's FAS progress, and for notifying the Executive Vice President and Dean for Academic Affairs (EVPDAA) when the FAS has been completed and a letter of

completion is justified. The EVPDAA issues the "Letter of Completion" and authorizes the Student Records and Transcript Office to enter notice of the letter in the student's academic transcript.

MINORS

A **minor** is defined as a course of study of at least 18 semester hours outside the student's major.

Academic minors may be earned in disciplines as specified by the department faculty. Requirements are a grade point average of 2.0 or higher for 18 or more semester hours. The Education Certification Minors require between 21-61 semester hours depending on the individual minor.

Courses for the minor may also meet general education or major requirements, and at least 9 of the required hours must be earned in Columbia College coursework. (Transfer courses equivalent to courses designated are accepted toward the minor.)

Majors and minors may not be added to an already earned degree.

In some curricular areas, the College offers courses totaling fewer than 18 semester hours. In these areas, students may earn additional semester hours through transfer credit and/or enrollment (through cross-enrollment) with the University of Missouri-Columbia and/or Stephens College (see chapter on Special Academic Programs) so the total semester hours earned meets the required number of hours.

SPECIFIC REQUIREMENTS FOR MINORS:

ACCOUNTING: ACCT 280 Accounting I, ACCT 281 Accounting II; and 12 upper-level semester hours of courses with an ACCT field code or ACCT 280, ACCT 281, FINC 396 Corporate Finance, and 9 upper-level semester hours of courses with an ACCT field code.

AMERICAN SIGN LANGUAGE: Twenty-four hours in American Sign Language to include: AMSL 101 American Sign Language I, AMSL 102 American Sign Language II, AMSL 201 American Sign Language III, AMSL 202 Deaf Culture, AMSL 301 American Sign Language IV, AMSL 302 American Sign Language V, AMSL 303 American Sign Language Grammar, AMSL 304 Linguistics of American Sign Language.

ANTHROPOLOGY: Eighteen hours from the following courses:

A. Required Courses (12 semester hours):

ANTH/GEOG 101	Introduction to Geography	3 hrs
ANTH/SOCI 112	General Anthropology	3 hrs
ANTH 212	Cultural Anthropology	3 hrs
ANTH/SOCI/PSYC 327	Qualitative Research Methods	3 hrs

B. Electives (6 hours from the following):

ANTH/HIST 235	History and Democracy in the Modern Middle East	3 hrs
ANTH/SOCI 270	Minority Cultures and Relations	3 hrs
ANTH/SOCI/WMST 336	Global Perspectives on Women & Development	3 hrs
ANTH/SOCI 341	Sociology and Anthropology of Religion	3 hrs
ANTH/SOCI 412	Slavery & Human Trafficking: Past & Present	3 hrs

ART (STUDIO): ARTS 120 Drawing I, ARTS 130 Painting I, ARTS 140 2-D Design, plus nine additional semester hours of Studio Art courses. Studio art courses are those (such as painting, graphic design, photography, printmaking, and ceramics) in which students produce a product. Such courses contrast with, for example, those concerning the history or appreciation of art.

ART (HISTORY): Eighteen hours of art history courses, including at least 9 semester hours in courses above the 200-level in Art History.

BIOLOGY: Eighteen semester hours of biology courses at the 110 level and above including at least 8 semester hours of 300- or 400-level coursework.

BUSINESS: Eighteen semester hours of courses including coursework in at least four of the business field codes (ACCT, CISS, ECON, FINC, MGMT, MKTG). Twelve of the 18 hours must be upper-level.

CHEMISTRY: Eighteen semester hours in chemistry to include CHEM 306 (5 hrs) and 13 additional semester hours of chemistry courses at the level of 200 or above. BIOL/CHEM/ENVS 395 and CHEM 490 do not count toward the 13 semester hours.

COMPUTER INFORMATION SYSTEMS: CISS 170 Introduction to Computer Information Systems and 15 additional semester hours of courses with a CISS field code, including at least one programming language course.

COMPUTER SCIENCE: (20-21 semester hours)

A. Required Courses (14-15 hours):

CISS 240	Introduction to Programming <u>or</u>	4 hrs
CISS 241	Programming I <u>and</u>	3 hrs
CISS 242	Programming II	3 hrs
CISS 245	Advanced Programming <u>or</u>	4 hrs
CISS 243	Programming III	3 hrs
CISS 350	Advanced Algorithms and Data Structures	3 hrs
MATH 225	Discrete Mathematics I	3 hrs

B. Electives (6 hours):

CISS 445	Programming Languages <u>or</u>	3 hrs
CISS 420	Computer Architecture <u>or</u>	3 hrs
CISS/MATH 362	Introduction to Automata Theory, Languages and Computation	3 hrs
300- or 400-level CISS course <u>or</u>		
MATH 325	Discrete Mathematics II	3 hrs

CRIMINAL JUSTICE ADMINISTRATION: CJAD 101 Introduction to Criminal Justice Administration; CJAD 405 Laws of Criminal Evidence or CJAD 406 Expert and Scientific Evidence or CJAD 415 Criminal Procedures; and twelve additional hours of courses with a CJAD field code.

CRIMINOLOGY (18 semester hours):

Required Courses

SOCI 111	General Sociology	3 hrs
SOCI 216	American Social Problems	3 hrs
SOCI 218	Social Deviance	3 hrs
SOCI 321	Criminology	3 hrs
SOCI 331	Juvenile Delinquency	3 hrs
SOCI/HUMS 365	American Social Policy	3 hrs

ECONOMICS: Eighteen semester hours of courses to include ECON 293 Macroeconomics, ECON 294 Microeconomics, ECON 393 Intermediate Macroeconomics, ECON 394 Intermediate Microeconomics, ECON/FINC 395 Financial Markets and Institutions, ECON/FINC 495 International Finance.

EDUCATION, GENERAL: Eighteen semester hours of courses with an EDUC field code or a three

semester-hour psychology course that is required in the education certification sequence and 15 semester hours of courses with an EDUC field code.

EDUCATION CERTIFICATION: The Education Certification Minor is a specific program of study on the following areas: Art Education K-12, Elementary Education 1-6, Middle School Education 5-9, and Secondary Education 9-12.

ELEMENTARY EDUCATION CERTIFICATION CONTENT AREA MINORS

The following content area minors are limited to students pursuing the Bachelor of General Studies for Elementary Education Certification. Students must complete all minors:

Language Arts: COMM 110 Introduction to Speech; ENGL 112 English Composition II; EDUC 270 Literature for Children and Adolescents; EDUC 331 Teaching of Reading; EDUC 336 Creative and Language Arts in Elementary and Middle Schools; EDUC 338 Teaching Reading in the Content Area; and EDUC 380 Diagnostic and Corrective Reading

Mathematics: CISS 170 Introduction to Computer Information Systems or CISS 176 Introduction to Computer Science; EDUC 358 Teaching Mathematics in the Elementary School; MATH 102 Mathematics for the Elementary School Teacher; MATH 150 College Algebra; MATH 170 Finite Mathematics; and two MATH electives (6 hours).

Science: BIOL/ENVS 115 Introduction to Environmental Science; BIOL/ENVS 115L Introduction to Environmental Science Laboratory; CHEM/PHYS 108 Physical Science Survey; CHEM/PHYS 108L Physical Science Survey Laboratory; EDUC 105 Human Health; GEOL 110 Introduction to Physical Geology; BIOL 110 Principles of Biology or BIOL 108 Human Biology; and GEOL 110L Introduction to Physical Geology Laboratory or BIOL 110L Principles of Biology Laboratory or BIOL 108L Human Biology Laboratory.

Social Studies: ANTH/GEOG 101 Introduction to Geography; EDUC/PSYC 230 Educational Psychology; EDUC 390 Education & Psychology of the Exceptional Child; EDUC/PSYC 391 Child Psychology; ECON 293 Macroeconomics; PSYC 101 General Psychology; ANTH/SOCI 270 Minority Cultures and Relations; and two courses

chosen from the following: HIST 101 Western Civilization I; HIST 102 Western Civilization II; HIST 121 American History to 1877; HIST 122 American History Since 1877; HIST 111 World History to 1500; OR HIST 112 World History since 1500.

ENGLISH: Eighteen semester hours of English courses excluding ENGL 111 English Composition I and below. Six semester hours must be 300- or 400-level ENGL courses.

ENVIRONMENTAL SCIENCE (Total 18 hrs):

A. Required Courses (11 hrs)

ENVS/BIOL 115	Introduction to Environmental Science	3 hrs
ENVS/BIOL 115L	Introduction to Environmental Science Laboratory	2 hrs
ENVS/BIOL 320	Ecology	3 hrs
CHEM 109	Chemistry for Biological and Health-Related Sciences <u>or</u>	3 hrs
CHEM 110	Chemistry 1	3 hrs

B. Electives (7 hrs)

Electives must be selected from the following list
(3 hours must be from 300- or 400-level courses):

BIOL 110	Principles of Biology I	3 hrs
BIOL 110L	Principles of Biology I Lab	2 hrs
CHEM 111L	Introductory Chemistry Laboratory Experience (when taken with CHEM 109 or CHEM 110)	2 hrs
BIOL/ENVS 222	Conservation Biology	3 hrs
BIOL 342	Genetics	3 hrs
BIOL 410	Molecular Biotechnology	3 hrs
BIOL/ENVS 300	Evolution	3 hrs
ENVS/GEOG 220	Introduction to Atmospheric Sciences	3 hrs
ENVS/GEOG 251	Resource Management	3 hrs
ENVS 390	Culminating Experience in Environmental Studies	1 hr
ENVS 233/333/433	Topics	3 hrs

ETHICS (Total 18 hrs):

A. Required Course (3 hrs)

PHIL 330	Ethics	3 hrs
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B. Electives (15 hrs)

Electives must be selected from the following courses:

CJAD 345	Ethics and Morality in Criminal Justice	3 hrs
EDUC 200	Law, Ethics and Education	3 hrs
ENGL 331	Ethical Issues in Literature	3 hrs
HNRS 340	Schiffman Ethics Lecture	3 hrs

MGMT 368	Business Ethics	3 hrs
PHIL/ENVS 332	Environmental Ethics	3 hrs
PHIL/POSC 402	Classical Political Philosophy	3 hrs
PHIL/POSC 403	Modern Political Philosophy	3 hrs
PHIL 460	Biomedical Ethics	3 hrs
SOCI 460	Classical Social Theory	3 hrs
	Theory	
SOCI 470	Contemporary Social Theory	3 hrs

FILM STUDIES (Total 18 hrs):

A. Required Courses (12 hrs)

ARTS 374	Digital Filmmaking	3 hrs
COMM 224	Film History & Analysis	3 hrs
COMM/ENGL 304	Introduction to Screen Writing	3 hrs
COMM 324	Film Styles & Genre:	3 hrs

B. Electives (6 hrs):

Six hours from the following courses:

ARTS 150	Creative Photography I	3 hrs
ARTS 354	Digital Imaging	3 hrs
COMM 214	Mass Communication in Society	3 hrs
COMM 220	Introduction to Theatre	3 hrs
COMM 334	Political Economy of Film & Media	3 hrs
COMM 344	Visual Communication and Culture	3 hrs
ENGL 310	Creative Writing:	3 hrs

FINANCE: ACCT 280 Accounting I and ACCT 281 Accounting II, FINC 350 Business Finance, and 9 additional semester hours of courses with a FINC field code or ACCT 280, ACCT 281, ACCT 386 Managerial and Cost Accounting, FINC 350 Business Finance, and 6 additional semester hours of courses with a FINC field code.

GEOGRAPHY: Eighteen semester hours of geography courses, of which 3 hours may be counted from GEOL 110 or ENVS/GEOG 220 or ENVS/BIOL 115.

GRAPHIC DESIGN: Eighteen semester hours of Art courses to include: ARTS 140 2-D Design, ARTS 216 Graphic Design I, ARTS 316 Graphic Design II, ARTS 354 Digital Imaging, ARTS 416 Graphic Design III, and ARTS 150 Creative Photography I or ARTS 152 Digital Photography.

HISTORY: Eighteen semester hours with the HIST field code, of which twelve hours of coursework must be at the 200-level or above; at least one course must be HIST 101, HIST 102, HIST 111 or HIST 112; at least one course must be HIST 121 or HIST 122.

HUMAN SERVICES:**A. Required Courses (12 hrs)**

HUMS 105	Introduction to Human Services	3 hrs
HUMS 250	Working with Individuals	3 hrs
HUMS 335	Working with Groups	3 hrs
HUMS 340	Working with Families	3 hrs

B. Three hours from one of the following

HUMS 300	Exploring Research	3 hrs
HUMS 365/SOCI 365	American Social Policy	3 hrs
HUMS 435	Working with Communities and Organizations	3 hrs
SOCI/ANTH 270	Minority Cultures and Relations	3 hrs

C. Human Services Elective 3 hrs

INTERGENERATIONAL STUDIES: An interdisciplinary minor providing students from varying academic disciplines with the theoretical, methodological, and practical skills necessary to work in the burgeoning field of Intergenerational Studies, which focuses on the benefits of bringing the geriatric population and children together. This program emphasizes knowledge of human development across the life span, knowledge of research and policy in the field of child development and geriatrics, an understanding of the societal demographics that necessitate the need for such programs, and finally, will emphasize significant sociological research on “bridging” the relationship, those that work to hold communities together.

A. Required Courses (18 hours)

EDUC/PSYC 391	Child Psychology	3 hrs
HUMS/SOCI 350	Social Gerontology	3 hrs
HUMS/SOCI 365	American Social Policy	3 hrs
HUMS 390	Child Welfare	3 hrs
PSYC 330	Lifespan Developmental Psychology	3 hrs
SOCI 111	General Sociology	3 hrs

B. Three hours from one of the following:

HUMS 340	Working with Families	3 hrs
PHIL 460	Biomedical Ethics	3 hrs
PSYC 395	Adult Psychology	3 hrs
SOCI 214	Family	3 hrs

INTERNATIONAL RELATIONS: The minor in International Relations is designed to provide students with a multidisciplinary approach to the understanding of international affairs. The core requirements emphasize the fundamental structural features of the international system and the nature of interactions among actors (states, international organizations, non-governmental organizations, etc.) at the international level. The International Relations minor will be especially

useful to students preparing for careers in public service, international organizations and international business, or preparing for graduate study in the field of International Relations or Political Science. Students preparing for this minor are strongly encouraged to take ECON 293 Macroeconomics and HIST 112 World History Since 1500.

A. Required Courses (6 hrs)

POSC 292	International Relations	3 hrs
POSC 326	International Law and Organization <u>or</u>	3 hrs
POSC 360	U.S. Foreign Policy	3 hrs

B. Comparative Political Systems (6 hrs)

Choose a minimum of two courses from this category.

POSC 317	Politics of Russia and Eurasia	3 hrs
POSC 321	Politics of Developing Nations	3 hrs
POSC 331	European Politics	3 hrs
POSC 353	Asian Politics	3 hrs
POSC 333	Topics: “Area of Study” *	

* The requirements for this category can also be met with one or more appropriate sections of POSC Topics: in regional area studies. Examples of acceptable courses include Latin American Politics, African Politics, Middle Eastern Politics, etc.

C. Electives (6 hrs)

Choose a minimum of two courses from this category. Up to three semester hours of foreign language or Culture and Society credit, can be applied toward the electives requirement. Students may count a maximum of 6 semester hours for both their major and their minor.

ANTH/HIST 235	History & Democracy of the Modern Middle East	3 hrs
ECON/FINC 495	International Finance	3 hrs
ENGL 234	World Literature II	3 hrs
HIST 234	History of Latin America	3 hrs
HIST 312	American Diplomatic History	3 hrs
HIST 314	Modern China	3 hrs
HIST 316	Modern Japan	3 hrs
HIST 336	Twentieth Century Europe	3 hrs
HIST/PHIL 340	Philosophy of Revolution	3 hrs
MGMT 338	International Business	3 hrs
MGMT 339	Cross-Cultural Management	3 hrs
MKTG 410	Global Marketing	3 hrs
PHIL/RELI 202	Introduction to Eastern Philosophies and Religions	3 hrs

POSC 326 International Law and Organization	<u>or</u>	3 hrs
POSC 360 U.S. Foreign Policy		
POSC 370 Dynamics of Terrorism		3 hrs

JEWELRY: Eighteen semester hours of Art courses to include: ARTS 140 2-D Design, ARTS 141 3-D Design, ARTS 292 Jewelry I, ARTS 394 Jewelry II, ARTS 396 Jewelry III, ARTS 498 Jewelry IV.

LEGAL STUDIES: The minor in Legal Studies familiarizes students with legal ideas, processes and institutions in a liberal arts framework. The minor also helps prepare students for the further study of law. It is also valuable to any students wanting to develop their ability to think clearly and analyze ideas critically.

A. Required Courses (6 hrs)

PHIL 210 Logic & Critical Thinking	3 hrs
POSC 340 Judicial Process	3 hrs

B. Legal Focus (6 hrs)

Choose a minimum of two courses from this category:

CJAD 415 Criminal Procedures	3 hrs
CJAD 425 Legal Research and Writing	3 hrs
MGMT 265 Business Law I	3 hrs
PHIL/POSC 430 Philosophy of Law	3 hrs

C. Analytical Focus (6 hrs)

Choose a minimum of two courses from this category:

COMM 323 Advanced Public Speaking and Persuasion	3 hrs
CJAD/POSC 233/333 Mock Trial	1 hr
ENGL 331 Ethical Issues in Literature	3 hrs
PHIL 201 Introduction to Western Philosophy	3 hrs
POSC 440 Constitutional Law	3 hrs

MANAGEMENT: Eighteen semester hours (twelve of which must be upper-level) of courses with a MGMT field code including MGMT 330 Principles of Management and MGMT 393 Business Information Systems.

MARKETING: Eighteen semester hours of courses with a MKTG field code (twelve of which must be 300- or 400-level courses). Required courses include: MKTG 310 Principles of Marketing, MKTG 331 Consumer Behavior, MKTG 441 Marketing Research, MKTG 478 Marketing Management and six semester hours of marketing courses with a MKTG field code.

MATHEMATICS: Eighteen semester hours of mathematics courses at the level of 180 and

above including MATH 201 and MATH 222 and at least 6 semester hours of 300- or 400-level coursework.

MUSIC: Eighteen semester hours, 9 of which must be selected from MUSI 102 Music Fundamentals, MUSI 122 Music Appreciation, MUSI 322 Masterpieces of Music, and MUSI 323 Music of the United States, plus 6-9 hours of Ensemble and Applied Music, (3-6 hours of private lessons).

PHILOSOPHY: Eighteen semester hours of courses with a PHIL field code.

PHOTOGRAPHY: Eighteen semester hours of Art courses to include: ARTS 150 Creative Photography I, ARTS 252 Creative Photography II, ARTS 353 Creative Photography III, ARTS 454 Creative Photography IV, ARTS 374 Digital Filmmaking and ARTS 152 Digital Photography or ARTS 354 Digital Imaging.

POLITICAL SCIENCE: Eighteen semester hours of political science courses including POSC 111 American National Government and POSC 292 International Relations plus 12 additional semester hours of coursework above the 100-level.

PSYCHOLOGY: Eighteen semester hours of courses with a PSYC field code.

RELIGIOUS STUDIES: RELI 101 and an additional fifteen hours of courses with a RELI field code.

ROTC: Eighteen semester hours of courses with a field code of ASCI (Aerospace Studies) or NSCI (Naval Science) or MSCI (Military Science).

SOCIOLOGY: Eighteen semester hours of courses with a SOCI field code.

SPANISH: Eighteen semester hours of courses with a SPAN field code to include SPAN 101 and SPAN 102.

SPEECH COMMUNICATION: Eighteen semester hours of Speech Communication (COMM) courses excluding COMM 110. Twelve hours must be from 300- or 400-level courses.

WOMEN'S STUDIES:

A. Required Courses (9 hrs)

Students must take the following three courses in order to fulfill the Women's Studies minor. Students pursuing a Women's Studies minor are strongly encouraged to take SOCI 111 General Sociology.

WMST/SOCI 210 The Sociology of Gender	3 hrs
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WMST/SOCI 310 Women & Society	3 hrs
WMST/ANTH/SOCI 336 Global Perspectives on Women and Development	3 hrs

B. Electives (9 hrs)

Students must take a minimum of nine hours from the following list of courses.

EDUC 105 Human Health	3 hrs
COMM 380 Performance Studies	3 hrs
PSYC/SOCI 385 Human Sexuality	3 hrs
SOCI 214 Family	3 hrs
SOCI/ANTH 270 Minority Cultures and Relations	3 hrs
SOCI 421 Class, Status and Power	3 hrs
WMST/HIST 322 Women & Gender in European History	3 hrs
WMST 333 Topics: "Gender Related"	1-3 hrs
WMST/COMM 343 Gender Communication	3 hrs
WMST/HIST 373 Women and Gender in American History	3 hrs
WMST/SOCI 485 Feminist Theory & Methodology	3 hrs

GENERAL EDUCATION

General education at Columbia College is an essential part of every student's program of study. General education explores and promotes understanding of the interrelationship among the liberal arts and sciences including the arts, history, humanities, mathematics, and the natural, social and behavioral, and computer sciences. General education provides a foundation for the student to pursue lifelong learning and involved citizenship in the human community.

These studies broaden and deepen understanding of the world through free and critical inquiry. A general education encourages creativity and the discovery, acquisition and application of knowledge in the pursuit of excellence.

At Columbia College teaching and learning come together to create diverse educational experiences, opportunities for responsible reflection, intellectual growth, intensive writing, critical thinking and cultural awareness. Taken together these attributes help define a Columbia College student.

GOALS

General education courses:

- explicitly include significant writing and speaking components;
- encompass appropriate ways to embrace material from other disciplines;
- foster and develop a sense of the power of diversity and cultural pluralism; and
- stress the meaning, use and value of critical thinking skills.

AREAS OF STUDY

ARTS

The study of the arts examines the ways in which individuals have expressed themselves creatively. Critical appreciation for content and form enriches how one perceives and articulates experience.

HISTORY

The study of history provides knowledge about the past and enriches cultural understanding. Understanding people, places and events through time informs a sense of continuity and change.

HUMANITIES

Through the humanities, students develop rigorous thinking about, understanding of and appreciation for significant forms of human communication and expression. English, communication, music, philosophy and religious studies expand students' awareness of the world around them, past and present. The humanities offer students a basis for understanding the human condition and human experience of values, beliefs and intellectual endeavors.

MATHEMATICS

The study of mathematics develops facility for critical thought, introduces a universal language that is the foundation for multiple disciplines and encourages clarity and succinctness of expression.

NATURAL SCIENCES

Natural sciences link experiment and observation with the practices of mathematics for the interpretation of natural phenomena. Through general introductions and laboratory experiences in astronomy, biology, chemistry, geology and physics, the achievements of these disciplines foster an awareness and understanding of the world and universe in which the individual lives.

SOCIAL AND BEHAVIORAL SCIENCES

The study of the social and behavioral sciences includes the fields of economics, geography, political science, psychology, anthropology and sociology. These disciplines present contemporary methodological and conceptual models for assessing, constructing, maintaining and altering individual and social processes.

COMPUTER SCIENCE

The study of computer science exposes students to technology that is increasingly part of the human experience. The interconnectedness of the world necessitates informed consideration of computer use and an understanding of its capabilities and limitations.

BASIC STUDIES

Basic studies courses serve the student by supplying critical thinking skills, knowledge and techniques that enhance and enrich subsequent coursework. They provide necessary preparation for success in whatever area of study the student chooses. **All basic studies courses must be completed with a grade of C or higher.**

Full-time Day Program students must:

1. complete all basic studies courses in the first 60 hours; ¹ and
2. be continuously enrolled in an English composition or math course until ENGL 112 and MATH 150 or higher level math course have been successfully completed.

CISS 170 Introduction to Computer Information Systems **or**

CISS 176 Introduction to Computer Science

COMM 110 Introduction to Speech

ENGL 112 English Composition II

MATH 150 College Algebra **or**

MATH 170 Finite Mathematics **or**

MATH 180 Precalculus **or**

MATH 201 Calculus and Analytic Geometry I **or** MATH 215 Differential Calculus

12-14 hrs

INTRODUCTORY STUDIES

Introductory studies provide the student a varied and rich learning experience that is the essence of a liberal arts and sciences education. These courses provide a foundation for advanced studies regardless of major. Students who begin ~~their~~ studies with Columbia College or who transfer to Columbia College with 36 or fewer hours from other institutions will complete the Classical program of study. Students who transfer to Columbia College with more than 36 hours at the time of initial transfer may elect to pursue either the Classical program of study or the Optional program of study. Students who complete the Preferred program will have this accomplishment noted on their transcripts when they graduate:

“In partial fulfillment of the requirements for the degree, this student completed a classical program of general education study.”

CLASSICAL PROGRAM OF STUDY

Students must select two courses, with a minimum of six hours, from each of the following areas, except for the Natural Sciences and Mathematics area.

History

HIST 101 Western Civilization I **or**

HIST 111 World History to 1500

HIST 102 Western Civilization II **or**

HIST 112 World History Since 1500

HIST 121 American History to 1877

HIST 122 American History Since 1877

Arts and Humanities

ARTS 105 Art Appreciation

ARTS 111 Art and Ideas I

ARTS 112 Art and Ideas II

COMM 203 Understanding Human Communication

COMM 224 Film History and Analysis

ENGL 123 Introduction to Mythology and Folklore

ENGL 210 Introduction to Fiction

ENGL 211 Introduction to Poetry

ENGL 212 Introduction to Drama

ENGL 231 English Literature I

ENGL 232 English Literature II

ENGL 241 American Literature I

ENGL 242 American Literature II

ENGL 263 World Literature I

ENGL 264 World Literature II

MUSI 122 Music Appreciation

PHIL 201 Introduction to Western Philosophy

PHIL 202 Introduction to Eastern Philosophies and Religions

PHIL 210 Logic and Critical Thinking

RELI 101 Religion and Human Experience

RELI 202 Introduction to Eastern Philosophies and Religions

Natural Sciences and Mathematics

Students may elect to take two science lecture courses, or a mathematics course and a science lecture course, or a science lecture and associated lab course totalling not less than five hours, to satisfy the Natural Sciences and Mathematics portion of the requirement.

ASTR 108 Introduction to Astronomy

BIOL 108 Human Biology

BIOL 108L Human Biology Laboratory (2)

BIOL 110 Principles of Biology I

BIOL 110L Principles of Biology I Laboratory (2)

¹ Transfer students who are near or beyond the 60-hour mark may apply for appropriate exemptions.

BIOL 115	Introduction to Environmental Science
BIOL 115L	Introduction to Environmental Science Laboratory (2)
CHEM 108	Physical Science Survey
CHEM 108L	Physical Science Survey Laboratory (2)
CHEM 109	Chemistry for Biological and Health-Related Sciences
CHEM 110	Chemistry I
CHEM 111L	Introductory Chemistry Laboratory Experience (2)
ENVS 115	Introduction to Environmental Science
ENVS 115L	Introduction to Environmental Science Laboratory (2)
GEOL 110	Introduction to Physical Geology
GEOL 110L	Introduction to Physical Geology Laboratory (2)
MATH 201	Calculus and Analytical Geometry I or
	MATH 215 Differential Calculus (cannot meet both a Basic Studies requirement and a Natural Sciences/Mathematics G.E. requirement)
MATH 250	Statistics I
PHYS 108	Physical Science Survey
PHYS 108L	Physical Science Survey Laboratory (2)
PHYS 111	College Physics I
PHYS 111L	Physics I Laboratory (2)

Social and Behavioral Sciences

ANTH 101	Introduction to Geography
ANTH 112	General Anthropology
ANTH 270	Minority Cultures and Relations
ECON 293	Macroeconomics
ECON 294	Microeconomics
GEOG 101	Introduction to Geography
POSC 111	American National Government
POSC 292	International Relations
PSYC 101	General Psychology
SOCI 111	General Sociology
SOCI 112	General Anthropology
SOCI 210	The Sociology of Gender
SOCI 270	Minority Cultures and Relations
WMST 210	The Sociology of Gender

23-26 hrs

Ethics

Every student who graduates from Columbia College must complete an ethics course, either PHIL 330, Ethics, or an approved Departmental ethics course in the student's major.

PHIL 330	Ethics or approved Departmental ethics course.	3 hrs
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Total **38-41 hrs**

OPTIONAL PROGRAM OF STUDY FOR QUALIFYING TRANSFER STUDENTS ²

BASIC STUDIES

Basic studies courses serve the student by supplying critical thinking skills, knowledge and techniques that enhance and enrich subsequent coursework. They provide necessary preparation for success in whatever area of study the student chooses. **All basic studies courses must be completed with a grade of C or higher.**

Full-time Day Program students must:

1. complete all basic studies courses in the first 60 hours;¹ and
2. be continuously enrolled in an English composition or math course until ENGL 112 and MATH 150 or higher level math course have been successfully completed.

CISS 170 Introduction to Computer Information Systems **or**

CISS 176 Introduction to Computer Science

COMM 110 Introduction to Speech

ENGL 112 English Composition II

MATH 150 College Algebra **or**

MATH 170 Finite Mathematics **or**

MATH 180 Precalculus **or**

MATH 201 Calculus & Analytic Geometry I

or MATH 215 Differential

Calculus

12-14 hrs

History

The student must complete six hours from the following courses:

HIST 101 Western Civilization I **or**

HIST 111 World History to 1500

HIST 102 Western Civilization II **or**

HIST 112 World History Since 1500

HIST 121 American History to 1877

HIST 122 American History Since 1877

Arts and Humanities

The student must complete 6 hours in at least two of the following areas: ARTS, COMM, ENGL, MUSI, PHIL or RELI.

Natural Sciences and Mathematics

Students may elect to take two science lecture courses, or a mathematics course and a

science lecture course, or a science lecture and associated lab course totalling not less than five hours, to satisfy the Natural Sciences and Mathematics portion of the requirement.

ASTR 108	Introduction to Astronomy
BIOL 108	Human Biology
BIOL 108L	Human Biology Laboratory (2)
BIOL 110	Principles of Biology I
BIOL 110L	Principles of Biology I Laboratory (2)
CHEM 108	Physical Science Survey
CHEM108L	Physical Science Survey Laboratory (2)
CHEM110	Chemistry I
CHEM109	Chemistry for Biological and Health-Related Sciences
CHEM 111L	Introductory Chemistry Laboratory Experience (2)
ENVS 115	Introduction to Environmental Science
ENVS 115L	Introduction to Environmental Science Laboratory (2)
GEOL 110	Introduction to Physical Geology
GEOL 110L	Introduction to Physical Geology Laboratory (2)
MATH 201	Calculus and Analytical Geometry <u>or</u> MATH 215 Differential Calculus (cannot meet both a Basic Studies Requirement and a Natural Sciences/Mathematics G.E. Requirement)
MATH 250	Statistics I
PHYS 108	Physical Science Survey
PHYS 108L	Physical Science Survey Laboratory (2)
PHYS 111	College Physics I
PHYS 111L	College Physics I Laboratory (2)

Social and Behavioral Sciences

The student must complete six hours in at least two of the following areas: ANTH, ECON, GEOG, POSC, PSYC, SOCI.

Ethics

Every student who graduates from Columbia College must complete an ethics course, either PHIL 330 Ethics, or an approved Departmental ethics course in the student's major.

PHIL 330 Ethics or approved Departmental ethics course. **3 hrs**

Total 38-41 hrs

¹ Transfer students who are near or beyond the 60-hour mark may apply for appropriate exemptions.

² Qualifying students are those who transfer more than 36 hours when they first enroll at Columbia College.

ETHICS COURSE REQUIREMENT

All students may complete PHIL 330 Ethics to satisfy the ethics course general education requirement.

The courses listed below satisfy the Ethics requirement for specific majors and the Teacher Certification Program. These courses can be taken in place of PHIL 330.

BEACON/DAYSTAR Programs

(students seeking teacher certification only):*

EDUC 200 Law, Ethics and Education

Biology Majors:

ENVS/PHIL 332 Environmental Ethics

PHIL 460 Biomedical Ethics

Business Administration Majors:

MGMT 368 Business Ethics

Computer Information Systems Majors:

MGMT 368 Business Ethics

Criminal Justice Administration Majors:

CJAD 345 Ethics and Morality in Criminal Justice

English Majors:

ENGL 331 Ethical Issues on Literature

Environmental Science Majors:

ENVS/PHIL 332 Environmental Ethics

Forensic Science Majors:

CJAD 345 Ethics and Morality in Criminal Justice

General Studies with a Minor:

** Ethics course specific to the minor

General Studies for Elementary Education Certification:

EDUC 200 Law Ethics & Education

Management Information Systems Majors:

MGMT 368 Business Ethics

Students who take an ethics course related to their major, and then decide to change their major, will be required to take PHIL 330 or a major-related ethics course for the new major.

Students pursuing a double major or a dual degree may take PHIL 330 or a major-related ethics course to one of the majors.

* Students seeking teacher certification via the BEACON or DAYSTAR programs may use EDUC 200 to satisfy the Ethics course requirement. If a student has taken EDUC 200 and then decides to not pursue teacher certification, EDUC 200 can no longer be used to satisfy the Ethics requirement. Students will have to take PHIL 330 or an ethics course related to their major.

** If a student is pursuing the Bachelor of General Studies and a minor, the student may complete PHIL 330 or a specific ethics course related to the minor. Below is a list of specific ethics courses and the minors (with general studies degrees only) with which they may be utilized:

CJAD 345: Bachelor of General Studies with a minor in Criminal Justice Administration

EDUC 200: Bachelor of General Studies with a minor in Education (non-certification minor)

ENGL 331: Bachelor of General Studies with a minor in English

ENVS/PHIL 332: Bachelor of General Studies with a minor in Biology or Environmental Science

MGMT 368: Bachelor of General Studies with a minor in Accounting, Business, Computer Information Systems, Economics, Finance, Management or Marketing

If a student is pursuing a degree other than the Bachelor of General Studies and a minor, the student cannot use ethics courses related to the minor to satisfy the ethics requirement. The student must complete PHIL 330 or a major related ethics course.

GENERAL EDUCATION COURSES BY AREA

Following is the list of courses that meet associate and baccalaureate degree general education requirements, by discipline. Some courses have prerequisites.

Anthropology (ANTH)

- ANTH 101 Introduction to Geography
- ANTH 112 General Anthropology
- ANTH 270 Minority Cultures & Relations

Art (ARTS)

- ARTS 105 Art Appreciation
- ARTS 111 Art and Ideas I
- ARTS 112 Art and Ideas II

Astronomy (ASTR)

- ASTR 108 Introduction to Astronomy

Biology (BIOL)

- BIOL 108 Human Biology
- BIOL 108L Human Biology Laboratory (2) (when taken with or following BIOL 108)
- BIOL 110 Principles of Biology I
- BIOL 110L Principles of Biology I Laboratory (2) (when taken with or following BIOL 110)
- BIOL 115 Introduction to Environmental Science
- BIOL 115L Introduction to Environmental Science Laboratory (2) (when taken with or following BIOL 115)

Chemistry (CHEM)

- CHEM 108 Physical Science Survey
- CHEM 108L Physical Science Survey Laboratory (when taken with or following CHEM 108)
- CHEM 109 Chemistry for Biological and Health-Related Sciences

- CHEM 110 Chemistry I
- CHEM 111L Introductory Chemistry Laboratory Experience (when taken with or following CHEM 109 or CHEM 110)

Communication (COMM)

- COMM 110 Introduction to Speech
- COMM 203 Understanding Human Communication
- COMM 224 Film History and Analysis

Computer Information Systems (CISS)

- CISS 170 Introduction to Computer Information Systems
- CISS 176 Introduction to Computer Science

Economics (ECON)

- ECON 293 Macroeconomics
- ECON 294 Microeconomics

English (ENGL)

- ENGL 112 English Composition II
- ENGL 123 Introduction to Mythology and Folklore
- ENGL 210 Introduction to Fiction
- ENGL 211 Introduction to Poetry
- ENGL 212 Introduction to Drama
- ENGL 231 English Literature I
- ENGL 232 English Literature II
- ENGL 241 American Literature I
- ENGL 242 American Literature II
- ENGL 263 World Literature I
- ENGL 264 World Literature II

Environmental Studies (ENVS)

- ENVS 115 Introduction to Environmental Science
- ENVS 115L Introduction to Environmental Science Laboratory (when taken with or following ENVS 115)

Geography (GEOG)

- GEOG 101 Introduction to Geography

Geology (GEOL)

- GEOL 110 Introduction to Physical Geology
- GEOL 110L Introduction to Physical Geology Laboratory (when taken with or following GEOL 110)

History (HIST)

- HIST 101 Western Civilization I
- HIST 102 Western Civilization II
- HIST 111 World History to 1500
- HIST 112 World History Since 1500
- HIST 121 American History to 1877
- HIST 122 American History Since 1877

Mathematics (MATH)

- MATH 150 College Algebra

MATH 170	Finite Mathematics
MATH 180	Precalculus
MATH 201	Calculus & Analytic Geometry I
MATH 215	Differential Calculus
MATH 250	Statistics I

Music (MUSI)

MUSI 122	Music Appreciation
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Philosophy (PHIL)

PHIL 201	Introduction to Western Philosophy
PHIL 202	Introduction to Eastern Philosophies & Religions
PHIL 210	Logic and Critical Thinking

Physics (PHYS)

PHYS 108	Physical Science Survey
PHYS 108L	Physical Science Survey Laboratory (when taken prior to or with PHYS 108)
PHYS 111	College Physics I
PHYS 111L	Physics I Laboratory (when taken with or following PHYS 111)

Political Science (POSC)

POSC 111	American National Government
POSC 292	International Relations

Psychology (PSYC)

PSYC 101	General Psychology
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Religious Studies (RELI)

RELI 101	Religion and Human Experience
RELI 202	Introduction to Eastern Philosophies and Religions

Sociology (SOC)

SOCI 111	General Sociology
SOCI 112	General Anthropology
SOCI 210	The Sociology of Gender
SOCI 270	Minority Cultures and Relations

Women's Studies (WMST)

WMST 210	The Sociology of Gender
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MULTICULTURAL REQUIREMENT

Every student who graduates from Columbia College must meet the Multicultural requirement. Students who participate in a study abroad experience or who have lived for at least six continuous months in a single country other than the United States do not require coursework to meet this requirement. School transcripts from a foreign country or military orders can be used to document residence outside of the United States. All other students must complete a course which explores other cultures or cultivates an appreciation of cultural diversity. Cultural studies courses and courses listed below satisfy the requirement.

ANTH/GEOG 101	Introduction to Geography
ANTH/SOCI 112	General Anthropology
ANTH 212	Cultural Anthropology
ANTH/HIST 235	History and Democracy in the Modern Middle East
ANTH/SOCI 270	Minority Cultures and Relations
ANTH/SOCI/WMST 336	Global Perspectives on Women and Development
ANTH/SOCI 412	Slavery & Human Trafficking
ARTS 111	Art and Ideas I
BIOL/ENVS 115	Introduction to Environmental Science
BIOL/GEOG 251	Resource Management
CISS 390	Global Information Systems Management
COMM 224	Film History and Analysis
COMM 303	Intercultural Communication
CJAD 320	Cultural Diversity in Criminal Justice
ECON 293	Macroeconomics
ECON/FINC 495	International Finance
ENGL 123	Introduction to Mythology and Folklore
ENGL 263	World Literature I
ENGL 264	World Literature II
ENGL 450	Minority and Ethnic Literature of the U.S.
ENVS/BIOL 115	Introduction to Environmental Science
FINC/ECON 495	International Finance
GEOG/ANTH 101	Introduction to Geography
HIST 111	World History to 1500
HIST 112	World History Since 1500
HIST 231	Imperial Russia
HIST 234	History of Latin America
HIST/ANTH 235	History and Democracy in the Modern Middle East
HIST 314	Modern China
HIST 316	Modern Japan
HIST 318	The Vietnam War
HIST 372	American Indian History
MGMT 338	International Business
MGMT 339	Cross-Cultural Management
MKTG 410	Global Marketing
MATH 330	History of Mathematics
PHIL/RELI 202	Introduction to Eastern Philosophies and Religions
POSC 292	International Relations
POSC 317	Politics of Russia and Eurasia
POSC 321	Politics of Developing Nations

POSC 331	European Politics
POSC 353	Asian Politics
RELI 101	Religion and Human Experience
RELI 201	Religious Classic Texts
RELI/PHIL 202	Introduction to Eastern Philosophies and Religions
SOCI 111	General Sociology
SOCI/ANTH 112	General Anthropology
SOCI/ANTH 270	Minority Cultures and Relations
SOCI/WMST/ANTH 336	Global Perspectives on Women and Development

FOREIGN LANGUAGE REQUIREMENT

Day students seeking a Bachelor of Arts degree must complete successfully six semester hours of a single foreign language. AHE (Nationwide and Online) students may meet this requirement by successfully completing six semester hours of a single foreign language or six semester hours of Culture and Society coursework. A student may also satisfy this requirement as follows:

- By receiving a letter grade of C or higher in eight semesters of a high school foreign language (four semesters with a grade of C or higher will fulfill the first course in the language sequence.); **or**
- SAT II: Subject Test Foreign Language:
 - Test date before May 1995: a score of at least 550;
 - Test date May 1995 or later: a score of at least 590; **or**
- Advanced Placement Exam in a foreign language: three hours of foreign language 101 credit with a score of 3; six hours of foreign language 101 and 102 credit with a score of four or higher; **or**
- A CLEP score equal to or greater than the credit-granting language level 1 score as recommended by the American Council on Education; **or**
- Graduation from a high school where the native language is not English and a minimum TOEFL score of 500 (paper-based) or 173 (computer-based) or 61 (internet-based) or minimum IELTS exam of 6; **or**
- By completing six semester hours of American Sign Language at an accredited institution of higher education from which Columbia College accepts credit; **or**
- By completing the equivalent language courses via the Defense Language Institute per the American Council on Education recommendations; **or**
- By completing the equivalent language courses at an institution of higher education from which Columbia College accepts credit; **or**
- By completing the equivalent language courses non-

traditionally via a program from which Columbia College accepts credit.

ENGLISH COMPOSITION REQUIREMENT

Students must fulfill requirements for ENGL 112 by the time they have completed 60 semester hours of course work with Columbia College. **Full-time day students** must enroll in the appropriate English course (ENGL 107, 111 or 112) each semester until they have completed the requirement with grades of C or better.

Entering full-time students with no transfer credit in English will be placed in the appropriate composition course according to their ACT English Subtest Scores or equivalent SAT Scores.

<u>ACT English Score</u>		<u>Placement Level</u>
1 - 17	ENGL 107	Developmental English Composition
18 - 29	ENGL 111	English Composition I
30 - 36	ENGL 112	English Composition II
<u>SAT Critical Reading Score</u>		
200 - 440	ENGL 107	Developmental English Composition
450 - 660	ENGL 111	English Composition I
670 - 800	ENGL 112	English Composition II

If students enroll at Columbia College with more than 30 semester hours of approved transfer credit but have not yet earned credit for ENGL 112, they must fulfill requirements and receive credit for this course during the next 24 semester hours of course work.

CISS 170/CISS 176 REQUIREMENT

Students who believe that prior experience or education has provided them with a body of knowledge equivalent to that obtained from CISS 170 Introduction to Computer Information Systems or CISS 176 Introduction to Computer Science are encouraged to take the CLEP Information Systems and Computer Applications examination.

PERSONAL CURRICULUM GUIDE

Below is an UNOFFICIAL worksheet that permits the student to inventory General Education, major and elective courses by grade received, term completed, and number of credit hours earned.

GENERAL EDUCATION

COURSES	DATE COMPLETED OR EXEMPTED	GRADE EARNED	SEMESTER HOURS EARNED	UPPER LEVEL
BASIC STUDIES (12-14 SEMESTER HOURS) (MUST BE COMPLETED WITH A GRADE OF C OR HIGHER)				
CISS 170/176			3	
COMM 110			3	
ENGL 112			3	
MATH 150, 170, 180, 201 or 215			3	
HISTORY (6 SEMESTER HOURS)				
			3	
ARTS AND HUMANITIES (6 SEMESTER HOURS)				
			3	
			3	
NATURAL SCIENCES AND MATHEMATICS (Two Science courses or one Science and one Mathematics)				
			2-3	
			2-3	
SOCIAL AND BEHAVIORAL SCIENCES (6 SEMESTER HOURS)				
			3	
			3	
ETHICS (3 SEMESTER HOURS)				
			3	
			3	
FOREIGN LANGUAGE (6 SEMESTER HOURS)				
			3	
MULTICULTURAL REQUIREMENT (3 SEMESTER HOURS)				
			3	

(Continued on next page)

BACCALAUREATE DEGREES

BACCALAUREATE DEGREES

BACCALAUREATE DEGREE REQUIREMENTS

To be recommended by the faculty and approved by the Board of Trustees for graduation with a baccalaureate degree, students must have been officially admitted to the College and must have:

1. completed successfully at least 120 semester hours with at least 39 semester hours in 300- and 400-level courses;
2. completed successfully at least 38 semester hours of general education courses, to include an Ethics course, distributed as indicated in the previous section;
3. completed successfully required semester hours for a major in the degree program selected. No fewer than 12 semester hours may be earned in the major at Columbia College including at least 6 semester hours of 300- and 400-level course work;
4. earned at least one-half of the credit toward the baccalaureate degree from institutions accredited by United States regional associations and/or approved by the United States Office of Education and recognized by Columbia College;
5. completed successfully at least 3 semester hours of Multicultural coursework;
6. attained a minimum cumulative grade-point average of 2.0;
7. fulfilled the residency requirement – at least 24 of the last 36 semester hours taken with Columbia College. (In the case of special programs and/or agreements such as the one with Service-member's Opportunity College, this requirement may be modified to meet the constraints of such programs. However, special arrangements and/or programs must be approved by the Executive Vice President and Dean for Academic Affairs. Waivers for individual students may be granted by following institutional procedures for petition and waiver);
8. fulfilled all requirements for a culminating experience specified for the major;
9. satisfied all financial obligations; and
10. complete a Declaration of Candidacy for Degree from via eServices approximately one year before expected date of graduation;
11. if seeking a Bachelor of Arts degree, completed successfully six semester hours of a single foreign language. AHE (Nationwide and Online) students may meet this requirement by success-

fully completing six semester hours of Culture and Society sequence. See page 32 for additional information regarding this requirement.

12. all core courses in each major resulting in a Bachelor of Arts (B.A.), Bachelor of Science (B.S.) or Bachelor of Fine Arts (B.F.A.) degree require completion with a grade of C or higher.

AMERICAN STUDIES

Department: History and Political Science

Chairperson: Brian Kessel, Ph.D.

Full-Time Faculty: Daniel Campbell, Ph.D.
Tonia Compton, Ph.D.
Yngve Digernes, Ph.D.
Brian Kessel, Ph.D.
Brad Lookingbill, Ph.D.
Aurelien Mauxion, Ph.D.
David Roebuck, Ph.D.
Ahoob Tabatabai, Ph.D.

Degree: Bachelor of Arts in American Studies

Minors: Criminal Justice
Criminology
English
History
Intergenerational Studies
Political Science
Sociology

Culminating Experience Course:

AMST 490 American Studies Seminar

American Studies constitutes a multidisciplinary program for the exploration of the past, present, and future of the United States. It brings together faculty and students from a variety of disciplines to compare and to exchange knowledge about the American experience. The program offers a rich, rigorous approach combining intellectual insights from literature, history, sociology, political science, and other social sciences and humanities. Rather than limiting majors to a single department's offerings, the program allows students the freedom to complete courses in a variety of traditional disciplines.

Majors develop critical thinking skills that allow them not only to pursue rewarding careers but also to act as responsible citizens of the 21st Century. By fostering a diverse and dynamic academic journey that reaches across disciplinary boundaries into a wide range of per-

spectives on the American experience, the Program encourages its students to develop intellectual resources that will sustain them in a wide variety of careers and vocations. Students may continue their study through graduate work in American Studies or pursue careers in law, business, teaching and museum fields. An American Studies degree is particularly appropriate for students planning careers in law, communication, government, social work and journalism.

Because the United States is a nation held together by different and often conflicting stories of nationhood, the American Studies major is designed to create dialogue about the multiple ways in which these stories are told. The American Studies major demands that students develop and refine their own theories and assumptions through reflective practices on the contested meaning of America's stories. It describes the stories of America in different modes – written and electronic, verbal and nonverbal, visual and auditory. Most of all, it promotes an understanding of the American experience using the approaches and methods of a variety of disciplines.

Course Rotation Schedule

Core Requirements:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
AMST 490	AMST	AMST 490	ECON 293	
ECON 293	/POSC 280	ECON 293	ENGL 242	
ENGL 241	AMST 490	ENGL 242	HIST 121	
HIST 121	ECON 293	HIST 121	HIST 122	
HIST 122	ENGL 241	HIST 122	POSC 111	
POSC 111	HIST 121	POSC 111	POSC 215	
SOCI/ ANTH 270	HIST 122 POSC 111	SOCI/ ANTH 270	SOCI /ANTH 270	

Electives:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
ARTS 406	HIST 321	HIST 342	AMST/ SOCI 375	COMM 214 ENGL 450
HIST 312	HIST 370	HIST 350	HIST/ HIST/	ENVS/ POSC 312
HIST 372	MGMT/ POSC 311	HIST/ MGMT 371	HIST/ WMST 373	ENVS/ POSC 312
POSC 350	POSC 440	POSC 315	MUSI 323	ENVS/ HIST 352
POSC 361	POSC 230	POSC 332	POSC 340	HIST 352 HIST 362
SOCI/ WMST 310	SOCI /WMST 310	POSC 340 POSC 360	SOCI/ HUMS 365	HIST 362 HIST 362
		SOCI 216 SOCI/ HUMS 365	SOCI 401	

BACHELOR OF ARTS IN AMERICAN STUDIES

A. General Education Requirements 38-41 sem. hrs

Ethics Course Requirement 3 hrs
PHIL 330 Ethics

B. Foreign Language Requirement 6 sem. hrs

C. Multicultural Requirement 3 sem. hrs
(Courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk.)

D. Core Requirements 30 sem. hrs

(All courses must be completed with a grade of C or higher. Courses may not be taken as Pass/Fail.)

AMST/POSC 280 American Political and Social Thought	3 hrs
AMST 490 American Studies Senior Seminar	3 hrs
*ECON 293 Macroeconomics	3 hrs
ENGL 241 American Literature I	3 hrs
ENGL 242 American Literature II	3 hrs
HIST 121 American History to 1877	3 hrs
HIST 122 American History Since 1877	3 hrs
POSC 111 American National Government	3 hrs
POSC 215 State and Local Government	3 hrs
*SOCI/ANTH 270 Minority Cultures and Relations	3 hrs

E. Electives 24 sem. hrs

At least 21 hours of the electives must be at the 300- or 400-level. Transfer credit may be applied but must explicitly contain "American," "United States," or "U.S." in the title.

At least two elective courses must be completed in each of the following clusters:

AMERICAN HISTORY CLUSTER

ENVS/HIST 352 American Environmental History	3 hrs
HIST 312 Twentieth Century American Diplomatic History	3 hrs
HIST 321 History of Modern U.S.	3 hrs
HIST 342 American Civil War	3 hrs
HIST 350 American Revolution	3 hrs
HIST 362 History of the American West	3 hrs
HIST 370 American Military History	3 hrs
HIST/MGMT 371 History of American Business	3 hrs
*HIST 372 American Indian History	3 hrs
HIST/WMST 373 Women and Gender in American History	3 hrs

AMERICAN GOVERNMENT CLUSTER:

ENVS/POSC 312 Environmental Politics	3 hrs
MGMT/POSC 311 Public Administration and Policy	3 hrs
POSC 315 American Public Policy	3 hrs
POSC 330 Media and Politics	3 hrs

POSC 332	The American Presidency	3 hrs
POSC 340	Judicial Process	3 hrs
POSC 350	Legislative Process	3 hrs
POSC 360	U.S. Foreign Policy	3 hrs
POSC 361	American Political Parties	3 hrs
POSC 440	Constitutional Law	3 hrs

AMERICAN CULTURE CLUSTER:

AMST/SOCI 375	American Social Movements	3 hrs
ARTS 406	American Art History	3 hrs
COMM 214	Mass Communication in Society	3 hrs
ENGL 450	Minority and Ethnic Literature of the United States	3 hrs
HUMS/SOCI 365	American Social Policy	3 hrs
MUSI 323	Music of the United States	3 hrs
SOCI 216	American Social Problems	3 hrs
SOCI 230	Sociology of Sports	3 hrs
SOCI/WMST 310	Women in Society	3 hrs
SOCI 401	The American Community	3 hrs

F. Other Electives 10-19 sem. hrs

Students are encouraged to use the remaining semester hours to earn a minor in one of the academic areas listed for the major or in an area related to American Studies.

120 sem. hrs

ART

Department:	Art
Chairperson:	Michael Sleadd
Full-Time Faculty:	Bo Bedilion Naomi Lear Scott McMahon Michael Sleadd
Degrees:	Bachelor of Arts in Art Bachelor of Science in Art Bachelor of Fine Arts in Art
Major Areas:	Ceramics Graphic Design Painting and Drawing Photography Printmaking
Minors:	Art History Film Studies Graphic Design Jewelry Photography Studio Art

Culminating Experience Course:**ARTS 496 Senior Portfolio**

The Art Department offers training in fine arts, graphic design, illustration, computer graphics and art history. Instruction is personalized and designed to help students develop skills and knowledge in a liberal arts context while preparing for the complex and evolving world of art.

Graduates prepare for careers in museums, teaching, advertising, public relations, mural painting and freelancing, as well as for graduate school.

Students have the opportunity to specialize within a broad spectrum of preprofessional disciplines such as painting and drawing, ceramics, photography, printmaking, and graphic design. Students electing a major in one of these specialties must complete 24 semester hours in related courses.

Course Rotation Schedule**Core Requirements:**

<u>Even Fall</u>	<u>Odd Fall</u>	<u>Even Spring</u>	<u>Odd Spring</u>	<u>Occasional</u>
ARTS 111	ARTS 111	ARTS 112	ARTS 112	ARTS 306 (F15)
ARTS 120	ARTS 120	ARTS 120	ARTS 120	ARTS 308
ARTS 130	ARTS 130	ARTS 130	ARTS 312	ARTS 310 (F12)
ARTS 140	ARTS 140	ARTS 140	ARTS 140	ARTS 312 (F13)
ARTS 141	ARTS 141	ARTS 141	ARTS 141	ARTS 406 (F14)
ARTS 222	ARTS 222	ARTS 222	ARTS 222	
ARTS 232	ARTS 232	ARTS 232	ARTS 232	
ARTS 271	ARTS 271	ARTS 271	ARTS 271	
ARTS 292	ARTS 292	ARTS 292	ARTS 292	
ARTS 496	ARTS 496	ARTS 403	ARTS 314	
		ARTS 496	ARTS 496	

Electives:

<u>Even Fall</u>	<u>Odd Fall</u>	<u>Even Spring</u>	<u>Odd Spring</u>	<u>Occasional</u>
ARTS 150	ARTS 150	ARTS 152	ARTS 152	ARTS 301
ARTS 211	ARTS 211	ARTS 215	ARTS 215	
ARTS 215	ARTS 215	ARTS 216	ARTS 216	
ARTS 216	ARTS 216	ARTS 252	ARTS 252	
ARTS 252	ARTS 252	ARTS 262	ARTS 262	
ARTS 262	ARTS 262	ARTS 300	ARTS 300	
ARTS 300	ARTS 300	ARTS 302	ARTS 302	
ARTS 307	ARTS 307	ARTS 316	ARTS 316	
ARTS 311	ARTS 311	ARTS 323	ARTS 323	
ARTS 316	ARTS 316	ARTS 334	ARTS 334	
ARTS 323	ARTS 323	ARTS 353	ARTS 353	
ARTS 334	ARTS 334	ARTS 354	ARTS 354	
ARTS 353	ARTS 353	ARTS 364	ARTS 364	
ARTS 364	ARTS 364	ARTS 366	ARTS 366	
ARTS 366	ARTS 366	ARTS 373	ARTS 373	
ARTS 373	ARTS 373	ARTS 375	ARTS 375	
ARTS 374	ARTS 374	ARTS 394	ARTS 394	
ARTS 375	ARTS 375	ARTS 396	ARTS 396	
ARTS 394	ARTS 394	ARTS 400	ARTS 400	
ARTS 396	ARTS 396	ARTS 416	ARTS 416	
ARTS 400	ARTS 400	ARTS 425	ARTS 425	
ARTS 411	ARTS 411	ARTS 435	ARTS 435	
ARTS 416	ARTS 416	ARTS 436	ARTS 436	
ARTS 425	ARTS 425	ARTS 454	ARTS 454	
ARTS 435	ARTS 435	ARTS 465	ARTS 465	
ARTS 436	ARTS 436	ARTS 466	ARTS 466	
ARTS 454	ARTS 454	ARTS 476	ARTS 476	
ARTS 465	ARTS 465	ARTS 498	ARTS 498	
ARTS 466	ARTS 466			
ARTS 476	ARTS 476			
ARTS 486	ARTS 476			
ARTS 498	ARTS 486			
	ARTS 498			

I. BACHELOR OF ARTS IN ART

Candidates for the Bachelor of Arts in Art complete 38-41 semester hours of general education requirements, including PHIL 330 Ethics; and three hours of a Multicultural requirement (courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk); and six hours of a foreign language requirement, in addition to the following specific requirements:

1. A minimum of 48 semester hours in art.
2. Core requirements: 33 of the 48 semester hours in the following specific courses: (All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

* ARTS 111	Art and Ideas I	3 hrs
ARTS 112	Art and Ideas II	3 hrs
ARTS 120	Drawing I	3 hrs
ARTS 130	Painting I	3 hrs
ARTS 140	2-Dimensional Design	3 hrs
ARTS 141	3-Dimensional Design	3 hrs
ARTS 222	Drawing II	3 hrs
ARTS 232	Painting II	3 hrs
ARTS 496	Senior Portfolio	3 hrs
ARTS	Art History Courses	6 hrs
3. Twelve semester hours in elective art courses, at least 6 of which must be upper-level.
4. Selection of one of the following courses: ARTS 271 Ceramics I or ARTS 292 Jewelry I.
5. Completion of a final evaluation by satisfactorily passing ARTS 496 Senior Portfolio, a course designed to assess the outcomes of the major.

II. BACHELOR OF SCIENCE IN ART

Candidates for the Bachelor of Science in Art complete 38-41 semester hours of general education requirements, including PHIL 330 Ethics; and three hours of a Multicultural requirement (courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk), in addition to the following specific requirements:

1. A minimum of 60 semester hours in art.
2. Core requirements: 33 of the 60 semester hours in the following specific courses: (All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

* ARTS 111	Art and Ideas I	3 hrs
ARTS 112	Art and Ideas II	3 hrs
ARTS 120	Drawing I	3 hrs
ARTS 130	Painting I	3 hrs
ARTS 140	2-Dimensional Design	3 hrs
ARTS 141	3-Dimensional Design	3 hrs
ARTS 222	Drawing II	3 hrs
ARTS 232	Painting II	3 hrs
ARTS 496	Senior Portfolio	3 hrs

- | | | |
|------|---------------------|-------|
| ARTS | Art History Courses | 6 hrs |
|------|---------------------|-------|
3. Select one of the following courses: ARTS 271 Ceramics I or ARTS 292 Jewelry I.
 4. 24 semester hours in elective art courses, at least 15 of which must be upper-level.
 5. Completion of a final evaluation by satisfactorily passing ARTS 496: Senior Portfolio, a course designed to assess the outcomes of the major.

III. BACHELOR OF FINE ARTS

Candidates for the Bachelor of Fine Arts in Art complete the general education requirements for all baccalaureate degrees including PHIL 330 Ethics, three hours of a Multicultural requirement (courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk) in addition to the following specific requirements:

1. Declaration of intention to the art faculty during the first semester of the junior year (requirement also applies to transfer students) and faculty review of the candidate's portfolio.
2. Completion of at least 75 semester hours in art, 21 semester hours of which must be upper-level credit.
3. Review of semester's work during junior year and first semester of senior year. Seniors* who apply for the BFA program must have their work reviewed the senior year.
4. Core requirements: 36 of the 75 semester hours in the following specific courses: (All courses must be completed with a grade of C or higher). (Courses in the major cannot be taken as Pass/Fail.)

* ARTS 111	Art and Ideas I	3 hrs
ARTS 112	Art and Ideas II	3 hrs
ARTS 120	Drawing I	3 hrs
ARTS 130	Painting I	3 hrs
ARTS 140	2-Dimensional Design	3 hrs
ARTS 141	3-Dimensional Design	3 hrs
ARTS 222	Drawing II	3 hrs
ARTS 232	Painting II	3 hrs
ARTS 496	Senior Portfolio	3 hrs
ARTS	Art History Courses	9 hrs
5. Selection of one of the following courses: ARTS 271 Ceramics I or ARTS 292 Jewelry I.
6. Twenty-four of the 75 required semester hours will be within the candidate's major.
7. Twelve of the 75 hours will be outside the major. Six of the 12 must be 300-level or above. These hours can be selected from any studio area and will be designated as a "studio focus".
8. Maintenance of a grade-point average of at least 3.25 in art courses, both studio and lecture.

9. Design and exhibit a representative and significant quantity of work for faculty critique, and formulate a statement of position and philosophy of their works.

*Seniors who wish to enter the BFA program are required to attend one or more additional semesters beyond completion of the senior year.

MAJOR REQUIREMENTS

Students who elect to earn a major in one of the approved areas must complete the specific courses listed under each area. All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as pass/Fail. Students must take 12 hours of their major coursework at Columbia College; 9 hours of which must be upper level.

Ceramics Major

ARTS 271	Ceramics I	3 hrs
ARTS 300	Special Problems	6 hrs
ARTS 373	Ceramics II	3 hrs
ARTS 375	Ceramics III	3 hrs
SOCI 270	Minority Cultures and Relations	
ARTS 399	Art/Design	3 hrs
ARTS 400	Special Problems II	6 hrs
ARTS 476	Ceramics IV	3 hrs

Graphic Design Major

ARTS 150	Creative Photography I or	3 hrs
ARTS152	Digital Photography	3 hrs
ARTS 216	Graphic Design I	3 hrs
ARTS 302	Illustration	3 hrs
ARTS 316	Graphic Design II	3 hrs
ARTS 354	Digital Imaging	3 hrs
ARTS 374	Digital Filmmaking	3 hrs
ARTS 399	Art/Design Internship	3 hrs
ARTS 416	Graphic Design III	3 hrs

Painting and Drawing Major

ARTS 211	Watercolor I	3 hrs
ARTS 262	Printmaking I	3 hrs
ARTS 300	Special Problems	3 hrs
ARTS 311	Watercolor II	3 hrs
ARTS 323	Drawing III	3 hrs
ARTS 334	Painting III	3 hrs
ARTS 425	Drawing IV	3 hrs
ARTS 436	Painting IV	3 hrs

Photography Major

ARTS 150	Creative Photography I	3 hrs
ARTS 252	Creative Photography II	3 hrs
ARTS 300	Special Problems	3 hrs
ARTS 353	Creative Photography III	3 hrs
ARTS 354	Digital Imaging	3 hrs
ARTS 374	Digital Filmmaking	3 hrs
ARTS 400	Special Problems II	3 hrs
ARTS 454	Creative Photography VI	3 hrs

Printmaking Major

ARTS 150	Creative Photography I	3 hrs
ARTS 262	Printmaking I	3 hrs
ARTS 354	Digital Imaging	3 hrs
ARTS 364	Printmaking II	3 hrs
ARTS 366	Printmaking III	3 hrs
ARTS 400	Special Problems II	3 hrs
ARTS 425	Drawing IV	3 hrs
ARTS 435	Printmaking IV	3 hrs

BIOLOGY

Department: Science

Chairperson: Frank Somer, Ph.D.

Full-Time Faculty: Christopher Babayco, Ph.D.
Julie Estabrooks, Ph.D.
Alan James, Ph.D.
Nathan Means, Ph.D.
Frank Somer, Ph.D.
Kent Strodman, Ph.D.
Peggy Wright, Ph.D.

Degrees: Bachelor of Arts in Biology
Bachelor of Science in Biology
Bachelor of Science in Environmental Science
Associate in Science in Environmental Studies

Majors: Biology
Chemistry
Environmental Science

Minors: Biology
Chemistry
Environmental Science

Culminating Experience Course:
BIOL 490 Senior Seminar

The opportunities for students trained in biology have grown dramatically as there is an increasing demand for those who are educated in natural sciences. Through training in biology students learn to apply scientific methods, test hypotheses and develop laboratory skills. Critical thinking to evaluate scientific results through statistical analyses, scientific writing and oral presentation are basic skills developed by students who are biology majors.

The Science Department offers B.A. and B.S. degrees in biology. These degrees provide the background necessary for a variety of careers, including graduate and professional schools. A biology or chemistry major is recommended for those who are seeking entry into medical/veterinary/dental/nursing/graduate schools.

Students who have completed a degree in biology at Columbia College will:

1. Understand basic scientific vocabulary and knowledge.

2. Understand biological principles, models and theories used to predict, understand and apply to biological phenomena.
3. Understand the scientific method and its application.
4. Demonstrate proficiency in laboratory skills, including familiarity with the use of instrumentation and analytic methods commonly used in biological research.
5. Evaluate scientific results through the use of statistical analyses and critical thinking.
6. Demonstrate competence in scientific writing, oral presentation and familiarity with the use of scientific literature.
7. Demonstrate knowledge regarding ethics in science and everyday life.

Course Rotation Schedule

Core Requirements:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
BIOL 110	BIOL 110	BIOL 110	BIOL 110	
BIOL 110L	BIOL 110L	BIOL 110L	BIOL 110L	
BIOL 112	BIOL 112	BIOL 112	BIOL 112	
BIOL 112L	BIOL 112L	BIOL 112L	BIOL 112L	
BIOL 290	BIOL 290	BIOL/PSYC/ SOCI 324	BIOL/PSYC/ SOCI 324	
BIOL 290L	BIOL 290L	SOCI 324	SOCI 324	
BIOL/PSYC/ SOCI 324	BIOL/PSYC/ SOCI 324	BIOL 342	BIOL 342	
BIOL/CHEM/ ENVS 395	BIOL/CHEM/ ENVS 395	BIOL/CHEM/ ENVS 395	BIOL/CHEM/ ENVS 395	
BIOL 490	BIOL 490	BIOL/	BIOL/	
CHEM 109	CHEM 109	CHEM 420	CHEM 420	
CHEM 110	CHEM 110	BIOL/	BIOL/	
CHEM 111L	CHEM 111L	CHEM 420L	CHEM 420L	
CHEM 112	CHEM 112	BIOL 490	BIOL 490	
CHEM 112L	CHEM 112L	CHEM 109	CHEM 109	
CHEM 310	CHEM 310	CHEM 110	CHEM 110	
		CHEM 111L	CHEM 111L	
		CHEM 112	CHEM 112	
		CHEM 112L	CHEM 112L	

Electives:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
BIOL/ ENVS 115	BIOL/ ENVS 115	BIOL/ ENVS 115	BIOL/ ENVS 115	BIOL 330
BIOL/ ENVS 115L	BIOL/ ENVS 115L	BIOL/ ENVS 115L	BIOL/ ENVS 115L	
BIOL 221	BIOL 221	BIOL 312	BIOL 312	
BIOL 221L	BIOL 221L	BIOL 312L	BIOL 312L	
BIOL 223	BIOL/ENVS 222	BIOL/ ENVS 320	BIOL 312L	
BIOL 223L	222	ENVS 320	BIOL 326	
BIOL 343	BIOL 223	BIOL/ ENVS 320L	BIOL 326L	
BIOL 380	BIOL 223L	ENVS 320L	BIOL 326L	
BIOL 410	BIOL/ ENVS 300	BIOL 326	BIOL/ PSYC 372	
BIOL 410L	ENVS 300	BIOL 326L	PSYC 372	
BIOL/ PSYC 472	BIOL 353	BIOL/ PSYC 371	BIOL 415	
	BIOL 410	PSYC 371		
	BIOL 410L			

Requirements

Ethics Course Requirement 3 hrs
 ENVS/PHIL 332 Environmental Ethics
or PHIL 460 Biomedical Ethics
or PHIL 330 Ethics

B. Foreign Language Requirement 6 sem. hrs

C. Multicultural Requirement 3 sem. hrs
 Courses that meet this requirement can be found on pages 32-33.

D. Core Requirements 34-39 sem. hrs
 (All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

BIOL 110	Principles of Biology I	3 hrs
BIOL 110L	Principles of Biology I Laboratory	2 hrs
BIOL 112	Principles of Biology II	3 hrs
BIOL 112L	Principles of Biology II Laboratory	2 hrs
BIOL 290	Principles of Cell Biology	3 hrs
BIOL 290L	Principles of Cell Biology Laboratory	2 hrs
BIOL/PSYC/SOCI 324	Statistics for the Behavioral and Natural Sciences	3 hrs
BIOL 342	Genetics	3 hrs
BIOL 342L	Genetics Laboratory	2 hrs
BIOL 395	Research Design in the Sciences	3 hrs
BIOL 490	Senior Seminar	3 hrs
CHEM 109	Chemistry for Biological and Health-Related Sciences <u>and</u>	3 hrs
CHEM 111L	Introductory Chemistry Laboratory Experience <u>or</u>	2 hrs
CHEM 110	Chemistry I <u>and</u>	3 hrs
CHEM 111L	Introductory Chemistry Laboratory Experience <u>and</u>	2 hrs
CHEM 112	Chemistry II <u>and</u>	3 hrs
CHEM 112L	Chemistry II Laboratory	2 hrs

E. Biology Electives 21 sem. hrs

(All courses must be completed with a grade of C or higher.) Twenty-one semester hours of courses with a BIOL prefix and above the 110-level. Nine of these hours must be in upper-level courses. A maximum of three of those hours may be obtained from internships (BIOL 399/499).

F. Electives 10-18 sem. hrs
 120 sem. hrs

G. Culminating Experience: All students must complete BIOL 490 Senior Seminar with a grade of C or higher.

BACHELOR OF ARTS IN BIOLOGY

A. General Education 38-41 sem. hrs

BACHELOR OF SCIENCE IN BIOLOGY**A. General Education Requirements 38-41 sem. hrs**

Ethics Course Requirement 3 hrs
 ENV/PHIL 332 Environmental Ethics
 or PHIL 460 Biomedical Ethics
 or PHIL 330 Ethics

B. Multicultural Requirement 3 hrs

Courses that meet this requirement can be found on pages 32-33.

C. Core Requirements 47 sem. hrs

(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

BIOL 110	Principles of Biology I	3 hrs
BIOL 110L	Principles of Biology I Laboratory	2 hrs
BIOL 112	Principles of Biology II	3 hrs
BIOL 112L	Principles of Biology II Laboratory	2 hrs
BIOL 290	Principles of Cell Biology	3 hrs
BIOL 290L	Principles of Cell Biology Laboratory	2 hrs
BIOL/PSYC/SOCI 324	Statistics for the Behavioral and Natural Sciences	3 hrs
BIOL 342	Genetics	3 hrs
BIOL 342L	Genetics Laboratory	2 hrs
BIOL 395	Research Design in the Sciences	3 hrs
BIOL 420	Biochemistry	3 hrs
BIOL 420L	Biochemistry Laboratory	2 hrs
BIOL 490	Senior Seminar	3 hrs
CHEM 110	Chemistry I	3 hrs
CHEM 111L	Introductory Chemistry Laboratory Experience	2 hrs
CHEM 112	Chemistry II	3 hrs
CHEM 112L	Chemistry II Laboratory	2 hrs
CHEM 310	Organic Chemistry I	3 hrs

D. Biology Electives 21 sem. hrs

(All courses must be completed with a grade of C or higher.) Twenty-one semester hours of courses with a BIOL prefix and above the 110-level. Nine of these hours must be in upper-level courses. A maximum of three of these hours may be obtained from internships (BIOL 399/499).

E. Electives 8-11 sem. hrs
120 sem. hrs

F. Culminating Experience: All students must complete BIOL 490 Senior Seminar with a grade of C or higher.

BUSINESS ADMINISTRATION

Department: Business Administration

Chairpersons: Sally Wells, C.F.P.

**Full-Time Faculty: Kenneth Akers
 Kelley Frink
 Timothy Ireland, Ph.D.
 Angela Kinworthy
 Ken Middleton, Ph.D.
 Tom Stauder, C.P.A.
 Diane Suhler, Ph.D.
 Joann Wayman, Ph.D.
 Sally Wells, C.F.P.**

**Degrees: Master of Business Administration
 Bachelor of Arts in Business Administration
 Bachelor of Science in Business Administration
 Associate of Science in Business Administration**

**Major Areas: Accounting
 Financial Services
 Healthcare Management
 Human Resources Management (some courses are offered only in the Evening and Online Campuses)
 International Business Management
 Marketing
 Public Relations and Advertising
 Sports Management (Bachelor of Arts only)**

**Minors: Accounting
 Business
 Computer Information Systems
 Computer Science
 Economics
 Finance
 Graphic Design
 International Relations Management
 Marketing**

Culminating Experience Course: MGMT 479 Strategic Management

The Business Administration program serves students from a variety of backgrounds. Members of the faculty employ a variety of instructional techniques and resources aimed at meeting the needs of

student clientele. Emphasis is on advising students in course work appropriate to their interests and academic progress. The core curriculum and course work in the Business Administration curriculum reflect the recommendations of the Association of Collegiate Business Schools and Programs (ACBSP).

Students may earn a Bachelor of Arts or a Bachelor of Science degree in Business Administration. In addition, students may elect majors in accounting, finance, healthcare management, human resource management, international business, management, marketing, public relations and advertising, and sports management.

A principle focus of the program is to prepare students for entry-level positions and for advancement in various occupations and professions. Also, faculty prepare students to pursue the study of business at the graduate level or to obtain professional placement in their chosen fields. The faculty of the Business Administration Department encourage wide and varied preparation in the liberal arts and sciences to provide students with an appreciation for the social and cultural environment in which business is transacted.

All students must complete a minimum of 120 semester hours, 39 of which are 300- and 400-level. Students must complete a prescribed Professional Core and the general education requirements. A maximum of 27 semester hours of the requirements for the BA in Business Administration and a maximum of 48 semester hours of the requirements for the BS in Business Administration may be met through courses transferred. **All students must take part in a culminating evaluation of the core-course outcomes during their last 30 hours prior to graduation.** Completion of MGMT 479 Strategic Management with a grade of C or higher satisfies this culminating requirement for all business majors.

Course Rotation Schedule

Core Requirements:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
ACCT 280	ACCT 280	ACCT 280	ACCT 280	
ACCT 281	ACCT 281	ACCT 281	ACCT 281	
BIOL/PSYC/ SOCI 324	BIOL/PSYC/ SOCI 324	BIOL/PSYC/ SOCI 324	BIOL/PSYC/ SOCI 324	
ECON 293	ECON 293	ECON 293	ECON 293	
ECON 294	ECON 294	ECON 294	ECON 294	
FINC 298	FINC 298	FINC 350	FINC 350	
FINC 350	FINC 350	MATH 250	MATH 250	
MATH 250	MATH 250	MGMT 254	MGMT 254	
MGMT 254	MGMT 254	MGMT 265	MGMT 265	
MGMT 265	MGMT 265	MGMT 330	MGMT 330	
MGMT 330	MGMT 330	MGMT 338	MGMT 338	
MGMT 338	MGMT 338	MGMT 368	MGMT 368	
MGMT 368	MGMT 368	MGMT 393	MGMT 393	
MGMT 393	MGMT 393	MGMT 430	MGMT 430	
MGMT 479	MGMT 479	MGMT 479	MGMT 479	
MKTG 310	MKTG 310	MKTG 310	MKTG 310	

Electives:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
ACCT 381	ACCT 381	ACCT 383	ACCT 383	ACCT 384
ACCT 382	ACCT 382	ACCT 385	ACCT 385	ACCT 481
ACCT 489	ACCT 489	ACCT 386	ACCT 386	ACCT 485
ARTS 140	ARTS 140	ARTS 216	ARTS 216	ACCT 488
ARTS 216	ARTS 211	BIOL 326	BIOL 326	ACCT 490
BIOL 223	BIOL 223	BIOL 326L	BIOL 326L	ECON/ ENVS 310
BIOL 223L	BIOL 223L	COMM/ WMST 343	COMM 393	ENGL 204
COMM 344	COMM 214	ECON 320	ECON 320	FINC 410
ECON/ FINC 395	COMM 303	ECON 320	ECON 393	FINC 496
EDUC 233	ECON 394	ECON 393	ECON 394	FINC 496
FINC 354	ECON/ FINC 395	ECON 394	EDUC 233	MGMT 152
MGMT 150	FINC 395	EDUC 233	ENGL 420	MGMT 200
MGMT 340	ECON/ FINC 495	ENGL 420	FINC 396	MGMT 360
MGMT 341	FINC 495	FINC 396	FINC 397	MGMT 363
MGMT 362	EDUC 233	FINC 397	FINC 498	MGMT 364 *
MKTG 327	FINC 354	FINC 498	MGMT 150	MGMT 365 *
MKTG 331	MGMT 150	MGMT 150	MGMT 339	MGMT 367
MKTG 332	MGMT/ POSC 311	MGMT 339	MGMT 353	MGMT/ HIST 371
MKTG 410	MGMT 340	MGMT 361	MGMT 362	MGMT 375
MKTG 478	MGMT 341	MGMT 362	MKTG 332	MGMT 422
MKTG 480	MGMT 362	MGMT 430	MKTG 335	MGMT 461
PHED 150	MKTG 331	MKTG 335	MKTG 352	PHED 100
PSYC 336	MKTG 332	MKTG 360	MKTG 360	PHED 101
	MKTG 478	MKTG 410	MKTG 410	PHED 140
	MKTG 480	MKTG 420	MKTG 420	
	PHED 150	MKTG 441	MKTG 441	
	POSC 321	MKTG 478	MKTG 478	
	SOCI 430	PHED 350	PHED 350	
		PHIL 460	PHIL 460	
		POSC 360	POSC 292	
		PSYC/ SOCI 360	POSC 326	
			PSYC/ SOCI 360	

*Via the Online Campus only.

BACHELOR OF ARTS IN BUSINESS ADMINISTRATION

A. General Education 38-41 sem. hrs Requirements

Ethics Course Requirement:

MGMT 368 Business Ethics	<u>or</u>	3 hrs
PHIL 330 Ethics		

B. Foreign Language Requirement 6 sem. hrs

C. Multicultural Requirement 3 sem. hrs

Courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk.

D. Core Requirements 48 sem. hrs

(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

ACCT 280	Accounting I	3 hrs
ACCT 281	Accounting II	3 hrs
* ECON 293	Macroeconomics	3 hrs
ECON 294	Microeconomics	3 hrs
FINC 298	Personal Financial Planning	3 hrs
FINC 350	Business Finance	3 hrs

MATH 250	Statistics I or	3 hrs
	BIOL/PSYC/SOCI 324 Statistics for the Behavioral and Natural Sciences	
MGMT 254	Business Communication	3 hrs
MGMT 265	Business Law I	3 hrs
MGMT 330	Principles of Management	3 hrs
* MGMT 338	International Business	3 hrs
MGMT 368	Business Ethics	3 hrs
MGMT 393	Business Information Systems	3 hrs
MGMT 430	Management Science	3 hrs
MGMT 479	Strategic Management	3 hrs
MKTG 310	Principles of Marketing	3 hrs

E. Major Requirements (Optional)	18 sem. hrs
F. Electives	4-7 sem. hrs
	120 sem. hrs

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

A. General Education Requirements 38-41 sem. hrs

Ethics Course Requirement:

MGMT 368	Business Ethics or	3 hrs
PHIL 330	Ethics	

B. Multicultural Requirement

Courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk.

C. Core Requirements 48 sem. hrs

(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

ACCT 280	Accounting I	3 hrs
ACCT 281	Accounting II	3 hrs
* ECON 293	Macroeconomics	3 hrs
ECON 294	Microeconomics	3 hrs
FINC 298	Personal Financial Plan- ning	3 hrs
FINC 350	Business Finance	3 hrs
MATH 250	Statistics I or	3 hrs
	BIOL/PSYC/SOCI 324 Statistics for the Behavioral and Natural Sciences	
MGMT 254	Business Communication	3 hrs
MGMT 265	Business Law I	3 hrs
MGMT 330	Principles of Management	3 hrs
* MGMT 338	International Business	3 hrs
MGMT 368	Business Ethics	3 hrs
MGMT 393	Business Information Systems	3 hrs
MGMT 430	Management Science	3 hrs

MGMT 479	Strategic Management	3 hrs
MKTG 310	Principles of Marketing	3 hrs

D. Business Electives 21 sem. hrs

Nine of the remaining 21 hours of Business electives must be 300- or 400-level courses and must be taken at Columbia College. Major requirements may be fulfilled within this category. In the Public Relations and Advertising Major, six hours of non-business courses chosen from one of the tracks will count as business electives in this category.

E. Electives 7-10 sem. hrs

120 sem. hrs

In general, 300-level courses in the Business Administration Professional Core or Electives Groups are taken after students have completed the freshman and sophomore years (4 full semesters). However, students who have completed 45 semester hours and who have a cumulative grade-point average of 2.75 or above are eligible to take 300-level business core courses during the second semester of the sophomore year.

A student can complete no more than two internships in business administration, each carrying no more than three semester hours of credit.

ACCOUNTING MAJOR

Students who elect to earn a major in Accounting must complete nine semester hours of required courses and nine semester hours of elective courses drawn from the courses listed below. Courses in the major cannot be taken as Pass/Fail.

Required Courses 9 hrs

(All courses must be completed with a grade of C or higher.)

ACCT 382	Intermediate Accounting I	3 hrs
ACCT 383	Intermediate Accounting II	3 hrs
ACCT 386	Managerial and Cost Accounting	3 hrs

Elective Courses 9 hrs

ACCT 381	Federal Income Tax – Individuals	3 hrs
ACCT 384	Intermediate Accounting III	3 hrs
ACCT 385	Accounting Information Systems	3 hrs
ACCT 481	Federal Income Tax – Corporations	3 hrs
ACCT 485	Fund and Government Accounting	3 hrs
ACCT 488	Advanced Financial Accounting	3 hrs
ACCT 489	Auditing I	3 hrs
ACCT 490	Auditing II	3 hrs
FINC 396	Corporate Finance	3 hrs

Three hours of Accounting Internship or three hours of Directed Study may be substituted for one of the elective courses.

FINANCE MAJOR

Students who elect to earn a major in Finance must complete nine semester hours of required courses and nine semester hours of elective courses drawn from the courses listed below. Courses in the major cannot be taken as Pass/Fail.

Required Courses 9 hrs

(All courses must be completed with a grade of C or higher.)

FINC 354	Investments	3 hrs
FINC 395	Financial Markets and Institutions	3 hrs
FINC 498	Comprehensive Financial Planning	3 hrs

Elective Courses 9 hrs

ACCT 381	Federal Income Tax – Individual	3 hrs
ACCT 386	Managerial and Cost Accounting	3 hrs
FINC 295	Risk and Insurance	3 hrs
FINC 298	Personal Financial Planning	3 hrs
FINC 396	Corporate Finance	3 hrs
FINC 397	Principles of Real Estate	3 hrs
FINC 410	Sports Finance	3 hrs
FINC 433	Topics	3 hrs
FINC 495	International Finance	3 hrs
FINC 496	Financial Management	3 hrs
FINC 499	Internship in Business (maximum)	3 hrs

HEALTHCARE MANAGEMENT MAJOR

Students who elect to earn a major in Healthcare Management must complete the courses listed below. Courses in the major cannot be taken as Pass/Fail.

Required Courses 18 hrs

(All courses must be completed with a grade of C or higher.)

ECON 320	The Economics of Health-care	3 hrs
MGMT 340	Introduction to Healthcare Management	3 hrs
MGMT 353	Legal and Ethical Aspects of Healthcare	3 hrs
MGMT 360	Organizational Theory	3 hrs
MGMT 361	Human Resource Management	3 hrs
PHIL 460	Biomedical Ethics	3 hrs

HUMAN RESOURCE MANAGEMENT MAJOR (Some courses must be taken Online or via the Evening Campus).

Students who elect to earn a major in Human Resource Management must complete twelve hours of required courses and six hours of elective courses drawn from the courses listed below. Courses in the major cannot be taken Pass/Fail.

Required Courses 12 hrs

(All courses must be completed with a grade of C or higher.)

MGMT 361	Human Resource Management	3 hrs
MGMT 362	Organizational Behavior	3 hrs
MGMT 364	Workforce Planning and Development	3 hrs
MGMT 365	Compensation and Benefit Systems	3 hrs

Elective Courses 6 hrs

COMM 303	Intercultural Communication	3 hrs
MGMT 339	Cross-Cultural Management	3 hrs
MGMT 360	Organizational Theory	3 hrs
MGMT 367	Business Law II	3 hrs
MGMT 375	Labor Relations	3 hrs
MGMT 430	Management Science	3 hrs
MGMT 461	Human Resource Development	3 hrs
POSC 326	International Law and Organizations	3 hrs
PSYC 336	Industrial/Organizational Psychology	3 hrs
PSYC/SOCI 360	Social Psychology	3 hrs

INTERNATIONAL BUSINESS MAJOR

Students who elect to earn a major in International Business must complete twelve hours of required courses and six hours of elective courses drawn from the courses listed below. Courses in the major cannot be taken as Pass/Fail.

Required Courses 12 hrs

(All courses must be completed with a grade of C or higher.)

MGMT 338	International Business	3 hrs
MGMT 339	Cross-Cultural Management	3 hrs
MKTG 410	Global Marketing	3 hrs
FINC 495	International Finance	3 hrs

Elective Courses 6 hrs

COMM 303	Intercultural Communication	3 hrs
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POSC 292	International Relations	3 hrs
POSC 321	Politics of Developing Nations	3 hrs
POSC 322	International Law and Organization	3 hrs
POSC 360	U.S. Foreign Policy	3 hrs

Highly Recommended: Knowledge of a foreign language or a minor in a foreign language.

MANAGEMENT MAJOR

Students who elect to earn a major in management must complete nine hours of required courses; and nine elective hours with a MGMT prefix, three hours of which must be 300-400 level courses. Courses in the major cannot be taken as Pass/Fail.

Required Courses 9 hrs

(All courses must be completed with a grade of C or higher.)

MGMT 339	Cross-Cultural Management	3 hrs
MGMT 361	Human Resource Management	3 hrs
MGMT 362	Organizational Behavior	3 hrs

Elective Courses 9 hrs

Any three courses with a MGMT prefix, 3 hours of which must be 300- 400-level courses.

MARKETING MAJOR

Students who elect to earn a major in Marketing must complete nine hours of required courses and nine elective hours with a MKTG prefix. Courses in the major cannot be taken as Pass/Fail.

Required Courses 9 hrs

(All courses must be completed with a grade of C or higher.)

MKTG 331	Consumer Behavior	3 hrs
MKTG 441	Marketing Research	3 hrs
MKTG 478	Marketing Management	3 hrs

Elective Courses 9 hrs

MKTG 327	Retail Management and Strategies	3 hrs
MKTG 332	Public Relations	3 hrs
MKTG 335	Advertising and Sales Promotion	3 hrs
MKTG 352	Personal Selling and Sales Management	3 hrs
MKTG 360	E-Marketing	3 hrs
MKTG 399/499	Internship <u>or</u>	3 hrs
MKTG 433	SIFE	3 hrs
MKTG 410	Global Marketing	3 hrs
MKTG 480	Sports and Event Marketing	3 hrs

PUBLIC RELATIONS AND ADVERTISING MAJOR

Students who elect to earn a major in Public

Relations and Advertising must complete fifteen hours of required Business Administration courses, three hours of electives chosen from a select group of three courses and twelve hours of required courses chosen from either the Public Relations Track or the Advertising Track for a total of thirty semester hours. Six hours of non-business courses chosen from one of the tracks will count as business electives in the Bachelor of Science in Business Administration degree. Courses in the major cannot be taken as Pass/Fail.

Required Business Administration Courses 15 hrs

(All courses must be completed with a grade of C or higher.)

MKTG 332	Public Relations	3 hrs
MKTG 335	Advertising and Sales Promotions	3 hrs
MKTG 360	E-Marketing	3 hrs
MKTG 399	Internship	3 hrs
MKTG 420	Readings in Public Relations	3 hrs

Public Relations Track 12 hrs

COMM 214	Mass Communication in Society	3 hrs
COMM 393	Organizational Communication	3 hrs
ENGL 204	Technical Writing	3 hrs
ENGL 420	Advanced Editing and Revision	3 hrs

Advertising Track 12 hrs

ARTS 140	2-D Design	3 hrs
ARTS 216	Graphic Design I	3 hrs
COMM 214	Mass Communication in Society	3 hrs
COMM 393	Organizational Communication	3 hrs

Elective 3 hrs

COMM 303	Intercultural Communication	3 hrs
COMM/WMST 343	Gender Communication	3 hrs
COMM 344	Visual Communication and Culture	3 hrs

SPORTS MANAGEMENT MAJOR (BACHELOR OF ARTS ONLY)

Students who elect to earn a major in Sports Management must complete twelve hours of required courses and nine elective hours. Students should choose their elective hours carefully based on their employment goals. Courses in the major cannot be taken as Pass/Fail.

Required Courses 12 hrs

(All courses must be completed with a grade of C or higher.)

MGMT 341	Small Business Management	3 hrs
MGMT 430	Management Science	3 hrs
MGMT 499	Internship	3 hrs
MKTG 480	Sports and Event Marketing	3 hrs

Elective Courses 9 hrs

BIOL 223	Anatomy	3 hrs
BIOL 223L	Anatomy Laboratory	2 hrs
BIOL 326	Physiology	3 hrs
BIOL 326L	Physiology Laboratory	2 hrs
EDUC 233	Topics: Theory of Coaching	2 hrs
MGMT 361	Human Resource Management	3 hrs
MGMT 362	Organizational Behavior	3 hrs
MKTG 332	Public Relations	3 hrs
MKTG 335	Advertising and Sales Promotion	3 hrs
PHED 100	Integrated Fitness I	.5 hr
PHED 101	Integrated Fitness II	.5 hr
PHED 140	First Aid and CardioPulmonary Resuscitation (CPR)	2 hrs
PHED 150	Basic Care & Prevention of Athletic Injuries	2 hrs
PHED 350	Advanced Care, Prevention and Rehabilitation of Athletic Injuries and Illnesses	3 hrs
SOCI 230	The Sociology of Sport	3 hrs

Students who have employment goals with non-professional or semi-professional organizations such as fitness centers or community centers should select their electives from the following:

BIOL 223	Anatomy	3 hrs
BIOL 223L	Anatomy Laboratory	2 hrs
BIOL 326	Physiology	3 hrs
BIOL 326L	Physiology Laboratory	2 hrs
EDUC 233	Topics: Theory of Coaching	2 hrs
PHED 100	Integrated Fitness I	.5 hr
PHED 101	Integrated Fitness II	.5 hr
PHED 140	First Aid and CardioPulmonary Resuscitation (CPR)	2 hrs
PHED 150	Basic Care & Prevention of Athletic Injuries	2 hrs
PHED 350	Advanced Care, Prevention and Rehabilitation of Athletic Injuries and Illnesses	3 hrs

Students who have employment goals with professional or semi-professional sports organizations should select their electives from the following:

MGMT 361	Human Resource Management	3 hrs
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MGMT 362	Organizational Behavior	3 hrs
MKTG 332	Public Relations	3 hrs
MKTG 335	Advertising and Sales Promotion	3 hrs
SOCI 230	The Sociology of Sport	3 hrs

ASSOCIATE IN SCIENCE IN BUSINESS ADMINISTRATION

See degree requirements, page 94.

CHEMISTRY

Department: Science

Chairperson: Frank Somer, Ph.D.

Full-Time Faculty: Christopher Babayco
Julie Estabrooks, Ph.D.
Alan James, Ph.D.
Nathan Means, Ph.D.
Frank Somer, Ph.D.
Kent Strodman, Ph.D.
Peggy Wright, Ph.D.

Degrees: Bachelor of Arts in Chemistry

Major: Chemistry

Minors: Biology
Chemistry
Environmental Science

Culminating Experience Course:
CHEM 490 Senior Seminar

Because the study of chemistry provides students with both the knowledge of the composition, properties and transformations of chemicals and the ability to analyze, synthesize and quantitate, chemistry is a science central to all other scientific fields. The primary mission of the Chemistry major at Columbia College is to prepare students for employment in the chemical industry or in chemical education by providing them with a clear understanding of the underlying principles of chemistry and the ability to use analytical skills to produce this insight. Because the principles and theories of chemistry are emphasized in the program, students are also furnished with a strong foundation for graduate and professional study in chemistry or health-related professions.

Students who have completed the B.A. program in Chemistry from Columbia College should possess:

1. An understanding of the composition, properties and transformations of inorganic and organic chemical substances.
2. An understanding of chemical principles, models

and theories used to rationalize and predict chemical phenomena.

- Proficiency in laboratory skills including chemical synthesis, instrumental analysis and quantitative measurement.
- The ability to properly observe experiments, record results, and critically interpret those results through the use of mathematical and statistical analysis.
- Competence in scientific writing and oral presentations; familiarity with the use of chemical literature.
- An understanding of the importance of ethics and values in their professional lives.
- The proper background for employment in chemistry-related technical, industrial or educational fields.
- The foundation to continue graduate study in chemistry-related fields or professional health-related programs.

Core Requirements:

<u>Even Fall</u>	<u>Odd Fall</u>	<u>Even Spring</u>	<u>Odd Spring</u>	<u>Occasional</u>
CHEM 110	CHEM 110	CHEM 110	CHEM 110	
CHEM 111L	CHEM 111L	CHEM 111L	CHEM 111L	
CHEM 112	CHEM 112	CHEM 112	CHEM 112	
CHEM 112L	CHEM 112L	CHEM 112L	CHEM 112L	
CHEM 306	CHEM 306	CHEM 312	CHEM 312	
CHEM 310	CHEM 310	CHEM 312L	CHEM 312L	
CHEM 310L	CHEM 310L	CHEM/	CHEM/	
CHEM 490	CHEM 490	PHYS 401	PHYS 401	
MATH 201	MATH 201	CHEM 490	CHEM 490	
PHYS 111	PHYS 111	MATH 201	MATH 201	
PHYS 111L	PHYS 111L	PHYS 112	PHYS 112	
		PHYS 112L	PHYS 112L	

Electives:

<u>Even Fall</u>	<u>Odd Fall</u>	<u>Even Spring</u>	<u>Odd Spring</u>	<u>Occasional</u>
	CHEM 322	BIOL/ CHEM 420	BIOL/ CHEM 420	CHEM 307 CHEM/ ENVS 230
		BIOL/ CHEM 420L	BIOL/ CHEM 420L	

BACHELOR OF ARTS IN CHEMISTRY

A. General Education Requirements 38-41 sem. hrs

Ethics Course Requirement 3 hrs
PHIL 330 Ethics

B. Foreign Language Requirement 6 sem. hrs

C. Multicultural Requirement 3 sem. hrs

Courses that meet this requirement can be found on page 32-33.

D. Core Requirements 46 sem. hrs

(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

CHEM 110	Chemistry I	3 hrs
CHEM 111L	Introductory Chemistry	2 hrs

	Laboratory Experience	
CHEM 112	Chemistry II	3 hrs
CHEM 112L	Chemistry II Laboratory	2 hrs
CHEM 306	Analytical Chemistry I	5 hrs
CHEM 310	Organic Chemistry I	3 hrs
CHEM 310L	Organic Chemistry I Laboratory	2 hrs
CHEM 312	Organic Chemistry II	3 hrs
CHEM 312L	Organic Chemistry II Laboratory	2 hrs
CHEM 401	Physical Chemistry	3 hrs
CHEM 490	Senior Seminar in Chemistry	3 hrs
MATH 201	Calculus and Analytic Geometry I	5 hrs
PHYS 111	College Physics I	3 hrs
PHYS 111L	Physics I Laboratory	2 hrs
PHYS 112	College Physics II	3 hrs
PHYS 112L	Physics II Laboratory	2 hrs

E. Chemistry Electives 5 sem. hrs

CHEM/ENVS 230	Environmental Toxicology and Chemistry	3 hrs
CHEM 307	Analytical Chemistry II	5 hrs
CHEM 322	Inorganic Chemistry	3 hrs
CHEM 420	Biochemistry	3 hrs
CHEM 420L	Biochemistry Laboratory	2 hrs
CHEM 433	Topics	3 hrs
CHEM	Directed Study 255,256, 257, 257, 355, 356, 357, 455, 456, 457	1-5 hrs

F. Electives 19-22 sem. hrs

120 sem. hrs

G. MATH 222 Calculus and Analytic Geometry II is recommended for students planning to pursue graduate study in chemistry.

COMPUTER INFORMATION SYSTEMS/SCIENCE

Department: Computer and Mathematical Sciences

Chair: Suzanne Tourville, Ph.D.

Full-Time Faculty: Kenneth Felts, II, Ph.D.
Nataliya Latushkina, Ph.D.
Yihsiang Liow, Ph.D.
Ann Schlemper, Ph.D.
Suzanne Tourville, Ph.D.
Seth Warn, Ph.D.
Yulong Zhuang, Ph.D.

Degrees: Bachelor of Science in Computer Information Systems

**Bachelor of Science in
Computer Science**
**Bachelor of Science in
Management Information
Systems**
**Associate of Science in
Computer Information
Systems**

Minors: **Computer Information Systems**
Computer Science
Mathematics

Culminating Experience Courses:

**CISS 493 Senior Seminar in
Computer Information
Systems (Computer
Information Systems)**

**CISS 494 Senior Seminar in
Computer Science
(Computer Science)**

The Computer and Mathematical Sciences Department offers Bachelor of Science degrees in computer science, computer information systems, management information systems as well as mathematics. The degrees provide a liberal arts education while emphasizing preparation for either graduate school or a rewarding career. Students are provided with a rigorous theoretical background coupled with practical and essential skills to begin either a rewarding career in the computer field or advanced studies in graduate school. The programs reflect important trends and developments in the computer field.

The computer degree programs are based on Computing Curricula 2001 prepared by the Association for Computing Machinery (ACM) and the IEEE Computer Society. The computer science degree has a significant mathematics component while the computer information systems and management information systems degrees require several business courses. The degrees provide a wide variety of elective courses that allow the student to tailor a program of study to match their interests.

Students majoring in Computer Science, Computer Information Systems or Management Information Systems are required to purchase a laptop computer no later than the semester in which they enroll in CISS 245 Advanced Programming.

Course Rotation Schedule

Core Requirements:

<u>Even Fall</u>	<u>Odd Fall</u>	<u>Even Spring</u>	<u>Odd Spring</u>	<u>Occasional</u>
ACCT 280	ACCT 280	ACCT 280	ACCT 280	
ACCT 281	ACCT 281	ACCT 281	ACCT 281	
CISS 240	CISS 240	CISS 240	CISS 240	
CISS 245	CISS 245	CISS 245	CISS 245	
CISS 285	CISS 285	CISS 325	CISS 325	
CISS 493	CISS 358	CISS 350	CISS 350	
CISS 494	CISS 360	CISS 420	CISS 430	
FINC 350	CISS 493	CISS 445	CISS 493	
MATH 180	CISS 494	CISS 493	CISS 494	
MATH 201	FINC 350	CISS 494	FINC 350	
MATH 225	MATH 180	FINC 350	MATH 180	
MATH 250	MATH 201	MATH 180	MATH 201	
MGMT 330	MATH 225	MATH 201	MATH 250	
	MATH 250	MATH 250	MATH 325	
	MGMT 330	MATH 325	MGMT 330	
		MGMT 330		

Electives:

<u>Even Fall</u>	<u>Odd Fall</u>	<u>Even Spring</u>	<u>Odd Spring</u>	<u>Occasional</u>
CISS 234	CISS 234	CISS 236	CISS 370	CISS 238
CISS/	CISS 380	CISS 420	CISS/	CISS 301
MATH 362	CISS 391	CISS 438	MATH 451	CISS 302
CISS 375	CISS 410	CISS 445		
CISS 390	CISS 472			
CISS 450				
CISS 465				
CISS 472				

**BACHELOR OF SCIENCE IN COMPUTER
INFORMATION SYSTEMS**

**A. General Education 38-41 sem. hrs
Requirements**

Ethics Course Requirement: 3 hrs

MGMT 368 Business Ethics or

PHIL 330 Ethics

B. Multicultural Requirement 3 sem. hrs

Courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major below with an asterisk.

C. Core Requirements 41 sem. hrs

(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken Pass/Fail.)

CISS 240	Introduction to Programming	4 hrs
CISS 245	Advanced Programming	4 hrs
CISS 285	Structured Systems Analysis & Design	3 hrs
CISS 325	Systems Analysis, Design & Implementation Projects	3 hrs
CISS 350	Advanced Algorithms and Data Structures	3 hrs
CISS 360	Computer Systems and Assembly Language	3 hrs
CISS 430	Introduction to Database Systems	3 hrs

CISS 493	Senior Seminar in Computer Information Systems	3 hrs
ACCT 280	Accounting I	3 hrs
ACCT 281	Accounting II	3 hrs
MGMT 330	Principles of Management	3 hrs
FINC 350	Business Finance	3 hrs
MATH 250	Statistics I	3 hrs

D. Computer Information Systems Electives 18 sem. hrs

Eighteen hours selected from the following courses:

CISS 234	Visual Basic or	3 hrs
CISS 236	COBOL Programming or	
CISS 238	Java Programming	
CISS 355	Directed Study	3 hrs
CISS 370	Operating Systems or	3 hrs
CISS 301	Operating Systems for Business Computing	
CISS 375	Compiler Construction	3 hrs
CISS 380	Computer Graphics	3 hrs
* CISS 390	Global Information Systems Management	3 hrs
CISS 391	Information Systems Security	3 hrs
CISS 410	Computer Networks and Communications or	3 hrs
CISS 302	Business Data Communications & Networking	
CISS 420	Computer Architecture	3 hrs
CISS 433	Topics in Information Systems	1-3 hrs
CISS 438	Object-Oriented Analysis Design	3 hrs
CISS 445	Programming Languages	3 hrs
CISS 450	Artificial Intelligence	3 hrs
CISS 455	Directed Study	3 hrs
CISS 465	Software Engineering	3 hrs
CISS 472	Data Warehousing and Decision Support Systems	3 hrs
CISS 499	Internship	1-6 hrs

NOTE: ECON 294 Microeconomics, MKTG 310 Principles of Marketing, MGMT 362 Organizational Behavior, and PSYC 101 General Psychology are highly recommended courses for this degree.

E. Electives 20-23 sem. hrs
120 sem. hrs

F. CISS 493 Senior Seminar in Computer Information Systems is the culminating evaluative course for the Computer Information Systems Program and includes the assessment of outcomes of the program. All students majoring in

Computer Information Systems must pass this course.

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

A. General Education Requirements 38-41 sem. hrs

Ethics Course Requirement: 3 hrs
PHIL 330 Ethics

B. Multicultural Requirement 3 sem. hrs

Courses that meet this requirement can be found on pages 32-33.

C. Core Requirements 46 sem. hrs

(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

CISS 240	Introduction to Programming	4 hrs
CISS 245	Advanced Programming	4 hrs
CISS 285	Structured Systems Analysis & Design	3 hrs
CISS 350	Advanced Algorithms and Data Structures or	3 hrs
CISS 358	Algorithm Analysis	3 hrs
CISS 360	Computer Systems and Assembly Language	3 hrs
CISS 420	Computer Architecture	3 hrs
CISS 430	Introduction to Database Systems	3 hrs
CISS 445	Programming Languages	3 hrs
CISS 494	Senior Seminar in Computer Science	3 hrs
MATH 180	Precalculus	3 hrs
MATH 201	Calculus and Analytic Geometry I	5 hrs
MATH 225	Discrete Mathematics I	3 hrs
MATH 250	Statistics I	3 hrs
MATH 325	Discrete Mathematics II	3 hrs

D. Computer Science Electives 15 sem. hrs

Fifteen hours selected from the following elective courses:

CISS 234	Visual Basic or	3 hrs
CISS 236	COBOL Programming or	3 hrs
CISS 238	Java Programming	3 hrs
CISS 355	Directed Study	3 hrs
CISS 362	Introduction to Automata Theory, Languages and Computation	3 hrs
CISS 370	Operating Systems	3 hrs
CISS 375	Compiler Construction	3 hrs
CISS 380	Computer Graphics	3 hrs
CISS 410	Computer Networks and Communications	3 hrs

CISS 433	Topics in Information Systems	1-3 hrs
CISS 438	Object-Oriented Analysis and Design	3 hrs
CISS 450	Artificial Intelligence	3 hrs
CISS 451	Introduction to Cryptography & Computer Security	3 hrs
CISS 455	Directed Study	3 hrs
CISS 465	Software Engineering	3 hrs
CISS 472	Data Warehousing and Decision Support Systems	3 hrs
CISS 499	Internship	1-6 hrs

D. Electives 15-18 sem. hrs

120 sem. hrs

E. CISS 494 Senior Seminar in Computer Science, is the culminating evaluative course for the Computer Science Program and includes the assessment of outcomes of the program. All students majoring in Computer Science must pass this course.

BACHELOR OF SCIENCE IN MANAGEMENT INFORMATION SYSTEMS

See degree requirements, page 83.

ASSOCIATE IN SCIENCE IN COMPUTER INFORMATION SYSTEMS

See degree requirements, pages 94-95.

CRIMINAL JUSTICE ADMINISTRATION

Department: Criminal Justice Administration and Human Services

Chairperson: Barry Langford, J.D.

Full-Time Faculty: Joseph Carrier, Ph.D.
Barry Langford, J.D.
Michael Lyman, Ph.D.

Degrees: Bachelor of Arts in Criminal Justice Administration
Bachelor of Science in Criminal Justice Administration
Bachelor of Science in Forensic Science
Associate of Science in Criminal Justice Administration

Minors: Criminal Justice Administration
Criminology
Legal Studies

Certificate: Crime Scene Investigation

Culminating Experience Course:

CJAD 495 Integrative Seminar

The Criminal Justice Administration Program is designed to permit the pursuit of different professional career goals while integrating the general study of criminal justice and law with other relevant disciplines. A degree in criminal justice administration prepares students for entry-level employment in the field, for promotion and leadership roles and for graduate study.

The program provides career enhancing opportunities through practicum and internship opportunities. It provides an excellent academic foundation for students planning to go on to graduate studies or law school.

Two baccalaureate degrees are offered in Criminal Justice Administration: the Bachelor of Arts and the Bachelor of Science.

Students considering either a BS or BA degree should consider their own experience in the criminal justice area. For students currently working in the criminal justice field the BA is recommended. For those desiring to enter the field, the BS degree is recommended; the BS degree offers practicum and internship experiences that add to the student's understanding of the criminal justice career area.

Course Rotation Schedule

Core Requirements:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
CJAD 101	CJAD 101	CJAD 101	CJAD 101	CJAD 425
CJAD 301	CJAD 301	CJAD 325	CJAD 350	
CJAD 311	CJAD 311	CJAD 350	CJAD 390	
CJAD 345	CJAD 320	CJAD 390	CJAD 415	
CJAD 390	CJAD 345	CJAD 405	CJAD 495	
CJAD 451	CJAD 390	CJAD 415	CJAD 499	
CJAD 499	CJAD 499	CJAD 495	HUMS 300	
POSC 390	PSYC/BIOL/	CJAD 499	POSC 340	
PSYC/BIOL/	SOCI 324	HUMS 300	PSYC/BIOL/	
SOCI 324	PSYC/	POSC 340	SOCI 324	
PSYC/	SOCI 325	PSYC/BIOL/	PSYC/	
SOCI 325	SOCI 321	SOCI 324	SOCI 325	
SOCI 321		PSYC/	SOCI 331	
		SOCI 325		

BACHELOR OF ARTS IN CRIMINAL JUSTICE ADMINISTRATION

A. General Education Requirements **38-41 sem. hrs**

Ethics Course Requirement: **3 hrs**

CJAD 345 Ethics and Morality
in Criminal Justice **or**

PHIL 330 Ethics

B. Foreign Language Requirement 6 sem. hrs

C. Multicultural Requirement 3 sem. hrs
Courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk.

D. Core Requirements 42 sem. hrs
(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail):

CJAD 101	Introduction to Criminal Justice Administration	3 hrs
CJAD 301	Criminal Law	3 hrs
CJAD 311	Police in a Democratic Society	3 hrs
* CJAD 320	Cultural Diversity in Criminal Justice	3 hrs
CJAD 325	Juvenile Justice System and Procedures	3 hrs
CJAD 345	Ethics and Morality in Criminal Justice	3 hrs
CJAD 350	Corrections and Penology	3 hrs
CJAD 405	Laws of Criminal Evidence	3 hrs
CJAD 415	Criminal Procedures	3 hrs
CJAD 451	Management of Criminal Justice Agencies	3 hrs
CJAD 495	Integrative Seminar	3 hrs
HUMS 300	Exploring Research <u>or</u>	3 hrs
POSC 390	Political Science Research Methods <u>or</u>	
CJAD 425	Legal Research & Writing <u>or</u>	
PSYC/SOCI 325	Quantitative Research Methods	
POSC 340	Judicial Process	3 hrs
SOCI 321	Criminology <u>or</u>	3 hrs
SOCI 331	Juvenile Delinquency	

E. Behavioral and Social Sciences Electives` 6 sem. hrs

Three semester hours must be Criminal Justice electives. The remaining 3 hours must be from one of the following: Sociology, Political Science, Psychology or Human Services.

F. Electives (without CSI Certificate hours) 22-25 sem. hrs**G. Certificate in Crime Scene Investigation (Optional) 15 sem hrs**

120 sem. hrs

H. CJAD 495 Integrative Seminar. Candidates for the baccalaureate degree with a major in Criminal Justice must pass, with a grade of C or

higher, a culminating evaluative experience.

BACHELOR OF SCIENCE IN CRIMINAL JUSTICE ADMINISTRATION**A. General Education Requirements 38-41 sem. hrs**

Ethics Course Requirement: 3 hrs
CJAD 345 Ethics and Morality in Criminal Justice or PHIL 330 Ethics

B. Multicultural Requirement 3 sem. hrs
Courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk.

C. Core Requirements 51 sem. hrs
(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail)

CJAD 101	Introduction to Criminal Justice Administration	3 hrs
CJAD 301	Criminal Law	3 hrs
CJAD 311	Police in a Democratic Society	3 hrs
* CJAD 320	Cultural Diversity in Criminal Justice	3 hrs
CJAD 325	Juvenile Justice System and Procedures	3 hrs
CJAD 345	Ethics and Morality in Criminal Justice	3 hrs
CJAD 350	Corrections and Penology	3 hrs
CJAD 390	Criminal Justice Practicum	3 hrs
CJAD 405	Laws of Criminal Evidence	3 hrs
CJAD 415	Criminal Procedures	3 hrs
CJAD 451	Management of Criminal Justice Agencies	3 hrs
CJAD 495	Integrative Seminar	3 hrs
CJAD 499	Internship	3 hrs
POSC 340	Judicial Process	3 hrs
BIOL/PSYC/SOCI 324	Statistics for the Behavioral and Natural Sciences	3 hrs
PSYC/SOCI 325	Quantitative Research Methods	3 hrs
SOCI 321	Criminology <u>or</u>	3 hrs
SOCI 331	Juvenile Delinquency	

D. Behavioral and Social Sciences Electives 9 sem. hrs

Nine semester hours of electives chosen from the following areas of study: Human Services, Criminal Justice Administration, Political Science, Psychology and Sociology.

E. Electives (without CSI Certificate hours)	16-19 sem. hrs
F. Certificate in Crime Scene Investigation (Optional)	15 sem. hrs
	120 sem. hrs
G. Candidates for the baccalaureate degree with a major in Criminal Justice must pass, with a grade of C or higher, CJAD 495 Integrative Seminar, as a culminating evaluative experience.	

ASSOCIATE IN SCIENCE IN CRIMINAL JUSTICE ADMINISTRATION

See degree requirements, page 95.

CERTIFICATE IN CRIME SCENE INVESTIGATION

Students desiring a concentration in the identification, documentation and preservation of evidence at crime scenes may choose a *Certificate in Crime Scene Investigation* as part of their degree completion plan. The CSI certificate will appear on the student's academic transcript and provide evidence that the student has satisfied academic requirements for departmentally recognized courses in the area. The CSI certificate consists of successful completion of 15 semester hours of designated coursework. The student must successfully complete 9 of these semester hours at Columbia College. To qualify for the awarding of the certificate, each Columbia College course that comprises the certificate must be completed with a minimum grade of "B."

Certificate Requirements: Students are required to complete a mandatory 9 semester hour core block of courses with 6 additional discretionary hours chosen from a list of pre-approved courses. These courses are:

Required:	9 sem. hrs
CJAD 201 Criminal Investigation	3 hrs
CJAD 203 Crime Scene Investigation	3 hrs
CJAD 303 Crime Scene Photography	3 hrs

Electives:	6 sem. hrs
(Taken from the following list)	
CJAD 305 Forensic Anthropology	3 hrs
CJAD 327 Fingerprint Evidence	3 hrs
CJAD 328 Shooting Incidents	3 hrs
CJAD 413 Bloodstain Evidence	3 hrs
CJAD 333/433 Topics: (Departmental approval required)	3 hrs
CJAD 445 Forensic Pathology	3 hrs

Total required: 15 sem. hrs

The CSI Certificate is available only to students who have a declared major in Criminal Justice Administration (BS or BA), a minor in Criminal

Justice or major in Forensic Science (BS). The certificate will be awarded only after successful completion of the student's degree program in one of the above areas.

PARTNERS IN LAW ENFORCEMENT PROGRAM

For students desiring to become law enforcement officers (or if already in law enforcement), Columbia College offers an innovative program: Partners in Law Enforcement. This collaborative initiative between Columbia College and the state's police academies is designed to give students up to 24 semester hours in course equivalencies for successful completion of the academy. To qualify, students must successfully complete a state certified, basic police academy with a minimum of 400 hours. Academies completed over five years prior to applying for equivalency credit will not be considered unless the applicant can demonstrate adequate work experience in the field since completion of the academy. An approved demonstration of work experience is a letter on appropriate letterhead from a supervisor or human resources administrator confirming employment in the field; the letter should include employment dates/history and current position. The specific course equivalencies are listed below:

Core Equivalencies	9 sem. hrs
CJAD 301 Criminal Law	3 hrs
CJAD 311 Police in a Democratic Society	3 hrs
CJAD 415 Criminal Procedures	3 hrs

Criminal Justice lower-level electives	9 sem. hrs
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General electives	6 sem. hrs
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The equivalency policy is effective based on the following provisions:

1. Basic law enforcement academies must be a minimum of 400 hours in length and must have been completed within the five years prior to applying for equivalencies.
2. Students who complete a basic law enforcement academy of less than 400 hours will be eligible to earn up to 12 semester hours of criminal justice elective credit in which one semester hour will be awarded for each 20 hours of training.
3. Students may not be awarded credit for both the Partners in Law Enforcement (PiLE) program and the Partners in

Corrections (PiC) program. Students may not be awarded credit for one of the Partners programs and awarded criminal justice electives for other training.

4. If a student completes an acceptable academy for one of the Partners programs and then subsequently completes a state cross-over training program for the other, then as long as the original academy training meets the eligibility rules for acceptance, the students may choose which program (PiLE or PiC) for which to be awarded credit. Students cannot be awarded credit for both programs.
5. If a student has completed basic academy training for both programs but neither training meets the eligibility rules for PiLE or PiC, then the student may be eligible to earn up to twelve semester hours of criminal justice elective credit in which one semester hour will be awarded for twenty hours of basic law enforcement and corrections academy training. Total credit may not exceed twelve semester hours.
6. Students must have successfully completed fifteen semester hours of college coursework at Columbia College before equivalencies may be applied. Students must notify the Evaluations Office when they are eligible for credit to be applied.

NOTE: Completion of the police academy within the last 36 semester hours of a student's degree program may reduce the number of hours applied under the Partners in Law Enforcement Program.

PARTNERS IN CORRECTIONS PROGRAM

The Columbia College Partners in Corrections Program is designed to give students interested in becoming correctional officers up to 24 semester hours in course equivalencies for successful completion of the corrections basic training academy.

To qualify, students must successfully complete a departmentally mandated corrections academy in any of the 50 states or U.S. territories. The academy must be a departmentally-mandated basic training academy with a minimum 275 hours in length. Academies completed over five years prior to applying for equivalency credit will not be considered unless the applicant can demonstrate adequate work experience in the field since completion of his or her academy. The specific course equivalencies are listed below:

Core Equivalencies 6 sem. hrs

CJAD 320 Cultural Diversity in Criminal Justice 3 hrs

CJAD 345 Ethics and Morality in Criminal Justice 3 hrs

Criminal Justice lower-level electives 9 sem. hrs

General electives 9 sem. hrs

The equivalency policy is based on the following provisions:

1. The academy must be one of basic corrections and required for employment by the respective state in question and must have been completed within five years prior to applying for equivalencies.
2. Students who complete a basic corrections academy consisting of less than 275 hours will be eligible to earn up to 12 semester hours of criminal justice elective credit in which one semester hour will be awarded for each 20 hrs. of basic training.
3. Students must have successfully completed 15 semester hours of college coursework at Columbia College before equivalencies may be applied.

NOTE: Completion of the corrections academy within the last 36 semester hours of a student's degree program may reduce the number of hours applied under the Partners in Corrections Program.

EDUCATION

Department: Education

Chairperson: Karen Weston, Ph.D.

Full-Time Faculty: Linda Bradley
Paul Hanna, Ph.D.
Kristina Miller, Ph.D.
Teresa VanDover, Ph.D.
Karen Weston, Ph.D.

Program/Degrees: Bachelor of General Studies for Elementary Education Certification
Master of Arts in Teaching Teacher Certification Program

Minors: Education, General Art Education, K-12 Certification
Elementary Education Certification

**Middle Level Education
Certification
Secondary Education
Certification**

Chemistry
English
General Science
Mathematics
Social Studies

Culminating Experiences:

Submission of a passing score on the appropriate PRAXIS II Examination constitutes the culminating experience for the Professional Pre-Service Education Program. Students must successfully complete the Program Goals Portfolio Assessment (including the Exit Interview) and the Student Teaching Experience to be recommended for certification. (See page 56 for student teaching eligibility.)

In the Education program, students are expected to earn a bachelor's degree in the content area in which they expect to teach. Education students should declare a major in their content area (i.e. Math, English, History, Science) and a minor in Elementary Education Certification, or Middle Level Education Certification or Secondary Education Certification or Art Education K-12 Certification.

For all students intending to teach, distribution of content hours must meet the Missouri Department of Elementary and Secondary Education (DESE) distribution requirements for certification. Therefore, it is important that students obtain continual advice from a member of the Education faculty throughout their academic and certification sequence. (Specific content area courses are listed on Middle School and Secondary Certification Sections, pages 60-64).

In addition to content area requirements, students seeking certification to teach will need to meet Requirements for Admission into the Teacher Certification Program, complete all requirements for admission to student teaching and successfully complete student teaching to be recommended for certification. Again, it is important that students obtain advice from a member of the Education faculty.

Columbia College offers certification coursework in the following areas:

- Art K-12
- Special Education K-12¹
- Elementary (1-6)
- Middle Level (5-9)
 - English/Language Arts
 - Mathematics
 - Science
 - Social Studies
- Secondary (9-12)
 - Biology
 - Business (Non-Vocational)

¹ Special Education K-12 Certification must be completed via the Post-Baccalaureate Master of Arts in Teaching program.

Course Rotation Schedule

Professional Education Requirements:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
EDUC 102	EDUC 102	EDUC 102	EDUC 102	EDUC 271
EDUC 103	EDUC 103	EDUC 103	EDUC 103	EDUC 372
EDUC 198	EDUC 198	EDUC 105	EDUC 105	
EDUC 200	EDUC 200	EDUC/	EDUC/	
EDUC 298	EDUC 298	PSYC 230	PSYC 230	
EDUC 302	EDUC 302	EDUC 270	EDUC 270	
EDUC 311	EDUC 311	EDUC 300	EDUC 300	
EDUC 322	EDUC 322	EDUC 336	EDUC 336	
EDUC 326	EDUC 326	EDUC 345	EDUC 345	
EDUC 331	EDUC 331	EDUC 359	EDUC 359	
EDUC 338	EDUC 338	EDUC 360	EDUC 360	
EDUC 358	EDUC 358	EDUC 362	EDUC 362	
EDUC/	EDUC/	EDUC 365	EDUC 365	
PSYC 391	PSYC 391	EDUC 367	EDUC 367	
EDUC 398	EDUC 398	EDUC 369	EDUC 369	
EDUC 400	EDUC 400	EDUC 380	EDUC 380	
EDUC 420	EDUC 420	EDUC 390	EDUC 390	
EDUC 422	EDUC 422	EDUC/	EDUC/	
EDUC 424	EDUC 424	PSYC 392	PSYC 392	
EDUC 426	EDUC 426	EDUC 400	EDUC 400	
EDUC 498	EDUC 498	EDUC 420	EDUC 420	
SOCI	SOCI	EDUC 422	EDUC 422	
/ANTH 270	/ANTH 270	EDUC 424	EDUC 424	
		EDUC 426	EDUC 426	
		EDUC 498	EDUC 498	
		SOCI	SOCI	
		/ANTH 270	/ANTH 270	

Admission to the Teacher Certification Program

Education courses numbered 300 and below are open to all students. Students pursuing teacher certification may not enroll in Education courses as pass/fail unless the course is a designated pass/fail course by the Department. Admission to the program is required prior to enrollment in all education courses above 300 (excluding EDUC/ENVS 372, EDUC 390, EDUC/PSYC 391 and EDUC/PSYC 392). Students are required to meet requirements and seek admission as early as possible.

Students who seek admission to the program must have:

- Declared a Bachelor's degree in a subject/ content area (ex. English, History, Business, etc.);
- Completed 5-6 hours of Education courses at Columbia College which must include EDUC 102 and 103;
- Attained the following GPAs:
 - 2.5 or above on all college coursework (Columbia College and other institutions);
 - 2.8 or above on all professional education courses with no grade less than C;
 - 2.8 or above on all content/concentration area

courses with no grade less than C (this GPA must be achieved prior to acceptance for student teaching).

- Demonstrated competencies in written communications, reading comprehension and basic mathematical skills and concepts as verified by a score above the national average on the ACT or equivalent standardized and nationally normed test. Current required scores are available from teacher certification program advisors, the department chair, or the certification officer; [ACT or equivalent may be waived if CBASE composite score is 288 or above (passing all sections)];
- Demonstrated competency in the areas of English, Mathematics, Science and Social Sciences as verified by passing scores on all sections of the Missouri College Basic Academic Skills Examination (CBASE). All sections of the CBASE must be passed within two years from the semester that the test was first taken or all sections of the test expire and must be repeated. [If the student's ACT score is below the national average, they must pass all sections of the CBASE with a minimum composite score of 288.];
- Completed application materials for admission to the Teacher Certification Program (to be obtained from the Certification Officer by appointment) and will include: Request for Admission, GPA Worksheet, and two letters of recommendation (one from the Education Department and one from outside the Education Department).
- All students fully admitted to the Teacher Certification Program will be reviewed on a yearly basis until they have completed or withdrawn from the program. Areas for review could include:
 - GPA (overall, in content area, and education coursework);
 - Reports from faculty members regarding conduct and progress of student.

Transfer Student Admission to the Teacher Certification Program:

Transfer students' admission requirements will differ from the above stated requirements in that:

- Students transferring in their first six (6) hours of education coursework from another institution could be admitted provisionally and would only be required to submit one letter of recommendation from an education faculty member from that institution.
- If admitted provisionally, students would be re-evaluated after one year and also at the time of being fully admitted to the TCP.

Retention Criteria:

- Complete at least six hours of professional education each year.
- Complete Field Experiences and receive favorable evaluations from cooperating teachers and faculty supervisors.
- Maintain a cumulative GPA of 2.5 or above after acceptance to the program.
- Maintain a cumulative GPA of 2.8 or above in professional education courses.
- Department faculty members and staff will document instances of unprofessional behavior. Unprofessional behavior may make the student ineligible for acceptance in the Teacher Certification Program or may result in the immediate dismissal of a student from the Teacher Certification Program. Additional information regarding candidate dismissal can be obtained from the Education Department.

Other requirements for certification that must be completed prior to graduation:

- Successful completion/passing of appropriate Praxis II exam;
- Successful completion of program certification portfolio (EDUC 400) and exit interview.

STUDENT TEACHING PROGRAM

The final clinical experience for teacher certification is Student Teaching. Prior to enrolling in Student Teaching, students must be approved and meet the eligibility requirements listed below. Applications for Student Teaching will be accepted only with verification that the following requirements have been met.

- Formal admission to the Teacher Certification Program (TCP).
- Submission of Student Teaching Application to Field Experience Director.
- Ninety (90) hours or more of college credit successfully completed.
- Grade point average of 2.8 or higher in professional education courses and in subject matter area(s) of concentration with no grade of less than "C."
- Passing PRAXIS II score
- Passing CBASE score (pass all 4 sections of test).
- Proof of liability insurance.
- Completion of the following (this applies to all certification areas):
 - EDUC 102 – Introduction to Education I
 - EDUC 103 – Introduction to Education II
 - EDUC 200 – Law, Ethics and Education
 - EDUC 230 – Educational Psychology
 - EDUC 300 – Techniques of Teaching

- EDUC 311 – Classroom and Behavior Management Techniques

Elementary Certification students must also have completed:

- EDUC 270 – Literature for Children and Adolescents
- EDUC 302 – Teaching Skills
- EDUC 322 – Educational Measurement and Assessment*
- EDUC 331 – Teaching of Reading
- EDUC 336 – Creative and Language Arts in Elementary and Middle School
- EDUC 338 – Teaching Reading in the Content Area*
- EDUC 358 – Teaching Mathematics in the Elementary Schools

(* These courses are required for those seeking Elementary Certification August 2009 or after)

Middle School Certification students must also have completed:

- EDUC 326 – Middle School Methods
- EDUC 331 – Teaching of Reading
- EDUC 336 – Creative and Language Arts in Elementary and Middle School
- EDUC 338 – Teaching of Reading in the Content Area
- Appropriate methods courses for concentration area

Secondary School Certification students and Art K-12 Certification students must also have completed:

- EDUC 322 – Educational Measurement and Assessment
- EDUC 338 – Teaching of Reading in the Content Area
- 75% of required courses in the content/subject area
- Appropriate methods course for content/subject area

Exceptions to these requirements must be approved by the Teacher Certification Program Faculty. Requests for exceptional status must be submitted in writing with the application form to the Field Experience Director.

Student Teaching Application Forms must be submitted by the required date the semester **PRIOR** to the desired student teaching assignment.

Student Teaching Applications must be accompanied by the Student Teaching Requirement Verification form, Personal Data Sheets, and an Autobiography. Permission is based on these materials and a review of the student's communication competence; comprehensive ability; sense of responsibility and level of maturity; and locus of control.

THE BEACON PROGRAM

The Beacon program is a certification program designed so that students can graduate with a baccalaureate degree in their content area as well as certification in their grade level. Students will complete all degree and certification requirements at the undergraduate level.

Students seeking certification to teach will declare a major in their content area (i.e. Math, History, English, Science) and a minor in Elementary Education Certification or Middle Level Education Certification or Secondary Education Certification or Art K-12 Certification. Students will be required to maintain a 2.8 GPA within each minor and complete a minimum of half of the Education coursework through Columbia College.

Certification students must apply and be accepted into the Teacher Certification Program before enrolling in most education courses above 300. Students graduating from this program will be eligible to be recommended for certification to teach in Missouri at the elementary, middle, or secondary school level.

Students pursuing Elementary Education Certification have two degree options:

1. Obtain the Bachelor of General Studies for Elementary Education Certification that includes the Elementary Education Certification Minor and Elementary Education Content Area Minors in Language Arts, Mathematics, Science and Social Studies. **Students must complete all minors to earn this degree.**

2. Obtain a degree in a content area and add the Elementary Education Certification Minor. Recommended content degree programs are listed below.

BACHELOR OF GENERAL STUDIES FOR ELEMENTARY EDUCATION CERTIFICATION STUDENTS

A. General Education Requirements: 38-41 hrs

Basic Studies (12 hours)

CISS 170 Introduction to Computer Systems or	3 hrs
CISS 176 Introduction to Computer Science	
COMM 110 Introduction to Speech	3 hrs
ENGL 112 English Composition II	3 hrs

MATH 150 College Algebra 3 hrs

History (6 hours)

Choose two courses from the following:

HIST 101 Western Civilization I 3 hrs
 HIST 102 Western Civilization II 3 hrs
 HIST 111 World History to 1500 3 hrs
 HIST 112 World History since 1877 3 hrs
 HIST 121 American History to 1877 3 hrs
 HIST 122 American History Since 1877 3 hrs

Arts and Humanities (6 hours)

Choose one or two from the following:

ARTS 105 Art Appreciation 3 hrs
 ARTS 111 Art and Ideas I 3 hrs
 ARTS 112 Art and Ideas II 3 hrs
 MUSI 122 Music Appreciation 3 hrs

Choose none or one of the following:

ARTS 105 Art Appreciation 3 hrs
 ARTS 111 Art and Ideas I 3 hrs
 ARTS 112 Art and Ideas II 3 hrs
 COMM 203 Understanding Human Communication 3 hrs
 COMM 224 Film History & Analysis 3 hrs
 ENGL 123 Introduction to Mythology and Folklore 3 hrs
 ENGL 210 Introduction to Fiction 3 hrs
 ENGL 211 Introduction to Poetry 3 hrs
 ENGL 212 Introduction to Drama 3 hrs
 ENGL 231 English Literature I 3 hrs
 ENGL 232 English Literature II 3 hrs
 ENGL 241 American Literature I 3 hrs
 ENGL 242 American Literature II 3 hrs
 ENGL 263 World Literature I 3 hrs
 ENGL 264 World Literature II 3 hrs
 MUSI 122 Music Appreciation 3 hrs

Natural Sciences and Mathematics (5-6 hours)

ENVS/BIOL 115 Introduction to Environmental Science 3 hrs
 CHEM/PHYS 108 Physical Science Survey 3 hrs

Social and Behavioral Sciences (6 hours)

PSYC 101 General Psychology 3 hrs
 GEOG/ANTH 101 Introduction to Geography 3 hrs

Ethics (3 hours)

EDUC 200 Law, Ethics and Education 3 hrs

B. Multicultural Requirement (3 hours)

SOCI/ANTH 270 Minority Cultures and Relations 3 hrs

C. Elementary Education Certification Minor:

SOCI/ANTH 270 Minority Cultures and Relations 3 hrs
 EDUC 102 Introduction to Education I 1 hr
 EDUC 103 Introduction to Education II 1 hr
 EDUC 105 Human Health 3 hrs
 EDUC 200 Law, Ethics and Education 3 hrs
 EDUC/PSYC 230 Educational Psychology 3 hrs
 EDUC 270 Literature for Children & Adolescents 3 hrs
 EDUC 300 Techniques of Teaching 3 hrs
 EDUC 302 Teaching Skills 3 hrs
 EDUC 311 Classroom and Behavior Management Techniques 3 hrs
 EDUC 322 Educational Measurement & Assessment 3 hrs
 EDUC 331 Teaching of Reading 3 hrs
 EDUC 336 Creative and Language Arts in Elementary & Middle Schools 3 hrs
 EDUC 338 Teaching Reading in the Content Area 3 hrs
 EDUC 358 Teaching Mathematics in the Elementary School 3 hrs
 EDUC 380 Diagnostic & Corrective Reading 3 hrs
 EDUC 390 Education and Psychology of the Exceptional Child 3 hrs
 EDUC/PSYC 391 Child Psychology 3 hrs
 EDUC 400 Senior Seminar 3 hrs
 EDUC 420 Student Teaching in the Elementary School 12 hrs

128 sem. hrs

Elementary Education Content Area Minors in Language Arts, Social Studies, Science and Mathematics

NOTE: Many of these courses also apply toward General Education requirements and the Elementary Education Certification Minor.

Language Arts: (21 hours)

COMM 110 Introduction to Speech 3 hrs
 EDUC 270 Literature for Children and Adolescents 3 hrs
 EDUC 331 Teaching of Reading 3 hrs
 EDUC 336 Creative and Language Arts in Elementary & Middle Schools 3 hrs
 EDUC 338 Teaching Reading in the Content Area 3 hrs
 EDUC 380 Diagnostic & Corrective Reading 3 hrs
 ENGL 112 English Composition II 3 hrs

Mathematics: (21 hours)

CISS 170 Introduction to Computer Information Systems <u>or</u>	3 hrs
CISS 176 Introduction to Computer Science	
EDUC 358 Teaching Mathematics in the Elementary School	3 hrs
MATH 102 Mathematics for the Elementary School Teacher	3 hrs
MATH 150 College Algebra	3 hrs
MATH 170 Finite Mathematics	3 hrs
MATH Electives (above MATH 106)	6 hrs

Science: (21 hours)

BIOL 108 Human Biology <u>or</u>	3 hrs
BIOL 110 Principles of Biology	3 hrs
EDUC105 Human Health	3 hrs
PHYS/CHEM 108 Physical Science Survey	3 hrs
PHYS/CHEM 108L Physical Science Survey Laboratory	2 hrs
ENVS/BIOL 115 Introduction to Environmental Science	3 hrs
ENVS/BIOL 115L Introduction to Environmental Science Laboratory	2 hrs
GEOL 110 Introduction to Physical Geology	3 hrs
BIOL 108L Human Biology Laboratory <u>or</u>	2 hrs
BIOL 110L Principles of Biology Lab <u>or</u>	
GEOL 110L Introduction to Physical Geology Laboratory	

Social Studies: (27 hours)

ECON 293 Macroeconomics	3 hrs
EDUC/PSYC 230 Educational Psychology	3 hrs
EDUC 390 Education and Psychology of the Exceptional Child	3 hrs
EDUC/PSYC 391 Child Psychology	3 hrs
GEOG/ANTH 101 Introduction to Geography	3 hrs
PSYC 101 General Psychology	3 hrs
SOCI/ANTH 270 Minority Cultures and Relations	3 hrs
History courses from "General Education" section listed above	6 hrs

BEACON ELEMENTARY EDUCATION (1-6) CERTIFICATION**General Education 38-41 hrs**

The general education component is to be completed according to Columbia College degree requirements. In order to complete the requirements set forth by the Missouri Department of Elementary and Secondary Education, the following courses must be included in your general education coursework. (Please refer to your entrance year catalog for

specific degree requirements.)

I. Basic Studies and Mathematics

1. MATH 102 – Mathematics for the Elementary School Teacher
2. MATH 150 – College Algebra

II. Arts and Humanities

1. MUSI 122 – Music Appreciation or
ARTS 105 – Art Appreciation or
ARTS 111 – Art and Ideas I or
ARTS 112 – Art and Ideas II

III. Social and Behavioral Sciences

1. PSYC 101 – General Psychology
2. ECON 293 – Macroeconomics or
ECON 294 – Microeconomics
3. GEOG/ANTH 101 – Introduction to Geography

Liberal Arts and Science Degree 39-63 hrs

Students seeking certification in Elementary Education may choose from the following recommended degree areas:

- BA – American Studies
- BA – Art
- BS – Art
- BA – English
- BS – Environmental Science
- BA – History
- BS – Mathematics
- BA – Psychology
- BA – Sociology

Students must complete the degree requirements as set forth by Columbia College. Hours required for completion will vary depending on area chosen. (Please refer to your entrance year catalog for specific degree requirements.)

Please note: certification will be Elementary Education, not content area certification.

Elementary Education Certification Minor 65 hrs

Sixty-two semester hours of courses with an EDUC field code plus SOCI 270. Minor is restricted to the following specific 65 hours of coursework. Students must complete at least half of the education coursework through Columbia College and maintain a 2.8 GPA with no grade less than C.

SOCI/ANTH 270 Minority Cultures and Relations	3 hrs
EDUC 102 Introduction to Education I (Must be taken within first 9 hrs of EDUC classes)	1 hr
EDUC 103 Introduction to Education II (Course will include one hour of field experience: 15 hour placement)	1 hr
EDUC 105 Human Health	3 hrs

EDUC 200	Law, Ethics, and Education (Meets college Ethics requirement) (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC/PSYC 230	Educational Psychology (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 270	Literature for Children & Adolescents	3 hrs
EDUC 300	Techniques of Teaching	3 hrs
EDUC 302	Teaching Skills (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 311	Classroom and Behavior Management Techniques (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 322	Educational Measurement and Assessment	3 hrs
EDUC 331	Teaching of Reading (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 336	Creative and Language Arts Elementary & Middle Schools (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 338	Teaching Reading in the Content Area (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 358	Teaching Math in the Elementary School (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 380	Diagnostic and Corrective Reading (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 390	Education & Psychology of the Exceptional Child	3 hrs
EDUC/PSYC 391	Child Psychology	3 hrs
EDUC 400	Senior Portfolio (This course is to be taken the semester before student teaching)	3 hrs
EDUC 420	Student Teaching in the Elementary Schools [16 wks] (Must receive a "B" or higher for certification)	12 hrs

NOTE: To take any course listed with a field experience component, student must submit application forms by the deadline (semester BEFORE desired enrollment.) See Education Office for deadline information.

BEACON MIDDLE SCHOOL EDUCATION (5-9) CERTIFICATION

General Education 38-41 hrs

The general education component is to be completed according to Columbia College degree requirements. (Please refer to your entrance year catalog for specific degree requirements.)

Liberal Arts and Science Degree 40-63 hrs

Students seeking certification in Middle Level Education may choose from the following recommended degree areas:

- BA – American Studies
- BA – Biology
- BS – Biology
- BA – Chemistry
- BA – English
- BS – Environmental Science
- BA – History
- BS – Mathematics
- BA – Sociology

Students must complete the degree requirements as set forth by Columbia College. Hours required for completion will vary depending on area chosen. (Please refer to your entrance year catalog for specific degree requirements.)

Middle Level Content Area

The Missouri Department of Elementary and Secondary Education (DESE) requires a certain number of hours in the chosen content area. Students seeking Middle Level Education Certification may choose from the following content areas:

- English/Language Arts
- Mathematics
- Science
- Social Studies

Content Area Requirements:

Language Arts (Minimum 27 hours)

COMM 110	Introduction to Speech or	3 hrs
COMM 203	Understanding Human Communication	
COMM 360	Oral Interpretation of Literature	3 hrs
EDUC 336	Creative and Language Arts in Elementary and Middle Schools (Course will include one hour of field experience: 15 hour placement)	3 hrs
ENGL 111	English Composition I	3 hrs
ENGL 112	English Composition II	3 hrs
ENGL 311	Descriptive Grammar of the English Language or	3 hrs
ENGL 312	The History of the English Language	
	Literature Elective	3 hrs

English/Language Arts Electives	6 hrs	SOCI/ANTH 270 Minority Cultures and Relations	3 hrs
Mathematics (Minimum 23 hours)		EDUC 102 Introduction to Education I (Must be taken within first 9 hrs of EDUC classes)	1 hr
CISS 170 Introduction to Computer Information Systems <u>or</u>	3 hrs	EDUC 103 Introduction to Education II (Course will include one hour of field experience: 15 hour placement)	1 hr
CISS 176 Introduction to Computer Science		EDUC 200 Law, Ethics, and Education (Meets college Ethics requirement) (Course will include one hour of field experience: 15 hour placement)	3 hrs
MATH 102 Mathematics for the Elementary School Teacher	3 hrs	EDUC/PSYC 230 Educational Psychology (Course will include one hour of field experience: 15 hour placement)	3 hrs
MATH 150 College Algebra	3 hrs	EDUC 270 Literature for Children and Adolescents	3 hrs
MATH 201 Calculus and Analytic Geometry I	5 hrs	EDUC 300 Techniques of Teaching	3 hrs
MATH 250 Statistics I	3 hrs	EDUC 311 Classroom and Behavior Management Techniques (Course will include one hour of field experience: 15 hour placement)	3 hrs
Math Electives (above MATH 106)	6 hrs	EDUC 322 Educational Measurement and Assessment	3 hrs
Science (Minimum 21 hours)		EDUC 326 Middle School Methods (Course will include one hour of field experience: 15 hour placement)	3 hrs
BIOL 110 Principles of Biology I <u>and</u>	3 hrs	EDUC 331 Teaching of Reading (Course will include one hour of field experience: 15 hour placement)	3 hrs
BIOL 110L Principles of Biology I Laboratory <u>or</u>	2 hrs	EDUC 336 Creative and Language Arts in 3 Elementary and Middle School (Course will include one hour of field experience: 15 hour placement)	3 hrs
BIOL/ENVS 115 Introduction to Environmental Science <u>and</u>		EDUC 338 Teaching Reading in the Content Area (Course will include one hour of field experience: 15 hour placement)	3 hrs
BIOL/ENVS 115L Introduction to Environmental Science Laboratory		Teaching Methods Course: Math-359; Social Studies-362; Science 365; English-367.) (Course will include one hour of field experience: 35 hour placement)	3 hrs
CHEM/PHYS 108 Physical Science Survey	3 hrs	EDUC 390 Education and Psychology of the Exceptional Child	3 hrs
CHEM 109 Chemistry for Biological and Health-Related Sciences <u>and</u>	3 hrs	EDUC/PSYC 392 Adolescent Psychology	3 hrs
CHEM 111L Introductory Chemistry Laboratory Experience	2 hrs	EDUC 400 Senior Seminar (To be taken the semester before student teaching.)	3 hrs
GEOL 110 Introduction to Physical Geology <u>and</u>	3 hrs	EDUC 424 Student Teaching in Middle Level Schools [16 wks] (Must receive a "B" or higher for certification)	12 hrs
GEOL 110L Introduction to Physical Geology Laboratory	2 hrs		
Science Electives	3 hrs		
Social Studies (Minimum 27 hours)			
GEOG/ANTH 101 Introduction to Geography	3 hrs		
HIST 101 Western Civilization I	3 hrs		
HIST 102 Western Civilization II	3 hrs		
HIST 121 American History to 1877	3 hrs		
HIST 122 American History Since 1877	3 hrs		
POSC 111 American National Government	3 hrs		
POSC 215 State and Local Government	3 hrs		
PSYC 101 General Psychology	3 hrs		
SOCI 111 General Sociology <u>or</u>	3 hrs		
SOCI/ANTH 270 Minority Cultures and Relations			
Middle Level Education Certification Minor	59 hrs		

Fifty-six semester hours of courses with an EDUC field code plus SOCI 270. Minor is restricted to the following specific 59 hours of coursework. Students must complete at least half of the Education coursework through Columbia College and maintain a 2.8 GPA.

Note: To take any course listed with a field experience component, student must submit application forms by the deadline (semester BEFORE desired enrollment). See Education Office for deadline information.

BEACON SECONDARY EDUCATION (9-12) CERTIFICATION

General Education **38-41 hrs**

The general education component is to be completed according to Columbia College degree requirements. (Please refer to your entrance year catalog for specific degree requirements.)

Liberal Arts and Science Degree **40-67 hrs**

Students seeking certification in Secondary Education may choose from the following recommended degree areas:

- BA – American Studies
- BA – Biology
- BS – Biology
- BA – Business Administration
- BS – Business Administration
- BA – Chemistry
- BA – English
- BS – Environmental Science
- BA – History
- BA – Mathematics
- BA – Sociology

Students must complete the degree requirements as set forth by Columbia College. Hours required for completion will vary depending on area chosen. (Please refer to your entrance year catalog for specific degree requirements.)

Secondary Content Area

The Missouri Department of Elementary and Secondary Education (DESE) requires a certain number of hours in the chosen content area. Students seeking Secondary Education Certification may choose from the following content areas:

BIOLOGY (Grades 9-12) (Minimum 32 hrs)

BIOL/ENVS 115	Introduction to Environmental Science	3 hrs
BIOL 290	Principles of Cell Biology	3 hrs
BIOL/ENVS 300	Evolution	3 hrs
BIOL 342	Genetics	3 hrs
BIOL 343	Botany	5 hrs
BIOL 353	Zoology	5 hrs
CHEM 109	Chemistry for Biological and Health-Related Sciences	3 hrs
GEOL 110	Introduction to Physical Geology	3 hrs
HIST/PHIL 303	History and Philosophy of Modern Science	3 hrs
PHYS 111	College Physics I	3 hrs

BUSINESS EDUCATION (Grades 9-12) NON-VOCATIONAL (Minimum 30 hrs)

ACCT 280	Accounting I (Financial)	3 hrs
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ACCT 385	Accounting Information Systems or	3 hrs
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An approved Computer Technology course

CISS 170	Introduction to Computer Information Systems or	3 hrs
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CISS 176	Introduction to Computer Science	
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ECON 293	Macroeconomics or	3 hrs
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ECON 294 Microeconomics

EDUC 369	Teaching Business*	3 hrs
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* This course must include a resumé that will document one (1) year or two thousand (2000) hours of approved occupational experience or appropriate internship. The approval process is determined by the nature of employment in a business occupation. Copy of resumé needed for student file.

MGMT 254	Business Communication	3 hrs
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MGMT 265	Business Law I	3 hrs
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MGMT 330	Principles of Management	3 hrs
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MGMT 393	Business Information Systems	3 hrs
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MKTG 310	Principles of Marketing	3 hrs
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Implementing Business Education Programs **

** This course is not offered at Columbia College; course can be taken online with the Department of Elementary and Secondary Education via the Consortium Agreement.

Business Electives (0-6 hrs) Recommended*:

ACCT 281	Accounting II (Managerial)	3 hrs
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FINC 298	Personal Financial Planning	3 hrs
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MGMT 338	International Business	3 hrs
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MKTG 410	Global Marketing	3 hrs
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* (Electives only needed if Business hours in above categories are below 30 hours required by DESE.)

CHEMISTRY (Grades 9-12) (Minimum 32 hours)

BIOL 110	Principles of Biology I	3 hrs
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BIOL/ENVS 115	Introduction to Environmental Science	3 hrs
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BIOL/CHEM 420	Biochemistry	3 hrs
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BIOL/CHEM 420L	Biochemistry Laboratory	2 hrs
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CHEM 306	Analytical Chemistry I	5 hrs
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CHEM 310	Organic Chemistry I	3 hrs
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CHEM 310L	Organic Chemistry I Laboratory	2 hrs
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CHEM 322	Inorganic Chemistry	3 hrs
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CHEM/PHYS 401	Introduction to Physical Chemistry/Chemical Physics	3 hrs
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GEOL 110	Introduction to Physical Geology	3 hrs
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HIST/PHIL 303	History and Philosophy of Modern Science	3 hrs
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PHYS 111	College Physics I	3 hrs
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ENGLISH (Grades 9-12) (Minimum 30 hours)

EDUC 270	Literature for Children and Adolescents	3 hrs
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ENGL 111	English Composition I	3 hrs
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ENGL 112	English Composition II	3 hrs
ENGL 311	Descriptive Grammar of the English Language	3 hrs
ENGL 312	The History of the English Language	3 hrs
ENGL 241	American Literature I or	3 hrs
	ENGL 242 American Literature II or	
	ENGL 450 Minority and Ethnic Literature of the United States	

One course selected from:

ENGL 231	English Literature I	3 hrs
ENGL 232	English Literature II	3 hrs
ENGL 263	World Literature I	3 hrs
ENGL 264	World Literature II	3 hrs

and

Electives (3 hrs) in writing/criticism courses

Elective (3 hrs) in World/English Literature

Elective English Credit (0-2 hrs)*

(These electives only needed if English hours in above categories are below 30 hours required by DESE.)*GENERAL SCIENCE (Grades 9-12)
(Minimum 32 hours)**

ASTR 108	Introduction to Astronomy	3 hrs
BIOL 110	Principles of Biology I	3 hrs
BIOL 110L	Principles of Biology I Laboratory	2 hrs
BIOL/ENVS 115	Introduction to Environmental Science	3 hrs
BIOL/ENVS 115L	Introduction to Environmental Science Laboratory	2 hrs
CHEM/PHYS 108	Physical Science Survey	3 hrs
CHEM/PHYS 108L	Physical Science Survey Laboratory	2 hrs
CHEM 109	Chemistry for Biological and Health-Related Sciences	3 hrs
CHEM 111L	Introductory Chemistry Laboratory Experience	2 hrs
GEOL 110	Introduction to Physical Geology	3 hrs
HIST/PHIL 303	History and Philosophy of Modern Science	3 hrs

Electives from any of the above listed categories: Recommended Elective:

ENVS/EDUC 372	Environmental Education	3 hrs
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MATHEMATICS (Grades 9-12) (Minimum 30 hours)

CISS 170	Introduction to Computer Information Systems or	3 hrs
CISS 176	Introduction to Computer Science	
MATH 150	College Algebra	3 hrs
MATH 201	Calculus and Analytical Geometry I	5 hrs
MATH 222	Calculus and Analytical Geometry II	5 hrs

MATH 331	Foundations of Geometry	3 hrs
MATH Electives	from above listed categories (Computer Science, Algebraic Structures, Calculus/Geometry and Geometry)	4 hrs

Minimum ten (10) hours from at least three (3) of the following areas:**History of Mathematics (2-3 hrs)**

Recommended: MATH 330 – History of Mathematics

Structure of the Real Number System (2-3 hrs)

Recommended: MATH 102 – Mathematics for the Elementary School Teacher

Number Theory (2-3 hrs)**Completion Calculus Sequence (2-5 hrs)**

Recommended: MATH 300 – Multivariate Calculus

Probability and Statistics (2-3 hrs)Recommended: MATH 250 – Statistics I **or**MATH 251 Statistics II **or**MATH 340 Introduction to Probability Theory **or**

MATH 338 Mathematical Statistics and Probability

Computer Science (2-5 hrs)

Recommended: CISS 240 – Introduction to Programming

Math for Exceptional Children (2-3 hrs)**Linear Algebra (2-3 hrs)**

Recommended: MATH 303 – Linear Algebra

SOCIAL STUDIES (Grades 9-12) (Minimum 40 hours)ECON 293 Macroeconomics **or** 3 hrs

ECON 294 Microeconomics

GEOG/ANTH 101 Introduction to Geography 3 hrs

HIST 101 Western Civilization I 3 hrs

HIST 102 Western Civilization II 3 hrs

HIST 121 American History to 1877 3 hrs

HIST 122 American History Since 1877 3 hrs

POSC 111 American National Government 3 hrs

POSC 215 State and Local Government 3 hrs

PSYC 101 General Psychology 3 hrs

SOC 111 General Sociology **or** 3 hrs

SOC/ANTH 270 Minority Cultures and Relations

Electives – Six (6) hours in American History

Electives – Three (3) hours in World History

Electives – (1-3 hrs) from any of the above listed categories

Secondary Education**47 hrs**

Certification Minor

Forty-three semester hours of courses with an EDUC field code plus SOCI 270. Minor is restricted to the following specific 47 hours of coursework. Students must complete at least half of the Education coursework through Columbia College and maintain a 2.8 GPA with no grade less than C.

SOCI/ANTH 270	Minority Cultures and Relations	3 hrs
EDUC 102	Introduction to Education I (Must be taken within first 9 hrs of EDUC classes)	1 hr
EDUC 103	Introduction to Education II (Course will include one hour of field experience: 15 hour placement)	1 hr
EDUC 200	Law, Ethics, and Education (Meets college Ethics requirement) (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC/PSYC 230	Educational Psychology (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 300	Techniques of Teaching	3 hrs
EDUC 311	Classroom and Behavior Management Techniques (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 322	Educational Measurement and Assessment	3 hrs
EDUC 338	Teaching Reading in the Content Area (Course will include one hour of field experience: 15 hour placement)	3 hrs
Teaching Methods Course:		3 hrs
Math-360; Social Studies-362; Science-365; English-367; Business-369 (Course will include one hour of field experience: 35 hour placement)		
EDUC 390	Education and Psychology of the Exceptional Child	3 hrs
EDUC/PSYC 392	Adolescent Psychology	3 hrs
EDUC 400	Senior Seminar (This course is to be taken the semester before student teaching)	3 hrs
EDUC 422	Student Teaching in the Secondary Schools [16 wks] (Must receive a "B" or higher for certification)	12 hrs

Note: To take any course listed with a field experience component, student must submit application forms by the deadline (semester BEFORE desired enrollment). See Education Office for deadline information.

BEACON ART EDUCATION (K-12) CERTIFICATION

General Education 38-41 hrs

The general education component is to be completed according to Columbia College degree requirements. (Please refer to your entrance year catalog for specific degree requirements.)

Liberal Arts and Science Degree 51-72 hrs

Students seeking certification in Art K-12 Education may choose from the following recommended degree areas:

- BA – Art
- BS – Art
- Bachelor of Fine Arts

Students must complete the degree requirements as set forth by Columbia College. Hours required for completion will vary depending on area chosen. (Please refer to your entrance year catalog for specific degree requirements.)

Content Area Requirements 30 hrs

Students must complete the following coursework in order to meet content area requirements as set by the Missouri Department of Elementary and Secondary Education.

I. Design & Composition

1. ARTS 140 – 2-Dimensional Design **or**
ARTS 141 – 3-Dimensional Design

II. Two-Dimensional Art

1. ARTS 120 – Drawing I
2. ARTS 130 – Painting I
3. ARTS 150 – Creative Photography I **or**
ARTS 262 – Printmaking I

III. Three-Dimensional Art

1. ARTS 141 – 3-Dimensional Design
2. ARTS 271 – Ceramics I
3. EDUC 345 – Teaching Art K-12

IV. History, Theory, and Criticism

1. ARTS 111 – Art and Ideas I **or**
ARTS 112 – Art and Ideas II **or**
Art History 300 or above

V. Art for Elementary Grades

1. EDUC 345 – Teaching Art k-12

VI. Art Electives (if 30 hour minimum has not been met.)

Art Education K-12 Certification Minor 48 hrs

Forty-five semester hours of courses with an EDUC field code plus SOCI 270. Minor is restricted to the following specific 48 hours of coursework. Students must complete at least half of the Education coursework through Columbia College and maintain a 2.8 GPA with no grade less than a C.

SOCI/ANTH 270	Minority Cultures and Relations	3 hrs
EDUC 102	Introduction to Education I (Must be taken within first 9 hrs of EDUC classes)	1 hr
EDUC 103	Introduction to Education II (Course will include one hour of field experience: 15 hour placement)	1 hr
EDUC 200	Law, Ethics, and Education (Meets college Ethics requirement) (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC/PSYC 230	Educational Psychology (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 300	Techniques of Teaching	3 hrs
EDUC 311	Classroom and Behavior Management Techniques (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 322	Educational Measurement and Assessment	3 hrs
EDUC 338	Teaching Reading in the Content Area** (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 345	Teaching Art K-12 (Course will include one hour of field experience: 35 hour placement)	3 hrs
EDUC 390	Education & Psychology of the Exceptional Child	3 hrs
EDUC/PSYC 392	Adolescent Psychology	3 hrs
EDUC 400	Senior Seminar (This course is to be taken the semester before student teaching)	3 hrs
EDUC 422	Student Teaching in the Secondary Schools [16 wks] (Must receive a "B" or higher for certification) (Two placements [1:K-6 & 1:7-12] 8 wks each for Art K-12 certification)	12 hrs

Note: To take any course listed with a field experience component, student must submit application forms by the deadline (semester BEFORE desired enrollment). See Education Office for deadline information.

SPECIAL EDUCATION (K-12)

General Education 38-41 hrs

The general education component is to be completed according to Columbia College degree requirements (Please refer to your entrance year catalog for specific degree requirements). In order to complete the requirements set forth by the Missouri Department of Elementary and Secondary Education, the following courses must be included in your general education coursework.

- I. Basic Studies and Mathematics**
 1. MATH 102 Mathematics for the Elementary School Teacher 3 hrs
 2. CISS 170 Introduction to Computer Information Systems **or** CISS 176 Introduction to Computer Science 3 hrs
- II. Arts and Humanities**
 1. MUSI 122 Music Appreciation 3 hrs
 2. ARTS 105 Art Appreciation **or** ARTS 111 Arts and Ideas I **or** ARTS 112 Arts and Ideas II 3 hrs
- III. Social and Behavioral Sciences**
 1. PSYC 101 General Psychology 3 hrs
 2. ECON 293 Macroeconomics **or** ECON 294 Microeconomics 3 hrs
 3. GEOG/ANTH 101 Introduction to Geography 3 hrs

Liberal Arts and Science Degree 37-54 hrs

Students seeking certification in Special Education may choose from one of the following recommended degree areas:

- BA - American Studies
- BA - Psychology
- BA - Sociology

Students must complete the degree requirements as set forth by Columbia College. Hours required for completion will vary depending on area chosen. (Please refer to your entrance year catalog for specific degree requirements.)

***Please note:** certification will be Special Education (K-12), not content area certification.

Special Education is not a specific Education Minor. Students seeking Special Education certification will obtain the Education (General) Minor and finish certification requirements at the Post Baccalaureate level*. Students must complete at least half of the Education coursework through Columbia College and maintain a 2.8 GPA within the minor with no grade less than C.

* See Graduate Catalog for admission requirements and retention criteria for the Post Baccalaureate program.

Professional Education Coursework 44 hrs

SOCI/ANTH 270	Minority Cultures and Relations	3 hrs
EDUC 102	Introduction to Education I (Must be taken within first 9 hrs of EDUC classes; concurrently with EDUC 103)	1 hr
EDUC 103	Introduction to Education II (Course will include one hour of field experience: 15 hour placement)	1 hr

EDUC 105	Human Health	3 hrs
EDUC 200	Law, Ethics, and Education (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC/PSYC 230	Educational Psychology (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 270	Literature for Children and Adolescents	3 hrs
EDUC 300	Techniques of Teaching	3 hrs
EDUC 302	Teaching Skills (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 311	Classroom and Behavior Management Techniques (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 331	Teaching of Reading (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 336	Creative and Language Arts in Elementary and Middle Schools (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 358	Teaching Mathematics in the Elementary School (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 380	Diagnostic and Corrective Reading (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 390	Education & Psychology of the Exceptional Child	3 hrs
PSYC 330	Lifespan Developmental Psychology	3 hrs

Note: To take any course listed with a field experience component, student must submit application forms by the deadline (semester BEFORE desired enrollment). See Education Office for deadline information. Readmit to the Post Baccalaureate program to complete certification sequence.

**Complete Certification Sequence 24 hrs (Graduate)
15 hrs (Undergraduate)**

EDUC 400	Senior Seminar (course may be audited) (This course may be taken concurrently with EDUC 426)	3 hrs
EDUC 426	Student Teaching in Special Education [16 wks] (Two placements [1: K-6 and 1: 7-12] 8 wks each) (Must receive a B or higher for certification)	12 hrs

EDUC 514	Mathematics for the Special Needs Child (Remedial)	3 hrs
EDUC 515	Language Development for the Exceptional Child	3 hrs
EDUC 527	Introduction to Mild to Moderate Cross-Categorical	3 hrs
EDUC 528	Methods of Teaching Mild/Moderate Cross-Categorical	3 hrs
EDUC 547	Career Counseling Including Children with Special Needs	3 hrs
EDUC 548	Communications-Counseling, Conferencing and Confronting	3 hrs
EDUC 572	Individual Ability/Intelligence Testing	3 hrs
EDUC 574	Evaluation of Individual Achievement and Aptitude	3 hrs

UNDERGRADUATE POST-BACCALAUREATE CERTIFICATION PROGRAM

Students who are seeking teacher certification and hold a baccalaureate degree from a regionally accredited college or university may complete certification requirements at the undergraduate level, as detailed in the Beacon Program requirements.

THE DAYSTAR PROGRAM

This program is designed primarily for Day Campus students who are new freshmen. (Freshman-level transfer students with only liberal arts and sciences college credit may also apply.)

DAYSTAR is a four-year + program that allows students to earn a Bachelor of Arts in a content area (i.e. Biology, Math, History, etc), PLUS a Master of Arts in Teaching degree. Students graduating from this program will be eligible to be recommended for certification to teach in Missouri at the elementary, middle, or secondary school level.

Education courses are taught in the summer (five summers total) while academic content courses and internships are taught in the fall and spring. Students obtain substantial practical teaching experience with exposure to the classroom every semester.

Students admitted to this program will receive a *DAYSTAR* tuition grant to cover tuition costs for required courses taken in the summer sessions.

Admission to the *DAYSTAR* Program requires a separate application and approval by the Education Department. Entry to the teacher certification program must occur prior to student teaching. (See "Admission to Teacher Certification Program" page 55.) Admission to the MAT program is required to complete certification. To be eligible for certification, students must have a minimum ACT score of 22, a 3.0 cumulative grade point average, passing scores

on all sections of the CBASE and a passing score on the Praxis II examination.

DAYSTAR students will graduate from Columbia College knowing they have successfully completed one of the most challenging and innovative teaching programs in the nation while earning both a bachelor's and a master's degree in little more than four years. (Note: See the *DAYSTAR* Certification checklists for the lists of certification courses taken at the Post-Baccalaureate level.)

DAYSTAR is an adapted Holmes-group model of teacher education which:

- Emphasizes academic content over pedagogy at the undergraduate level.
- Substantively increases opportunities for practical experience in clinical placements (students will participate in a clinical experience during each semester of enrollment, including summer placements),
- Provides for specific study of, and clinical experience with, special needs students,
- Requires demonstrated content (ACT, CBASE, and Praxis) and clinical (Field Placement) competence prior to being admitted to the certification sequence, and
- Focuses on pedagogy at the graduate level culminating with a professional degree in education.

DAYSTAR ELEMENTARY EDUCATION (1-6) CERTIFICATION

General Education 38-41 hrs

The general education component is to be completed according to Columbia College degree requirements. (Please refer to your entrance year catalog for specific degree requirements.)

In order to complete the requirements set forth by the Missouri Department of Elementary and Secondary Education, the following courses must be included in your general education coursework.

I. Basic Studies

1. MATH 102 Mathematics for the Elementary School Teacher 3 hrs
2. MATH 150 College Algebra 3 hrs

II. Arts and Humanities

1. MUSI 122 Music Appreciation or 3 hrs
ARTS 105 Art Appreciation or
ARTS 111 Art and Ideas I or
ARTS 112 Art and Ideas II

III. Social and Behavioral Sciences

1. PSYC 101 General Psychology 3 hrs
2. ECON 293 Macroeconomics or 3 hrs
ECON 294 Microeconomics
3. GEOG/ANTH 101 Introduction to Geography 3 hrs

Liberal Arts and Science Degree 40-54 hrs

Students seeking certification in Elementary Education may choose from the following recommended degree areas:

- BA – American Studies
- BA – Art
- BS – Art
- BA – English
- BS – Environmental Science
- BA – History
- BS – Mathematics
- BA – Psychology
- BA – Sociology

Students must complete the degree requirements as set forth by Columbia College. Hours required for completion will vary depending on area chosen. (Please refer to your entrance year catalog for specific degree requirements.)

***Please note:** certification will be Elementary Education, not content area certification.

Professional Education Coursework 44 hrs

- | | | |
|---------------|---|-------|
| SOCI/ANTH 270 | Minority Cultures and Relations | 3 hrs |
| EDUC 102 | Introduction to Education I (To be taken concurrently with EDUC 103) | 1 hr |
| EDUC 103 | Introduction to Education II (Course will include one hour of field experience: 15 hour placement) | 1 hr |
| EDUC 105 | Human Health | 3 hrs |
| EDUC 198 | Daystar Field Experience I (Course will include one hour of field experience: 35 hour placement) | 1 hr |
| EDUC 200 | Law, Ethics, and Education (Meets college Ethics requirement) (Course will include one hour of field experience: 15 hour placement) | 3 hrs |
| EDUC/PSYC 230 | Educational Psychology (Course will include one hour of field experience: 15 hour placement) | 3 hrs |
| EDUC 270 | Literature for Children and Adolescents | 3 hrs |
| EDUC 298 | Daystar Field Experience II (Course will include one hour of field experience: 35 hour placement) | 1 hr |
| EDUC 300 | Techniques of Teaching | 3 hrs |
| EDUC 302 | Teaching Skills (Course will include one hour of field experience: 15 hour placement) | 3 hrs |
| EDUC 331 | Teaching of Reading (Course will include one hour of field experience: 15 hour placement) | 3 hrs |

EDUC 338	Teaching Reading in the Content Areas (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 358	Teaching Mathematics in the Elementary School (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 380	Diagnostic and Corrective Reading (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC/PSYC391	Child Psychology	3 hrs
EDUC 398	Daystar Field Experience III (Course will include one hour of field experience: 35 hour placement)	1 hr
EDUC 400	Senior Seminar** (Students will take this course <u>after</u> their undergraduate degree is completed)	3 hrs

Note: To take any course listed with a field experience component, student must submit application forms by the deadline (semester BEFORE desired enrollment). See Education Office for deadline information.

Three Year Baccalaureate Program 124-138 hrs

Must be admitted to the Teacher Certification Program prior to enrolling in the MAT program. (See "Admission to Teacher Certification Program.")

Fourth Year Master of Arts in Teaching 36 hrs (One academic year and 2 summer sessions)

EDUC 521	Language, Literature, & Arts for Creative Elem. & MS (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 525	Educating Exceptional Individuals	3 hrs
EDUC 563	Management of the Classroom Environment (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 580	Methods of Effective Academic Evaluation	3 hrs
EDUC 698	Graduate Student Teaching [16 weeks] (Must receive a "B" or higher for certification)	9 hrs
Additional Graduate Courses		18 hrs

DAYSTAR MIDDLE SCHOOL EDUCATION (5-9) CERTIFICATION

General Education 38-41 hrs

The general education component is to be completed according to Columbia College degree requirements. (Please refer to your entrance year catalog for specific degree requirements.)

Liberal Arts and Science Degree 40-60 hrs

Students seeking certification in Middle Level Education may choose from the following recommended degree areas:

- BA – Biology
- BS – Biology
- BA – Chemistry
- BA – English
- BS – Environmental Science
- BA – History
- BS – Mathematics
- BA – Sociology

Students must complete the degree requirements as set forth by Columbia College. Hours required for completion will vary depending on area chosen. (Please refer to your entrance year catalog for specific degree requirements.)

Middle Level Content Area

Students seeking Middle Level Education Certification may choose from the following content areas:

- English/Language Arts
- Mathematics
- Science
- Social Studies

The Missouri Department of Elementary and Secondary Education (DESE) requires a certain number of hours in the chosen content area.

MIDDLE SCHOOL CONTENT AREA REQUIREMENTS

Language Arts (Minimum 27 hours)

COMM 110	Introduction to Speech or	3 hrs
COMM 203	Understanding Human Communication	
COMM 360	Oral Interpretation of Literature	3 hrs
EDUC 336	Creative and Language Arts in Elementary and Middle Schools (Course will include one hour of field experience: 15 hour placement)	3 hrs
ENGL 111	English Composition I	3 hrs
ENGL 112	English Composition II	3 hrs
ENGL 311	Descriptive Grammar of the English Language or	3 hrs
ENGL 312	The History of the English Language	
English/Language Arts Electives		6 hrs
Literature Elective		3 hrs

Mathematics (Minimum 23 hours)

CISS 170	Introduction to Computer Information Systems or	3 hrs
CISS 176	Introduction to Computer Science	
MATH 102	Mathematics for the Elementary School Teacher	3 hrs
MATH 150	College Algebra	3 hrs
MATH 201	Calculus and Analytic Geometry I	5 hrs

MATH 250	Statistics I	3 hrs	EDUC/PSYC 230	Educational Psychology	3 hrs
MATH	Electives (above MATH 106)	6 hrs		(Course will include one hour of field experience: 15 hour placement)	
Science (Minimum 21 hours)			EDUC 298	Daystar Field Experience II	1 hr
BIOL 110	Principles of Biology I and	3 hrs		(Course will include one hour of field experience: 35 hour placement)	
BIOL 110L	Principles of Biology I Laboratory or	2 hrs	EDUC 300	Techniques of Teaching	3 hrs
BIOL/ENVS 115	Introduction to Environmental Science and		EDUC 326	Middle School Methods	3 hrs
BIOL/ENVS 115L	Introduction to Environmental Science Laboratory			(Course will include one hour of field experience: 15 hour placement)	
CHEM/PHYS 108	Physical Science Survey	3 hrs	EDUC 331	Teaching of Reading	3 hrs
CHEM 109	Chemistry for Biological and Health-Related Sciences	3 hrs		(Course will include one hour of field experience: 15 hour placement)	
CHEM 111L	Introductory Chemistry Laboratory Experience	2 hrs	EDUC 338	Teaching Reading in the Content Area	3 hrs
GEOL 110	Introduction to Physical Geology	3 hrs		(Course will include one hour of field experience: 15 hour placement)	
GEOL 110L	Introduction to Physical Geology Laboratory	2 hrs	Teaching Methods Course:	3 hrs	
Science Electives		3 hrs	Math-359; Social Studies-362; Science-365; English-367		
			(Course will include one hour of field experience: 35 hour placement)		
Social Studies (Minimum 27 hours)			EDUC/PSYC 392	Adolescent Psychology	3 hrs
GEOG/ANTH 101	Introduction to Geography	3 hrs	EDUC 398	Daystar Field Experience III	1 hr
HIST 101	Western Civilization I	3 hrs		(Course will include one hour of field experience: 35 hour placement)	
HIST 102	Western Civilization II	3 hrs	EDUC 400	Senior Seminar	3 hrs
HIST 121	American History to 1877	3 hrs		(Students should take this course <u>after</u> their undergraduate degree has been completed)	
HIST 122	American History Since 1877	3 hrs			
POSC 111	American National Government	3 hrs			
POSC 215	State and Local Government	3 hrs			
PSYC 101	General Psychology	3 hrs			
SOCI 111	General Sociology or	3 hrs			
SOCI/ANTH 270	Minority Cultures and Relations				
Professional Education Coursework		35 hrs			
SOCI/ANTH 270	Minority Cultures and Relations	3 hrs			
EDUC 102	Introduction to Education I (To be taken concurrently with EDUC 103)	1 hr			
EDUC 103	Introduction to Education II (Course will include one hour of field experience: 15 hour placement)	1 hr	EDUC 516	Reading and Writing Across the Curriculum **	3 hrs
EDUC 198	Daystar Field Experience I (Course will include one hour of field experience: 35 hour placement)	1 hr		(Course will include one hour of field experience: 15 hour placement)	
EDUC 200	Law, Ethics, and Education (Meets college Ethics requirement) (Course will include one hour of field experience: 15 hour placement)	3 hrs		(This course could be taken to remain full-time in the 2nd session of fourth year, but is not required for the MAT degree.)	
			EDUC 521	Language, Literature and the Creative Arts for Elementary and Middle Schools **	3 hrs
				(Course will include one hour of field experience: 15 hour placement)	

Note: To take any course listed with a field experience component, student must submit application forms by the deadline (semester BEFORE desired enrollment). See Education Office for deadline information.

Three Year Baccalaureate Total 120-136 hrs Program

Students must be admitted to Teacher Certification Program prior to enrolling in the MAT program. (See "Admission to Teacher Certification Program.")

Fourth Year Master of Arts in Teaching 36 hrs (One academic year and 2 summer sessions)

EDUC 516	Reading and Writing Across the Curriculum **	3 hrs
	(Course will include one hour of field experience: 15 hour placement)	
	(This course could be taken to remain full-time in the 2nd session of fourth year, but is not required for the MAT degree.)	
EDUC 521	Language, Literature and the Creative Arts for Elementary and Middle Schools **	3 hrs
	(Course will include one hour of field experience: 15 hour placement)	

EDUC 525	Educating Exceptional Individuals**	3 hrs
EDUC 563	Management of the Classroom Environment (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 580	Methods of Effective Academic Evaluation**	3 hrs
EDUC 613	Practicum: Mild/Moderate Special Education** (120 hrs)	3 hrs
EDUC 698	Graduate Student Teaching [16 wks] (Must receive a "B" or higher for certification)**	9 hrs
Additional Graduate Courses		15 hrs

** Readmit to the Post-Baccalaureate Program to complete the certification sequence.

DAYSTAR SECONDARY EDUCATION (9-12) CERTIFICATION

General Education 38-41 hrs

The general education component is to be completed according to Columbia College degree requirements. (Please refer to your entrance year catalog for specific degree requirements.)

Liberal Arts and Science Degree 40-63 hrs

Students seeking certification in Secondary Education may choose from the following recommended degree areas:

- BA – Biology
- BS – Biology
- BA – Business Administration
- BS – Business Administration
- BA – Chemistry
- BA – English
- BS – Environmental Science
- BA – History
- BS – Mathematics
- BA – Sociology

Students must complete the degree requirements as set forth by Columbia College. Hours required for completion will vary depending on area chosen. (Please refer to your entrance year catalog for specific degree requirements.)

Secondary Content Area Requirements

The Missouri Department of Elementary and Secondary Education (DESE) requires a certain number of hours in the content area.

Students seeking Secondary Education Certification may choose from the following content areas:

BIOLOGY (Grades 9-12) (Minimum 32 hrs)

BIOL/ENVS 115	Introduction to Environmental Science	3 hrs
BIOL 290	Principles of Cell Biology	3 hrs
BIOL/ENVS 300	Evolution	3 hrs

BIOL 342	Genetics	3 hrs
BIOL 343	Botany	5 hrs
BIOL 353	Zoology	5 hrs
CHEM 109	Chemistry for Biological and Health-Related Sciences	3 hrs
GEOL 110	Introduction to Physical Geology	3 hrs
HIST/PHIL 303	History and Philosophy of Modern Science	3 hrs
PHYS 111	College Physics I	3 hrs

BUSINESS EDUCATION (Grades 9-12) NON-VOCATIONAL (Minimum 30 hrs)

ACCT 280	Accounting I (Financial)	3 hrs
ACCT 385	Accounting Information Systems or	3 hrs

An approved Computer Technology course

CISS 170	Introduction to Computer Information Systems or	3 hrs
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CISS 176 Introduction to Computer Science

ECON 293	Macroeconomics or	3 hrs
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ECON 294 Microeconomics

EDUC 369	Teaching Business *	3 hrs
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* This course must include a resumé that will document one (1) year or two thousand (2000) hours of approved occupational experience or appropriate internship. The approval process is determined by the nature of employment in a business occupation. Copy of resumé needed for student file.

MGMT 254	Business Communication	3 hrs
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MGMT 265	Business Law I	3 hrs
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MGMT 330	Principles of Management	3 hrs
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MGMT 393	Business Information Systems	3 hrs
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MKTG 310	Principles of Marketing	3 hrs
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Implementing Business Education Programs **

** This course is not offered at Columbia College; course can be taken online with the Department of Elementary and Secondary Education via the Consortium Agreement.

Business Electives (0-6 hrs) Recommended*:

ACCT 281	Accounting II (Managerial)	3 hrs
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FINC 298	Personal Financial Planning	3 hrs
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MGMT 338	International Business	3 hrs
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MKTG 410	Global Marketing	3 hrs
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*(Electives only needed if Business hours in above categories are below 30 hours required by DESE.)

CHEMISTRY (Grades 9-12) (Minimum 32 hours)

BIOL 110	Principles of Biology I	3 hrs
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BIOL/ENVS 115	Introduction to Environmental Science	3 hrs
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BIOL/CHEM 420	Biochemistry	3 hrs
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BIOL/CHEM 420L	Biochemistry Laboratory	2 hrs
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CHEM 306	Analytical Chemistry I	5 hrs
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CHEM 310	Organic Chemistry I	3 hrs
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CHEM 310L	Organic Chemistry I Laboratory	2 hrs
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CHEM 322	Inorganic Chemistry	3 hrs
CHEM/PHYS 401	Introduction to Physical Chemistry/Chemical Physics	3 hrs
GEOL 110	Introduction to Physical Geology	3 hrs
HIST/PHIL 303	History and Philosophy of Modern Science	3 hrs
PHYS 111	College Physics I	3 hrs

ENGLISH (Grades 9-12) (Minimum 30 hours)

EDUC 270	Literature for Children and Adolescents	3 hrs
EDUC 367	Teaching Middle School and Secondary English (Course will include one hour of field experience: 35 hour placement)	3 hrs
ENGL 111	English Composition I	3 hrs
ENGL 112	English Composition II	3 hrs
ENGL 311	Descriptive Grammar of the English Language	3 hrs
ENGL 312	The History of the English Language	3 hrs

Two courses selected from:

ENGL 241	American Literature I <u>or</u>	3 hrs
ENGL 242	American Literature II <u>or</u>	
ENGL 450	Minority and Ethnic Literature of the United States	

One course selected from:

ENGL 231	English Literature I	3 hrs
ENGL 232	English Literature II	3 hrs
ENGL 263	World Literature I	3 hrs
ENGL 264	World Literature II	3 hrs
Electives criticism courses <u>and</u>		3 hrs
Elective World/English Literature		3 hrs
Elective English Credit*		0-2 hrs

* (Electives only needed if English hours in above categories are below 30 hours required by DESE.)

GENERAL SCIENCE (Grades 9-12) (Minimum 32 hours)

ASTR 108	Introduction to Astronomy	3 hrs
BIOL 110	Principles of Biology I	3 hrs
BIOL 110L	Principles of Biology I Laboratory	2 hrs
BIOL/ENVS 115	Introduction to Environmental Science	3 hrs
BIOL/ENVS 115L	Introduction to Environmental Science Laboratory	2 hrs
CHEM/PHYS 108	Physical Science Survey	3 hrs
CHEM/PHYS 108L	Physical Science Survey Laboratory	2 hrs
CHEM 109	Chemistry for Biological and Health-Related Sciences	3 hrs

CHEM 111L	Introductory Chemistry Laboratory Experience	2 hrs
GEOL 110	Introduction to Physical Geology	3 hrs
HIST/PHIL 303	History and Philosophy of Modern Science	3 hrs
Electives from any of the above listed categories: Recommended Elective:		
ENVS/EDUC 372	Environmental Education	3 hrs

MATHEMATICS (Grades 9-12) (Minimum 30 hours)

CISS 170	Introduction to Computer Information Systems <u>or</u>	3 hrs
CISS 176	Introduction to Computer Science	
MATH 150	College Algebra	3 hrs
MATH 201	Calculus and Analytical Geometry I	5 hrs
MATH 222	Calculus and Analytical Geometry II	5 hrs
MATH 331	Foundations of Geometry	3 hrs
MATH Electives from above listed categories (Computer Science, Algebraic Structures, Calculus/Geometry, and Geometry)		4 hrs

Minimum ten (10) hours from at least three (3) of the following areas:**History of Mathematics (2-3 hrs)**

Recommended: MATH 330 – History of Mathematics

Structure of the Real Number System (2-3 hrs)

Recommended: MATH 102 – Mathematics for the Elementary School Teacher

Number Theory (2-3 hrs)**Completion Calculus Sequence (2-5 hrs)**

Recommended: MATH 300 – Multivariate Calculus

Probability and Statistics (2-3 hrs)

Recommended: MATH 250 – Statistics I or

MATH 251 Statistics II or

MATH 340 Introduction to Probability Theory

Computer Science (2-5 hrs)

Recommended: CISS 240 – Introduction to Programming

Math for Exceptional Children (2-3 hrs)**Linear Algebra (2-3 hrs)**

Recommended: MATH 303 – Linear Algebra

SOCIAL STUDIES (Grades 9-12) (Minimum 40 hours)

ECON 293	Macroeconomics <u>or</u>	3 hrs
ECON 294	Microeconomics	

GEOG/ANTH 101	Introduction to Geography	3 hrs
HIST 101	Western Civilization I	3 hrs
HIST 102	Western Civilization II	3 hrs
HIST 121	American History to 1877	3 hrs
HIST 122	American History Since 1877	3 hrs
POSC 111	American National Government	3 hrs
POSC 215	State and Local Government	3 hrs
PSYC 101	General Psychology	3 hrs
SOCI 111	General Sociology <u>or</u>	3 hrs
	SOCI/ANTH 270 Minority Cultures and Relations	
	Electives – Six (6) hours in American History	
	Electives – Three (3) hours in World History	
	Electives – (1-3 hrs) from any of the above listed categories	
Professional Education Coursework		26 hrs
SOCI/ANTH 270	Minority Cultures and Relations	3 hrs
EDUC 102	Introduction to Education I (To be taken concurrently with EDUC 103)	1 hr
EDUC 103	Introduction to Education II (Course will include one hour of field experience: 15 hour placement)	1 hr
EDUC 198	Daystar Field Experience I (Course will include one hour of field experience: 35 hour placement)	1 hr
EDUC 200	Law, Ethics, and Education (Meets college Ethics requirement) (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC/PSYC 230	Educational Psychology (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 298	Daystar Field Experience II (Course will include one hour of field experience: 35 hour placement)	1 hr
EDUC 300	Techniques of Teaching	3 hrs
	Teaching Methods Course: Math-360; Social Studies-362; Science-365; English-367; Business-369 (Course will include one hour of field experience: 35 hour placement)	3 hrs
EDUC/PSYC 392	Adolescent Psychology	3 hrs
EDUC 398	Daystar Field Experience III (Course will include one hour of field experience: 35 hour placement)	1 hr

EDUC 400	Senior Seminar (Students should take this course <u>after</u> their undergraduate degree is completed)	3 hrs
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Note: To take any course listed with a field experience component, student must submit application forms by the deadline (semester BEFORE desired enrollment). See Education Office for deadline information.

Three Year Baccalaureate Total 127-136 hrs Program

Students must be admitted to Teacher Certification Program prior to enrolling in the MAT Program (See "Admission to Teacher Certification").

Fourth Year Master of Arts In Teaching 36 hrs (One academic year and 2 summer sessions)

EDUC 521	Language, Literature, and the Creative Arts for Elementary and Middle Schools** <i>(This course could be taken to remain full-time in the 1st session of the fourth year, but is not required for the MAT degree.)</i> (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 525	Educating Exceptional Individuals**	3 hrs
EDUC 563	Management of the Classroom Environment** (Course will include one hour of field experience: 15 hour placement)	3 hrs
EDUC 580	Methods of Effective Academic Evaluation**	3 hrs
EDUC 698	Graduate Student Teaching [16 wks] (Must receive "B" or higher for certification)	9 hrs
	Additional Graduate Courses	15 hrs

FIRST YEAR TEACHERS

First year teachers who are eligible for the GI Bill may now receive VA Education Benefits for On-the-Job Training (OJT) during their first contract year. They can be teaching with a regular professional certificate or a temporary authorization.

A. Requirements for participation:

- Application for VA Benefits.
- Application for approval of the OJT position.
 - Training outline developed by school officials, including a letter detailing mentoring/supervision by either school principal or experienced teacher.

- Designate a school official to serve as the contact person between the school and Missouri Department of Elementary and Secondary Education and the VA.

B. Benefits:

- First year teachers can receive VA Education Benefits under Chapter 34/30 that are paid directly to him/her and thus need no special accounting or payroll practices. This is a valuable addition to first year salaries. The amount a person receives depends upon his/her chapter of eligibility and years of service.
- This benefit is separate from Troops-to-Teachers and may be used in addition to Troops-to-Teacher funds.
- Allows the school districts to participate and be a positive force in the veteran's transition from military to civilian life.

Contact the Veterans' Education and Training Section of DESE at 573-751-3487 for more details.

ENGLISH

Department: Humanities

Chairperson: Mark Price, Ph.D.

Full-Time Faculty: Danny Campbell, Ph.D.
Johanna Denzin, Ph.D.
Christina Ingoglia
Lizbeth Metscher
Peter Monacell, Ph.D.

Degree: Bachelor of Arts in English

Minors: English
Music
Spanish
Speech Communication

Culminating Experience Course:
ENGL 431 Senior Essay

The Bachelor of Arts in English provides a foundation for career preparation and graduate study. It emphasizes clear communication and critical thinking, skills fundamental to all areas of career and liberal arts studies, and offers, through literary study, a basis for growth in understanding the human condition. Society, the professions, college constituents and the individual student are well served, directly and indirectly, by the influences of an English major, which may also be effectively combined with

other academic or career areas.

Course Rotation Schedule

Core Requirements:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
ENGL 207	ENGL 207	ENGL 232	ENGL 232	
ENGL 231	ENGL 231	ENGL 242	ENGL 242	
ENGL 241	ENGL 241	ENGL 313	ENGL 313	
ENGL 490	ENGL 313	ENGL 314	ENGL 314	
	ENGL 314	ENGL 315	ENGL 315	
	ENGL 315	ENGL 331	ENGL 331	
	ENGL 490	ENGL 408	ENGL 351	
		ENGL 431	ENGL 408	
			ENGL 431	

Electives:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
ENGL 370	ENGL 311	COMM 380	COMM 360	ENGL 210
	ENGL 370	ENGL 204	ENGL 351	ENGL 211
		ENGL 312	ENGL 420	ENGL 212
		ENGL 350		ENGL 263
				ENGL 264
				ENGL 280
				ENGL 323
				ENGL 360
				ENGL 361
				ENGL 362
				ENGL 397
				ENGL 450

BACHELOR OF ARTS IN ENGLISH

A. General Education Requirements 38-41 sem. hrs

Ethics Course Requirement 3 hrs
ENGL 331 Ethical Issues in Literature or
PHIL 330 Ethics

B. Foreign Language Requirement 6 sem. hrs

C. Multicultural Requirement 3 sem. hrs

Courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk.

D. Choice of Literature or Creative Writing Emphasis 39 sem. hrs

1. Literature Emphasis Core Requirements 21 sem. hrs

(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

ENGL 231	English Literature I	3 hrs
ENGL 232	English Literature II	3 hrs
ENGL 241	American Literature I	3 hrs
ENGL 242	American Literature II	3 hrs
ENGL 351	Readings in Shakespeare	3 hrs
ENGL 431	Senior Seminar	3 hrs
ENGL 490	Literary and Critical Theory	3 hrs

Literature Emphasis Electives 18 sem. hrs

Eighteen semester hours selected from the following:

ENGL 204	Technical Writing	3 hrs
ENGL 207	Introduction to Creative Writing I- Multigenre	3 hrs
*ENGL 263	World Literature I	3 hrs
* ENGL 264	World Literature II	3 hrs
ENGL 280	Film and Literature	3 hrs
ENGL 311	Descriptive Grammar of the English Language	3 hrs
ENGL 312	The History of the English Language	3 hrs
ENGL 323	The Hero in Mythology	3 hrs
ENGL 331	Ethical Issues in Literature	3 hrs
ENGL 333	Topics	3 hrs
ENGL 350	Major Literary Figures	3 hrs
ENGL 360	Readings in Fiction	3 hrs
ENGL 361	Readings in Poetry	3 hrs
ENGL 362	Readings in Drama	3 hrs
ENGL 370	Major Literary Periods	3 hrs
ENGL 397	Science Fiction and Fantasy	3 hrs
ENGL 420	Advanced Editing and Revision	3 hrs
ENGL 433	Topics	3 hrs
* ENGL 450	Minority and Ethnic Literature of the United States	3 hrs

Students may choose one of the following courses to serve as one emphasis elective:

ENGL 210	Introduction to Fiction	3 hrs
ENGL 211	Introduction to Poetry	3 hrs
ENGL 212	Introduction to Drama	3 hrs

2. Creative Writing Emphasis 21 sem. hrs
Core Requirements

(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

ENGL 207	Introduction to Creative Writing I- Multigenre	3 hrs
ENGL 313	Intermediate Creative Writing I-Fiction	3 hrs
ENGL 314	Intermediate Creative Writing II- Creative Non-Fiction	3 hrs
ENGL 315	Intermediate Creative Writing III-Poetry	3 hrs

ENGL 408	Advanced Creative Writing	3 hrs
ENGL 431	Senior Seminar	3 hrs
ENGL 490	Literary and Critical Theory	3 hrs

Creative Writing Emphasis 18 sem. hrs**Electives 18 sem. hrs**

Eighteen hours selected from the following:

ENGL 204	Technical Writing	3 hrs
* ENGL 263	World Literature I	3 hrs
* ENGL 264	World Literature II	3 hrs
ENGL 280	Film and Literature	3 hrs
ENGL 311	Descriptive Grammar of the English Language	3 hrs
ENGL 312	The History of the English Language	3 hrs
ENGL 323	The Hero in Mythology	3 hrs
ENGL 331	Ethical Issues in Literature	3 hrs
ENGL 333	Topics	3 hrs
ENGL 350	Major Literary Figures	3 hrs
ENGL 351	Readings in Shakespeare	3 hrs
ENGL 360	Readings in Fiction	3 hrs
ENGL 361	Readings in Poetry	3 hrs
ENGL 362	Readings in Drama	3 hrs
ENGL 370	Major Literary Periods	3 hrs
ENGL 397	Science Fiction and Fantasy	3 hrs
ENGL 420	Advanced Editing and Revision	3 hrs
ENGL 433	Topics	3-6 hrs
* ENGL 450	Minority and Ethnic Literature of the United States	3 hrs
COMM 360	Oral Interpretation of Literature	3 hrs
COMM 380	Performance Studies	3 hrs

Students may choose one of the following courses to serve as one emphasis elective:

ENGL 210	Introduction to Fiction	3 hrs
ENGL 211	Introduction to Poetry	3 hrs
ENGL 212	Introduction to Drama	3 hrs

E. Open Electives: 31-34 sem. hrs

Recommend more courses in upper-level English and/or Journalism

120 sem. hrs

F. A candidate for a baccalaureate degree with a major in English must pass, with a satisfactory rating (grade of C or higher), ENGL 431 Senior Essay as a culminating evaluative experience.

ENVIRONMENTAL SCIENCE

Department:	Science
Chairperson:	Frank Somer, Ph.D.
Full-Time Faculty:	Christopher Babayco, Ph.D. Julie Estabrooks, Ph.D. Alan James, Ph.D. Nathan Means, Ph.D. Frank Somer, Ph.D. Kent Strodman, Ph.D. Peggy Wright, Ph.D.
Degree:	Bachelor of Science in Environmental Science
Minors:	Biology Chemistry Environmental Science
Culminating Experience Course:	ENVS 490 Senior Seminar

The Environmental Science major is a science-based course of study that focuses on the natural environment and man's interactions and use of its resources. Students examine the structure and function of natural systems and develop techniques and skills that will allow them to work in the field of natural resources. A degree in Environmental Science can lead to careers in a wide variety of public and private organizations and government agencies. It will also prepare those students who wish to pursue advanced graduate study.

Course Rotation Schedule

Core Requirements:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
BIOL 110	BIOL 110	BIOL 110	BIOL 110	
BIOL 110L	BIOL 110L	BIOL 110L	BIOL 110L	
BIOL 112	BIOL 112	BIOL 112	BIOL 112	
BIOL 112L	BIOL 112L	BIOL 112L	BIOL 112L	
BIOL/PSYC/ SOCI 324	BIOL/PSYC/ SOCI 324	BIOL/PSYC/ SOCI 324	BIOL/PSYC/ SOCI 324	
BIOL 343	BIOL 353	CHEM 110	CHEM 110	
CHEM 110	CHEM 110	CHEM 111L	CHEM 111L	
CHEM 111L	CHEM 111L	CHEM 112	CHEM 112	
CHEM 112	CHEM 112	CHEM 112L	CHEM 112L	
CHEM 112L	CHEM 112L	ENVS/ BIOL 320	ENVS/ BIOL 320	
ENVS/ GEOG 251	ENVS/ BIOL 222	ENVS/ BIOL 320L	ENVS/ BIOL 320L	
ENVS/BIOL/ CHEM 395	ENVS/BIOL/ CHEM 395	ENVS/BIOL/ CHEM 395	ENVS/BIOL/ CHEM 395	
ENVS 399	ENVS 399	ENVS 399	ENVS 399	
ENVS 490	ENVS 490	ENVS 490	ENVS 490	
ENVS 499	ENVS 499	ENVS 499	ENVS 499	
GEOG 101	GEOG 101	ENVS 499	ENVS 499	

BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE

A. General Education Requirements	38-41 sem. hrs
Ethics Course Requirement	3 hrs
ENVS/PHIL 332 Environmental Ethics <u>or</u> PHIL 330 Ethics	
B. Multicultural Requirement	3 sem. hrs
Courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk.	
C. Core Requirements	54 sem. hrs
(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)	
BIOL 110 Principles of Biology I	3 hrs
BIOL 110L Principles of Biology I Laboratory	2 hrs
BIOL 112 Principles of Biology II	3 hrs
BIOL 112L Principles of Biology II Laboratory	2 hrs
BIOL/PSYC/SOCI 324 Statistics for the Behavioral and Natural Sciences	3 hrs
BIOL 343 Botany	5 hrs
BIOL 353 Zoology	5 hrs
ENVS/BIOL 222 Conservation Biology	3 hrs
* ENVS/GEOG 251 Resource Management	3 hrs
ENVS/BIOL 320 Ecology	3 hrs
ENVS/BIOL 320L Ecology Laboratory	2 hrs
ENVS/BIOL/CHEM 395 Research Design	3 hrs
ENVS 490 Senior Seminar	1 hr
ENVS 399/499 Science Internship	3 hrs
CHEM 110 Chemistry I	3 hrs
CHEM 111L Introductory Chemistry Laboratory Experience	2 hrs
CHEM 112 Chemistry II	3 hrs
CHEM 112L Chemistry II Laboratory	2 hrs
*GEOG/ANTH 101 Introduction to Geography	3 hrs
D. Environmental Science Electives	18 sem. hrs

Eighteen semester hours of courses with a BIOL, ENVS, CHEM, GEOL prefix. A minimum of 12 of these hours must be in upper-level coursework. A maximum of three of these hours may be obtained from internships (ENVS 399/499) All courses must be completed with a grade of C or higher.

E. Electives	4-7 sem. hrs
	<hr/> 120 sem. hrs

F. ENVS 490 Senior Seminar is the culminating evaluative experience course that assesses the outcomes of the major. Students (majors) must pass the course with a grade of C or higher prior to graduation.

FORENSIC SCIENCE

Department:	Criminal Justice Administration and Human Services
Chairperson:	Barry Langford, J.D.
Coordinator:	Michael Lyman, Ph.D.
Full-Time Faculty:	Christopher Babayco, Ph.D. Joseph Carrier, Ph.D. Julie Estabrooks, Ph.D. Kenneth Felts, II, Ph.D. Alan James, Ph.D. Barry Langford, J.D. Natasha Latushkina, Ph.D. Michael Lyman, Ph.D. Nathan Means, Ph.D. Ann Schlemper, Ph.D. Frank Somer, Ph.D. Kent Strodtman, Ph.D. Suzanne Tourville, Ph.D. Peggy Wright, Ph.D.
Degree:	Bachelor of Science in Forensic Science
Minors:	Biology Chemistry Criminal Justice Administration Criminology
Certificate:	Crime Scene Investigation
Culminating Experience Course:	CJAD 475 Senior Seminar in Forensic Science

The major in *Forensic Science* is designed to provide training for students seeking to work in the forensic science laboratories or who are planning to pursue careers in the field of forensic science. The major draws from the biological sciences, physics and chemistry as well as from the fields of criminal justice and the law.

The degree is generated from a cross-disciplinary perspective, blending faculty expertise from both the criminal justice and science program areas. A

principal focus of the program is to prepare students for entry-level positions and for advancement in various occupations and professions in the criminal justice and science areas. The faculty encourages wide and varied preparation in both the liberal arts and sciences to provide students with an appreciation of the scientific and social environment of crime and criminal justice.

As students prepare for a career in forensic sciences, they should be reasonably informed on which area to focus. For example, if one wishes to work in a crime laboratory, most positions are of the “criminalist” category, but various areas will require specific coursework. Examples are as follows:

Criminalist I – Physical Evidence. Coursework should include at least two natural science classes, algebra, and trigonometry (coursework in calculus can be substituted for the algebra and trigonometry).

Criminalist I – DNA. Coursework should include 20 semester hours in biology (course credit in genetics, biochemistry, molecular biology, recombinant DNA technology or other subjects which provide a basic understanding of the foundations of forensic DNA analysis should be included in hours).

Criminalist I – Trace Evidence. Coursework should include at least 20 hours of chemistry (organic and inorganic).

Criminalist I – Toxicology. Coursework should include at least 20 hours of chemistry including two semesters of general chemistry and two semesters of organic chemistry, and one semester of quantitative analysis, with a minimum acceptable grade of C.

Criminalist I – Latent Prints. Coursework should include at least two natural science classes, with a minimum acceptable grade of C.

Criminalist I – Questioned Documents. Baccalaureate degree should be in one of the Natural Sciences or Criminal Justice.

Students majoring in this degree should work closely with their academic advisor to ensure proper coursework is taken for the student’s preferred career option.

Course Rotation Schedule**Core/Track Requirements:**

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
BIOL 110	BIOL 110	BIOL 110	BIOL 110	PHYS 211
BIOL 110L	BIOL 110L	BIOL 110L	BIOL 110L	PHYS 212
BIOL/PSYC/ SOCI 324	BIOL/PSYC/ SOCI 324	BIOL/PSYC/ SOCI 324	BIOL/PSYC/ SOCI 324	
BIOL 410	BIOL 410	BIOL 342	BIOL 342	
BIOL 410L	BIOL 410L	BIOL 342L	BIOL 342L	
CHEM 110	CHEM 110	BIOL/	BIOL/	
CHEM 111L	CHEM 111L	CHEM 420	CHEM 420	
CHEM 306	CHEM 306	BIOL/	BIOL/	
CHEM 310	CHEM 310	CHEM 420L	CHEM 420L	
CHEM 310L	CHEM 310L	CHEM 110	CHEM 110	
CJAD 335	CJAD 335	CHEM 111L	CHEM 111L	
CJAD 335L	CJAD 335L	CHEM 112	CHEM 112	
CJAD 475	CJAD 475	CHEM 112L	CHEM 112L	
MATH 201	MATH 201	CHEM 312	CHEM 312	
MATH 222	MATH 222	CHEM 312L	CHEM 312L	
PHYS 111	PHYS 111	CJAD 335	CJAD 335	
PHYS 111L	PHYS 111L	CJAD 335L	CJAD 335L	
		CJAD 475	CJAD 475	
		MATH 201	MATH 201	
		MATH 222	MATH 222	
		PHYS 112	PHYS 112	
		PHYS 112L	PHYS 112L	

Electives:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
BIOL 221	BIOL 221	BIOL 312	BIOL 312	CJAD 305
BIOL 221L	BIOL 221L	BIOL 312L	BIOL 312L	CJAD 413
BIOL 223	BIOL 223	CHEM/	CHEM/	CJAD 445
BIOL 223L	BIOL 223L	BIOL/	BIOL/	PHIL/
BIOL 290	BIOL 290	ENVS 395	ENVS 395	HIST 303
BIOL 290L	BIOL 290L	BIOL/	BIOL/	
CHEM 306	CHEM/	CHEM 420	CHEM 420	
CHEM/	BIOL/	BIOL/	BIOL/	
BIOL/	ENVS 395	CHEM 420L	CHEM 420L	
ENVS 395	CHEM 306	CHEM/	CHEM/	
CJAD 101	CHEM 322	PHYS 401	PHYS 401	
CJAD 201	CJAD 101	CJAD 101	CJAD 101	
CJAD 203	CJAD 201	CJAD 203	CJAD 203	
CJAD 499	CJAD 203	CJAD 303	CJAD 303	
PHIL 210	CJAD 406	CJAD 415	CJAD 415	
PSYC 450	CJAD 499	CJAD 499	CJAD 495	
	MATH 380	PHIL 210	CJAD 499	
	PHIL 210	CHEM 307	PHIL 210	
	PSYC 450		CHEM 307	

BACHELOR OF SCIENCE IN FORENSIC SCIENCE**A. General Education Requirements 38-41 sem. hrs****Ethics Course Requirement 3 hrs**

CJAD 345 Ethics & Morality in Criminal Justice **or** PHIL 330 Ethics

B. Multicultural Requirements 3 sem. hrs

Courses that meet this requirement can be found on pages 32-33.

C. Core Requirements 46 sem. hrs

(All courses must be completed with a grade of C or higher. Courses in the major may not be taken as Pass/Fail.)

BIOL 110	Principles of Biology I	3 hrs
BIOL 110L	Principles of Biology I Laboratory	2 hrs
BIOL/PSYC/SOCI 324	Statistics for the Behavioral and Natural Sciences	3 hrs
CHEM 110	Chemistry I	3 hrs
CHEM 111L	Introductory Chemistry Laboratory Experience	2 hrs
CHEM 112	Chemistry II	3 hrs
CHEM 112L	Chemistry II Laboratory	2 hrs
CHEM 310	Organic Chemistry I	3 hrs
CHEM 310L	Organic Chemistry I Laboratory	2 hrs
CJAD 335	Criminalistics	3 hrs
CJAD 335L	Criminalistics Laboratory	2 hrs
CJAD 475	Senior Seminar in Forensic Science	3 hrs
MATH 201	Calculus & Analytic Geometry I	5 hrs
MATH 222	Calculus & Analytic Geometry II	5 hrs
PHYS 111	College Physics I	3 hrs
and PHYS 111L	Physics I Laboratory	2 hrs
or PHYS 211	Calculus-based Physics I	5 hrs

In addition to successful completion of the core requirements listed above, students seeking a Bachelor of Science in Forensic Science degree must complete one of two tracks: Chemistry or Biology. The decision to choose one of these two options is based on the student's career objectives which can be very specific about which coursework is required. Therefore, it is incumbent upon the student to be familiar with their targeted career track to ensure they have taken the correct coursework to be a competitive candidate for the position desired.

Please note: As you schedule your classes, please ensure that you have a sufficient number of upper-level hours to satisfy the 39 upper-level requirement.

D. Chemistry Track 15 sem. hrs

CHEM 306	Analytical Chemistry I	5 hrs
CHEM 312	Organic Chemistry II	3 hrs
CHEM 312L	Organic Chemistry II Laboratory	2 hrs
PHYS 112	College Physics II and	3 hrs
PHYS 112L	College Physics II Laboratory or	2 hrs
PHYS 212	Calculus-Based Physics II	5 hrs

E. Biology Track 15 sem. hrs

BIOL 342	Genetics	3 hrs
BIOL 342L	Genetics Laboratory	2 hrs
BIOL 410	Molecular Biotechnology	3 hrs
BIOL 410L	Methods in Molecular Biotechnology	2 hrs
BIOL 420	Biochemistry	3 hrs
BIOL 420L	Biochemistry Laboratory	2 hrs

F. Electives for Chemistry and Biology Tracks 12-17 sem. hrs

BIOL	290	Principles of Cell Biology	3 hrs
BIOL	290L	Principles of Cell Biology Laboratory	2 hrs
BIOL/CHEM/ENVS	395	Research Design in the Sciences	3 hrs
BIOL	420	Biochemistry (Chemistry Track Only)	3 hrs
BIOL	420L	Biochemistry Laboratory (Chemistry Track Only)	2 hrs
CHEM	307	Analytical Chemistry II	5 hrs
CHEM	322	Inorganic Chemistry	3 hrs
CHEM/PHYS	401	Introduction to Physical Chemistry/Chemical Physics	3 hrs
CJAD	406	Expert and Scientific Evidence	3 hrs
MATH	380	Advanced Calculus	3 hrs

G. General Forensic Science Area Electives 12-18 sem. hrs

BIOL	221	Clinical Microbiology	3 hrs
BIOL	221L	Clinical Microbiology Laboratory	2 hrs
BIOL	223	Anatomy	3 hrs
BIOL	223L	Anatomy Laboratory	2 hrs
BIOL	312	Microbiology	3 hrs
BIOL	312L	Microbiology Laboratory	2 hrs
CJAD	101	Introduction to Criminal Justice Administration	3 hrs
CJAD	201	Criminal Investigation	3 hrs
CJAD	203	Crime Scene Investigation	3 hrs
CJAD	303	Crime Scene Photography	3 hrs
CJAD	305	Forensic Anthropology	3 hrs
CJAD	413	Bloodstain Evidence	3 hrs
CJAD	415	Criminal Procedures	3 hrs
CJAD	445	Forensic Pathology	3 hrs
CJAD	399/499	Criminal Justice Internship	1-3 hrs
PHIL	210	Logic & Critical Thinking	3 hrs
PHIL/HIST	303	History & Philosophy of Modern Science	3 hrs
PSYC	450	Abnormal Psychology	3 hrs

H. Crime Scene Investigation Certificate (Optional) 15 sem. hrs

I. A candidate for a baccalaureate degree with a major in Forensic Science must pass, with a satisfactory rating (grade of C or higher), CJAD 475 Senior Seminar in Forensic Science, as a culminating evaluative experience.

J. TOTAL 123-140 sem. hrs**CERTIFICATE IN CRIME SCENE INVESTIGATION**

Students desiring a concentration in the identification, documentation and preservation of evidence at crime scenes may choose a *Certificate in Crime Scene Investigation* as part of their degree completion plan. The CSI certificate will appear on the student's academic transcript and provide evidence that the student has satisfied academic requirements for departmentally recognized courses in the area. The CSI certificate consists of successful completion of 15 semester hours of designated coursework. The student must successfully complete 9 of these semester hours at Columbia College. To qualify for the awarding of the certificate, each Columbia College course that comprises the certificate must be completed with a minimum grade of "B."

Certificate Requirements: Students are required to complete a mandatory 9 credit hour core block of courses with 6 additional discretionary credit hours chosen from a list of pre-approved courses. These courses are:

Required:	9 sem. hrs
CJAD 201 Criminal Investigation	3 hrs
CJAD 203 Crime Scene Investigation	3 hrs
CJAD 303 Crime Scene Photography	3 hrs

Electives (Taken from the following list) 6 sem. hrs

CJAD 305 Forensic Anthropology	3 hrs
CJAD 327 Fingerprint Evidence	3 hrs
CJAD 328 Shooting Incidents	3 hrs
CJAD 333/433 Topics: (Departmental approval required)	3 hrs
CJAD 413 Bloodstain Evidence	3 hrs
CJAD 445 Forensic Pathology	3 hrs

Total required: 15 sem. hrs

The CSI Certificate is available only to students who have a declared major in Criminal Justice Administration (BS or BA), a minor in Criminal Justice or major in Forensic Science (BS). The certificate will be awarded only after successful completion of the student's degree program in one of the above areas.

BACHELOR OF GENERAL STUDIES FOR ELEMENTARY EDUCATION CERTIFICATION**A. General Education Requirements: 38-41 hrs****Basic Studies (12 hours)**

CISS 170 Introduction to Computer Systems <u>or</u>	3 hrs
CISS 176 Introduction to Computer Science	

COMM 110 Introduction to Speech	3 hrs
ENGL 112 English Composition II	3 hrs
MATH 150 College Algebra	3 hrs

History (6 hours)Choose two courses from the following:

HIST 101 Western Civilization I	3 hrs
HIST 102 Western Civilization II	3 hrs
HIST 111 World History to 1500	3 hrs
HIST 112 World History since 1877	3 hrs
HIST 121 American History to 1877	3 hrs
HIST 122 American History Since 1877	3 hrs

Arts and Humanities (6 hours)Choose one or two from the following:

ARTS 105 Art Appreciation	3 hrs
ARTS 111 Art and Ideas I	3 hrs
ARTS 112 Art and Ideas II	3 hrs
MUSI 122 Music Appreciation	3 hrs

Choose none or one of the following:

ARTS 105 Art Appreciation	3 hrs
ARTS 111 Art and Ideas I	3 hrs
ARTS 112 Art and Ideas II	3 hrs
COMM 203 Understanding Human Communication	3 hrs
COMM 224 Film History & Analysis	3 hrs
ENGL 123 Intro to Mythology & Folklore	3 hrs
ENGL 210 Intro to Fiction	3 hrs
ENGL 211 Intro to Poetry	3 hrs
ENGL 212 Intro to Drama	3 hrs
ENGL 231 English Literature I	3 hrs
ENGL 232 English Literature II	3 hrs
ENGL 241 American Literature I	3 hrs
ENGL 242 American Literature II	3 hrs
ENGL 263 World Literature I	3 hrs
ENGL 264 World Literature II	3 hrs
MUSI 122 Music Appreciation	3 hrs

Natural Sciences and Mathematics (6 hours)

ENVS/BIOL 115L Intro to Environmental Science	3 hrs
CHEM/PHYS 108 Physical Science Survey	3 hrs

Social and Behavioral Sciences (6 hours)

PSYC 101 General Psychology	3 hrs
GEOG/ANTH 101 Intro to Geography	3 hrs

Ethics (3 hours)

EDUC 200 Law, Ethics and Education	3 hrs
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B. Multicultural Requirement (3 hours)

SOCI/ANTH 270 Minority Cultures & Relations	3 hrs
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C. Elementary Ed Certification Minor:

SOCI/ANTH 270 Minority Cultures and Relations	3 hrs
EDUC 102 Introduction to Education I	1 hr
EDUC 103 Introduction to Education II	1 hr
EDUC 105 Human Health	3 hrs
EDUC 200 Law, Ethics and Education	3 hrs
EDUC/PSYC 230 Educational Psychology	3 hrs
EDUC 270 Literature for Children & Adolescents	3 hrs
EDUC 300 Techniques of Teaching	3 hrs
EDUC 302 Teaching Skills	3 hrs
EDUC 311 Classroom Behavior Management Techniques	3 hrs
EDUC 322 Educational Measurement & Assessment	3 hrs
EDUC 331 Teaching of Reading	3 hrs
EDUC 336 Creative and Language Arts in Elementary & Middle Schools	3 hrs
EDUC 338 Teaching Reading in the Content Area	3 hrs
EDUC 358 Teaching Mathematics in the Elementary School	3 hrs
EDUC 380 Diagnostic & Corrective Reading	3 hrs
EDUC 390 Education and Psychology of the Exceptional Child	3 hrs
EDUC/PSYC 391 Child Psychology	3 hrs
EDUC 400 Senior Seminar	3 hrs
EDUC 420 Student Teaching in the Elementary School	3 hrs

Total	128 sem. hrs
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Elementary Ed Content Area Minors in Language Arts, Social Studies, Science and Mathematics

NOTE: Many of these courses also apply toward General Education requirements and the Elementary Education Certification Minor. Students must complete the four minors listed below to earn this degree.

Language Arts: (21 hours)

COMM 110 Introduction to Speech	3 hrs
EDUC 270 Literature for Children and Children & Adolescents	3 hrs
EDUC 331 Teaching of Reading	3 hrs
EDUC 336 Creative and Language Arts in Elementary & Middle Schools	3 hrs
EDUC 338 Teaching Reading in the Content Area	3 hrs
EDUC 380 Diagnostic & Corrective Reading	3 hrs
ENGL 112 English Composition II	3 hrs

Mathematics: (21 hours)

CISS 170 Intro to Computer Information Systems or	3 hrs
CISS 176 Intro to Computer Science	3 hrs
EDUC 358 Teaching Mathematics in the Elementary School	3 hrs
MATH 102 Mathematics for Elementary School Teachers	3 hrs
MATH 150 College Algebra	3 hrs
MATH 170 Finite Mathematics	3 hrs
MATH Electives (above MATH 106)	6 hrs

Science: (21 hours)

BIOL 108 Human Biology <u>or</u>	3 hrs
BIOL 110 Principles of Biology	3 hrs
EDUC/CHEM 105 Human Health	3 hrs
PHYS/CHEM 108 Physical Science Survey	3 hrs
PHYS/CHEM 108 Physical Science Survey Laboratory	3 hrs
ENVS/BIOL 115 Intro to Environmental Science	3 hrs
ENVS/BIOL 115L Intro to Environmental Science Laboratory	3 hrs
GEOG 110 Intro to Physical Geology	3 hrs
BIOL 108L Human Biology Laboratory or	3 hrs
BIOL 110L Principles of Biology Lab or	3 hrs
GEOL 110L Intro to Physical Geology Laboratory	3 hrs

Social Studies: (27 hours)

ECON 293 Macroeconomics	3 hrs
EDUC/PSYC 230 Educational Psychology	3 hrs
EDUC 390 Education and Psychology of the Exceptional Child	3 hrs
EDUC/PSYC 391 Child Psychology	3 hrs
GEOG/ANTH Intro to Geography	3 hrs
PSYC 101 General Psychology	3 hrs
SOCI/ANTH 270 Minority Cultures and Relations	3 hrs
History courses from "General Education" section listed above	6 hrs

GENERAL STUDIES

BACHELOR OF GENERAL STUDIES

This degree is designed by the student and advisor and integrates coursework from across the curriculum. It is designed for the student who desires a liberal arts and sciences bachelor's degree from Columbia College but for whom there is not an appropriate major. Students can build the Bachelor of General Studies degree around minors.

A. General Education Requirements 38-41 sem. hrs

B. Multicultural Requirement 3 sem. hrs

Courses that meet this requirement can be found on pages 32-33.

C. Ethics Course Requirement 3 hrs

PHIL 330 Ethics or Ethics course specific to the minor being pursued.

D. Electives 76-79 sem. hrs
120 sem. hrs

HISTORY

Department: History and Political Science

Chairperson: Brian Kessel, Ph.D.

**Full-Time Faculty: Anthony Alioto, Ph.D.
Tonia Compton, Ph.D.
David Karr, Ph.D.
Brad Lookingbill, Ph.D.
Michael Polley, Ph.D.**

Degree: Bachelor of Arts in History

**Minors: Geography
History
International Relations
Legal Studies
Political Science**

**Culminating Experience Course:
HIST 494 Historical Research and Methods**

History majors acquire an education that promotes citizenship and personal enrichment while preparing them for a wide range of professional goals. The History program helps to prepare majors for graduate or law school as well as public service and private sector careers. Internship opportunities are available.

Course Rotation Schedule

Core Requirements:

<u>Even Fall</u>	<u>Odd Fall</u>	<u>Even Spring</u>	<u>Odd Spring</u>	<u>Occasional</u>
HIST 101	HIST 101	HIST 101	HIST 101	
HIST 102	HIST 102	HIST 102	HIST 102	
HIST 111	HIST 111	HIST 112	HIST 112	
HIST 121	HIST 121	HIST 122	HIST 122	
HIST 294	HIST 294	HIST 494	HIST 494	

Electives:

<u>Even Fall</u>	<u>Odd Fall</u>	<u>Even Spring</u>	<u>Odd Spring</u>	<u>Occasional</u>
HIST 234	HIST 321	HIST 314	HIST/	HIST 231
HIST 312	HIST 335	HIST 322	ANTH 235	HIST 232
HIST 329	HIST 370	HIST 336	HIST 316	HIST/
HIST 358	HIST 374	HIST 350	HIST 337	PHIL 303
HIST 372	HIST/	HIST/	HIST 342	HIST 318
	RELI 381	MGMT 371	HIST/	HIST 332
		HIST/	WMST 373	HIST 334
		RELI 382		HIST/
				PHIL 340
				HIST/
				ENVS 352
				HIST 359
				HIST 362

BACHELOR OF ARTS IN HISTORY**A. General Education Requirements 38-41 sem. hrs****Ethics Course Requirement 3 hrs**
PHIL 330 Ethics**B. Foreign Language Requirement 6 hrs****C. Multicultural Requirement 3 sem. hrs**
Courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk.**D. Core Requirements 18 sem. hrs**
(All courses must be completed with a grade of C or higher.) Courses in the major cannot be taken as Pass/Fail.HIST 101 Western Civilization I **or** 3 hrs
HIST 111 World History to 1500
HIST 102 Western Civilization II **or** 3 hrs
HIST 112 World History Since 1500
HIST 121 American History to 1877 3 hrs
HIST 122 American History Since 1877 3 hrs
HIST 294 Introduction to the Historian's Craft 3 hrs
HIST 494 Historical Research & Methods 3 hrs**E. History Electives 24 sem. hrs**
Nine semester hours selected from the following United States History cluster:HIST 312 Twentieth Century American Diplomatic History 3 hrs
HIST 321 History of the Modern U.S. 3 hrs
HIST 342 American Civil War 3 hrs
HIST 350 American Revolution 3 hrs
HIST 352 American Environmental History 3 hrs
HIST 362 History of the American West 3 hrs
HIST 370 American Military History 3 hrs
HIST 371 History of American Business 3 hrs
*HIST 372 American Indian History 3 hrs
HIST 373 Women and Gender in American History 3 hrs
HIST 374 African American History 3 hrs**Nine semester hours selected from the following European History cluster:**HIST 303 History and Philosophy of Modern Science 3 hrs
HIST 322 Women and Gender in European History 3 hrs
HIST 329 Warfare, Witches and the Outlines of Modern Life: Early Modern Europe, 1550-1700 3 hrs
HIST 332 The European Renaissance 3 hrs
HIST 334 The European Enlightenment 3 hrs
HIST 335 Nineteenth Century Europe 3 hrs
HIST 336 Twentieth Century Europe 3 hrs
HIST 337 Fascism in Europe, 1900-1945 3 hrsHIST 340 Philosophy of Revolution 3 hrs
HIST 358 The Making of Modern Britain 3 hrs
HIST 359 Rise and Fall of the British Empire 3 hrs
HIST 381 History of Christianity: The Early Church 3 hrs
HIST 382 Christianity in the Modern World 3 hrs**Three semester hours selected from the following Comparative History cluster:***HIST 231 Imperial Russia 3 hrs
HIST 359 History of Russia 1825 to Present 3 hrs
*HIST 234 History of Latin America 3 hrs
*HIST/ANTH 235 History and Democracy in the Modern Middle East 3 hrs
*HIST 314 Modern China 3 hrs
*HIST 316 Modern Japan 3 hrs
HIST 318 The Vietnam War 3 hrs**At least three additional semester hours with the HIST prefix at or above the 200-level.** Students are encouraged to complete a history internship or a special topics course or another elective in one of the clusters above. A maximum of thirty semester hours of history requirements may be met in transfer. At least six semester hours of upper-level credit must be taken from Columbia College.**F. Other Electives 28-31 sem. hrs**

120 sem. hrs**G. HIST 494, Historical Research and Methods, is the culminating evaluative course that assesses the outcomes of the major. Students (majors) must pass the course with a grade of C or higher prior to graduation.****HUMAN SERVICES****Department:** Criminal Justice Administration and Human Services**Chairperson:** Barry Langford, J.D.**Full-Time Faculty:** Michael Perkins
Lia Willis, Ph.D.**Degrees:** Bachelor of Arts in Human Services
Bachelor of Science in Human Services
Associate in Science in Human Services**Minors:** Criminology
Human Services
Intergenerational Studies
Sociology

Culminating Experience Course:

HUMS 495 Integrative Seminar

The field of Human Services is one of the most rapidly growing sectors within the United States' economy with many career options.

The National Organization for Human Services (NOHS) defines Human Services as the profession of:

Meeting human needs through an interdisciplinary knowledge base, focusing on prevention as well as remediation of problems, and maintaining a commitment to improving the overall quality of life of service populations. The Human Services profession is one which promotes improved service delivery by addressing not only the quality of direct services, but also by seeking to improve accessibility, accountability and coordination among professionals and agencies in service delivery.

The goal of the Human Services program at Columbia College is to assist students in developing empirically-based knowledge and practice skills fundamental for responsible and effective application within the Human Services field. The program also helps prepare students for graduate studies in a variety of fields and emphasizes the need for life-long learning.

Two baccalaureate degrees are offered in Human Services: The Bachelor of Arts and the Bachelor of Science.

For students currently working in the field of human services, or who otherwise have considerable work experience, the BA is recommended. For those desiring to enter the field, or for those with minimal work experience, the BS degree is recommended since it offers the internship experience.

Course Rotation Schedule

Core Requirements:

<u>Even Fall</u>	<u>Odd Fall</u>	<u>Even Spring</u>	<u>Odd Spring</u>	<u>Occasional</u>
HUMS 105	HUMS 105	HUMS 105	HUMS 105	
HUMS 250	HUMS 250	HUMS 250	HUMS 250	
HUMS 325	HUMS 325	HUMS 300	HUMS 300	
HUMS 335	HUMS 335	HUMS 340	HUMS 340	
HUMS 495	HUMS 495	HUMS 345	HUMS 345	
HUMS 499	HUMS 499	HUMS/	HUMS/	
PSYC 101	PSYC 101	SOCI 365	SOCI 365	
SOCI /	SOCI/	HUMS 495	HUMS 495	
ANTH270	ANTH 270	HUMS 499	HUMS 499	
		PSYC 101	PSYC 101	
		SOCI /	SOCI /	
		ANTH 270	ANTH 270	

Electives:

<u>Even Fall</u>	<u>Odd Fall</u>	<u>Even Spring</u>	<u>Odd Spring</u>	<u>Occasional</u>
HUMS/	HUMS 380	HUMS 375	HUMS 375	
SOCI 350	HUMS 385	HUMS 390	HUMS 390	
HUMS 380	SOCI 421			
HUMS 385				
SOCI 421				

BACHELOR OF ARTS IN HUMAN SERVICES

A. General Education Requirements 38-41 sem. hrs

Ethics Course Requirement 3 hrs
PHIL 330 Ethics

B. Foreign Language Requirement 6 hrs

C. Multicultural Requirement 3 sem. hrs
Courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk.

D. Core Requirements 33 sem. hrs
(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

HUMS 105	Introduction to Human Services	3 hrs
HUMS 250	Working with Individuals	3 hrs
HUMS 300	Exploring Research	3 hrs
HUMS 325	Case Management	3 hrs
HUMS 335	Working with Groups	3 hrs
HUMS 340	Working with Families	3 hrs
HUMS 345	Working with Communities and Organizations	3 hrs
HUMS/SOCI 365	American Social Policy	3 hrs
HUMS 495	Integrative Seminar	3 hrs
PSYC 101	General Psychology	3 hrs
* SOCI/ANTH 270	Minority Cultures and Relations	3 hrs

E. Human Services Electives 12 sem. hrs
Chosen from below:

HUMS 310	Military Case Work	3 hrs
HUMS 333/433	Topics	3 hrs
HUMS/SOCI 350	Social Gerontology	3 hrs
HUMS 375	Disabilities	3 hrs
HUMS 380	Substance Abuse	3 hrs
HUMS 385	Mental Health	3 hrs
HUMS 390	Child Welfare	3 hrs
SOCI 421	Class, Status and Power	3 hrs

F. Electives 25-28 sem. hrs
120 sem. hrs.

G. As the Culminating Evaluative Experience, all students must complete HUMS 495 Integrative Seminar with a grade of C or higher.

BACHELOR OF SCIENCE IN HUMAN SERVICES

A. General Education Requirements 38-41 sem. hrs

Ethics Course Requirement 3 hrs
PHIL 330 Ethics

B. Multicultural Requirement 3 sem. hrs
Courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk.

C. Core Requirements 33-36 sem. hrs
(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

HUMS 105 Introduction to Human Services 3 hrs

HUMS 250 Working with Individuals 3 hrs

HUMS 300 Exploring Research 3 hrs

HUMS 335 Working with Groups 3 hrs

HUMS 340 Working with Families 3 hrs

HUMS 345 Working with Communities and Organizations 3 hrs

HUMS/SOCI 365 American Social Policy 3 hrs

HUMS 495 Integrative Seminar 3 hrs

HUMS 499 Internship 3-6 hrs

PSYC 101 General Psychology 3 hrs

* SOCI/ANTH 270 Minority Cultures and Relations 3 hrs

D. Human Services Electives 12 sem. hrs

Chosen from below:

HUMS 310 Military Case Work 3 hrs

HUMS 325 Case Management 3 hrs

HUMS 333/433 Topics 3 hrs

HUMS/SOCI 350 Social Gerontology 3 hrs

HUMS 375 Disabilities 3 hrs

HUMS 380 Substance Abuse 3 hrs

HUMS 385 Mental Health 3 hrs

HUMS 390 Child Welfare 3 hrs

SOCI 421 Class, Status and Power 3 hrs

E. Electives 28-34 sem. hrs

F. As the Culminating Evaluative Experience, all students must complete HUMS 495 Integrative Seminar with a grade of C or higher.

MANAGEMENT INFORMATION SYSTEMS

Department: Computer and Mathematical Sciences

Chairperson: Suzanne Tourville, Ph.D.

Full-Time Faculty: Kenneth Akers
Kelley Frink
Timothy Ireland, Ph.D.
Angela Kinworthy
Yihsiang Liow, Ph.D.
Kenneth Middleton, Ph.D.
Tom Stauder
Diane Suhler, Ph.D.
Seth Warn, Ph.D.
Joann Wayman, Ph.D.
Sally Wells
Youlong Zhuang, Ph.D.

Degree: Bachelor of Science in Management Information Systems

Minors: Business
Computer Information Systems
Computer Science

Culminating Experience Course: CISS 492 Senior Seminar in Management Information Systems

The Computer and Mathematical Sciences Department offers Bachelor of Science degrees in computer science, computer information systems, management information systems as well as mathematics. The degrees provide a liberal arts education while emphasizing preparation for either graduate school or a rewarding career. Students are provided with a rigorous theoretical background coupled with practical and essential skills to begin either a rewarding career in the computer field or advanced studies in graduate school. The programs reflect important trends and developments in the computer field.

The computer degree programs are based on Computing Curricula 2001 prepared by the Association for Computing Machinery (ACM) and the IEEE Computer Society. The computer science degree has a significant mathematics component while the computer information systems and management degrees require several business courses. The degrees provide

a wide variety of elective courses that allow the student to tailor a program of study to match their interests.

Students majoring in Computer Science, Computer Information Systems or Management Information Systems are required to purchase a laptop computer no later than the semester in which they enroll in CISS 245 Advanced Programming.

Course Rotation Schedule

Core Requirements:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
ACCT 280	ACCT 280	ACCT 280	ACCT 280	CISS 301
ACCT 281	ACCT 281	ACCT 281	ACCT 281	CISS 302
CISS 234	CISS 234	CISS 325	CISS 325	
CISS 285	CISS 285	CISS 492	CISS 430	
CISS 365	CISS 492	FINC 350	CISS 492	
CISS 492	FINC 350	MATH 250	FINC 350	
FINC 350	MATH 250	MGMT 254	MATH 250	
MATH 250	MGMT 254	MGMT 330	MGMT 254	
MGMT 254	MGMT 330	MKTG 310	MGMT 330	
MGMT 330	MKTG 310		MKTG 310	
MKTG 310				

Electives:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
CISS 240	CISS 240	ACCT 385	ACCT 385	CISS 238
CISS 245	CISS 245	CISS 240	CISS 240	CISS
CISS 390	CISS 391	CISS 245	CISS 245	355/455
CISS 499	CISS 499	CISS 499	CISS 298	CISS 433
ECON 293	ECON 293	ECON 293	CISS 472	
ECON 294	ECON 294	ECON 294	CISS 499	
MGMT 265	MGMT 265	MGMT 365	ECON 293	
MGMT 338	MGMT 338	MGMT 338	ECON 294	
MGMT 341	MGMT 341	MGMT 362	MGMT 265	
MGMT 362	MGMT 362		MGMT 338	
			MGMT 362	

BACHELOR OF SCIENCE IN MANAGEMENT INFORMATION SYSTEMS

A. General Education 38-41 sem. hrs Requirements

Ethics Course Requirement: 3 hrs

MGMT 368 Business Ethics or
PHIL 330 Ethics

B. Multicultural Requirement 3 sem. hrs

Courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk.

C. Computer Information System Core Requirements 24 sem. hrs

(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

CISS 234	Visual Basic	3 hrs
CISS 285	Structural Systems Analysis and Design	3 hrs
CISS 301	Operating Systems for Business Computing	3 hrs
CISS 302	Business Data Communications and Networking	3 hrs

CISS 325	Systems Analysis Design and Implementation Projects	3 hrs
CISS 365	Project Management	3 hrs
CISS 430	Introduction to Database Systems	3 hrs
CISS 492	Senior Seminar in Management Information Systems	3 hrs

D. Business Core Requirements 21 sem. hrs
(All courses must be completed with a grade of C or higher.)

ACCT 280	Accounting I	3 hrs
ACCT 281	Accounting II	3 hrs
FINC 350	Business Finance	3 hrs
MATH 250	Statistics I	3 hrs
MGMT 254	Business Communication	3 hrs
MGMT 330	Principles of Management	3 hrs
MKTG 310	Principles of Marketing	3 hrs

E. Management Information Systems Electives 24 sem. hrs

15 hours from E1 and 9 hours from E2:

E1. Information Systems Electives (15 hours)

CISS 238	Java	3 hrs
CISS 240	Introduction to Programming	4 hrs
CISS 245	Advanced Programming	4 hrs
CISS 298	Web Programming	3 hrs
CISS 355	Directed Studies	3 hrs
CISS 390	Global Information Management Systems	3 hrs
CISS 391	Information Systems Security	3 hrs
CISS 433	Topics in MIS	3 hrs
CISS 455	Directed Study	3 hrs
CISS 472	Data Warehousing and Decision Support Systems	3 hrs
CISS 499	Internship	3 hrs

E2. Business Electives (9 hours)

ACCT 385	Accounting Information Systems	3 hrs
ECON 293	Macroeconomics	3 hrs
ECON 294	Microeconomics	3 hrs
MGMT 265	Business Law I	3 hrs
MGMT 338	International Business	3 hrs
MGMT 341	Small Business Management	3 hrs
MGMT 362	Organizational Behavior	3 hrs

F. Electives 7-10 sem. hrs

120 sem. hrs

MATHEMATICS

Department:	Computer and Mathematical Sciences
Chairperson:	Suzanne Tourville, Ph.D.
Full-Time Faculty:	Kenneth Felts, II, Ph.D. Nataliya Latushkina, Ph.D. Yihsiang Liow, Ph.D. Ann Schlemper, Ph.D. Suzanne Tourville, Ph.D. Seth Warn, Ph.D. Youlong Zhuang, Ph.D.
Degree:	Bachelor of Science in Mathematics
Minors:	Computer Information Systems Computer Science Mathematics
Culminating Experience Courses:	MATH 493 Senior Seminar in Mathematics for Teachers MATH 494 Senior Seminar in Mathematics

The Computer and Mathematical Sciences Department offers the Bachelor of Science degree in Mathematics. The degree provides students a mathematics education in the context of a liberal arts and sciences college. A mathematics major is excellent preparation for professional employment in a variety of areas such as business, technology and actuarial science, for teaching at the secondary school level and for entry into medical or law school. The program is also designed to give mathematics majors a solid background for graduate study, not only in mathematics but in related areas as well.

Core Requirements:

<u>Even Fall</u>	<u>Odd Fall</u>	<u>Even Spring</u>	<u>Odd Spring</u>	<u>Occasional</u>
CISS 240	CISS 240	CISS 240	CISS 240	
MATH 201	MATH 201	MATH 201	MATH 201	
MATH 222	MATH 222	MATH 222	MATH 222	
MATH 225	MATH 225	MATH 304	MATH 338	
MATH 300	MATH 303	MATH 381	MATH 493	
MATH 493	MATH 380	MATH 493	MATH 494	
MATH 494	MATH 493	MATH 494		
	MATH 494			

Electives:

<u>Even Fall</u>	<u>Odd Fall</u>	<u>Even Spring</u>	<u>Odd Spring</u>
MATH 305	MATH 330	MATH 325	MATH 325
MATH/		MATH 371	MATH 331
CISS 362			MATH 370
MATH 390			MATH/
			CISS 451

BACHELOR OF SCIENCE IN MATHEMATICS

A. General Education Requirements	38-41 hrs
Ethics Course Requirement	3 hrs
PHIL 330 Ethics	
B. Multicultural Requirement	3 sem. hrs
Courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk.	
C. Core Requirements	38 sem. hrs
(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)	
MATH 201	Calculus and Analytic Geometry I 5 hrs
MATH 222	Calculus and Analytic Geometry II 5 hrs
MATH 225	Discrete Mathematics I 3 hrs
MATH 300	Multivariate Calculus 3 hrs
MATH 303	Linear Algebra 3 hrs
MATH 304	Introduction to Abstract Algebra 3 hrs
MATH 338	Mathematical Statistics and Probability 3 hrs
MATH 380	Advanced Calculus I 3 hrs
MATH 381	Advanced Calculus II 3 hrs
MATH 493	Senior Seminar in Mathematics for Teachers or
MATH 494	Senior Seminar in Mathematics 3 hrs
CISS 240	Introduction to Programming 4 hrs
D. Mathematics Electives	12 sem. hrs
6 semester hours selected from the following:	
MATH 305	Number Theory 3 hrs
*MATH 330	History of Mathematics 3 hrs
MATH 331	Foundations of Geometry 3 hrs
MATH 390	Introduction to Topology 3 hrs
6 semester hours selected from the following:	
MATH 325	Discrete Mathematics II 3 hrs
MATH/CISS 362	Intro to Automata Theory Languages and Computation 3 hrs
MATH 370	Differential Equations 3 hrs
MATH 371	Introduction to Complex Variables 3 hrs
MATH/CISS 451	Introduction to Cryptography and Computer Security 3 hrs
E. Other Electives	26-29 sem. hrs
	120 sem. hrs
F. The courses MATH 494 Senior Seminar in Mathematics and MATH 493 Senior Seminar in Mathematics for Teachers are culminating evaluate courses for the Mathematics program and include the assessment of outcomes of the major. MATH 493 is open only to students pursuing teacher certification. All students majoring in mathematics must pass one of these courses.	

PHILOSOPHY

Department: Humanities

Chairpersons: Mark Price, Ph.D.

Full-Time Faculty: Anthony Alioto, Ph.D.
Melanie Johnson-Moxley, Ph.D.
Mark Price, Ph.D.

Degree: Bachelor of Arts in
Philosophy

Minors: Ethics
Philosophy
Religious Studies

Culminating Experience Course:
PHIL 490 Thematic Seminar
in Philosophy

The academic study of philosophy has been traditionally an essential part of the liberal arts. The study of philosophy seeks to develop the intellectual abilities important for life as a whole. Properly pursued, philosophy enhances analytical, critical and interpretive capacities that may be applied to any academic field. Philosophy is as old as human civilization, asking the most general and profound questions; philosophy begins in wonder and, at its best, seeks the path to wisdom. The major seeks to develop the individual's abilities to critically examine, analyze and appreciate these traditions and ideas – and, in the process, build personal self-expression, creativity and an appetite for life-long learning.

MISSION AND GOALS

1. Students will develop intellectual abilities important for life as a whole. Examples: the study of logic, critical examination of ethics, the study of scientific thought.
2. Students will be prepared for the tasks of citizenship. Example: participation in democracy requires a citizen be sufficiently informed, have knowledge of political philosophy, and be aware of manipulation and demogoguery.
3. Students will develop analytical skills and problem solving abilities. Example: philosophy courses require analysis and reflection on complex issues and texts.
4. Students will develop writing and verbal skills. Example: every course demands cogent logi-

cal and creative responses to issues raised in debate, responses that eschew ill-informed and uncritical (often emotional) arguments.

5. In a global world and economy, students need to clearly understand diverse assumptions and ways of thinking. Examples: students will read and analyze basic philosophical texts and practices of the world.
6. Students will be acquainted with the basic methodologies employed in the study of philosophy. Example: courses require research and the practice of such methodologies.
7. A good education in philosophy enhances the individual's ability to construct a personal and well thought-out value system. Example: examining past philosophies, the student will become aware of their strengths and weaknesses, and how and why many fail in practice.
8. Assessment: all majors are required to take PHIL 490 Thematic Seminar. This culminating course requires: a) concentrated study of a particular issue in the chosen field, b) rigorous examination of the literature, c) a major research paper, d) giving and defending the paper to the seminar, a conference or college-wide audience.

Course Rotation Schedule

Core Requirements:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
PHIL 201	PHIL 201	PHIL 201	PHIL 201	PHIL 490
PHIL/ RELI 202	PHIL/ RELI 202	PHIL/ RELI 202	PHIL/ RELI 202	
PHIL 210	PHIL 210	PHIL 210	PHIL 210	

Electives:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
PHIL 322	PHIL 321	PHIL 460	PHIL/	PHIL/ HIST 303
PHIL/ ENVS 332	PHIL/ ENVS 332		POSC 403 PHIL 460	PHIL 310 PHIL 333/433
PHIL/ RELI 390				PHIL/ HIST 340
PHIL/ POSC 402				PHIL/ RELI 350 PHIL 358 PHIL 401 PHIL 430

BACHELOR OF ARTS IN PHILOSOPHY

A. General Education Requirements	38-41 sem. hrs
Ethics Course Requirement	3 hrs
PHIL 330 Ethics	

B. Foreign Language Requirement 6 sem. hrs**C. Multicultural Requirement 3 sem. hrs**

Courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk.

D. Core Requirements 12 sem. hrs

(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

PHIL 201	Introduction to Western Philosophy	3 hrs
*PHIL/RELI 202	Introduction to Eastern Philosophies and Religions	3 hrs
PHIL 210	Logic & Critical Thinking	3 hrs
PHIL 490	Thematic Seminar in Philosophy	3 hrs

E. Electives 27 sem. hrs

Twenty-seven hours selected from the following courses:

PHIL/HIST 303	History and Philosophy of Modern Science	3 hrs
PHIL 310	Symbolic Logic	3 hrs
PHIL 321	Ancient Philosophy	3 hrs
PHIL 322	Modern Philosophy	3 hrs
PHIL/ENVS 332	Environmental Ethics	3 hrs
PHIL 333	Topics	3 hrs
PHIL/HIST 340	Philosophy of Revolution	3 hrs
PHIL/RELI 350	Philosophy of Religion	3 hrs
PHIL 358	Existentialism	3 hrs
PHIL/RELI 390	The Buddha and Buddhism	3 hrs
PHIL 401	Significant Philosophers	3 hrs
PHIL/POSC 402	Classical Political Philosophy	3 hrs
PHIL/POSC 403	Modern Political Philosophy	3 hrs
PHIL 430	Philosophy of Law	3 hrs
PHIL 433	Topics	3 hrs
PHIL 460	Biomedical Ethics	3 hrs

F. Electives 31-34 sem. hrs**G. Total 120 sem. hrs****POLITICAL SCIENCE**

Department: History and Political Science

Chairperson: Brian Kessel, Ph.D.

Full-Time Faculty: Brian Kessel, Ph.D.
David Roebuck, Ph.D.

Degree: Bachelor of Arts in
Political Science

Minors: Geography
History
International Relations
Legal Studies
Political Science

Culminating Experience Course:

POSC 490 Independent Study in Political Science

The Bachelor of Arts in Political Science offers students the opportunity to examine government from theoretical and practical perspectives. As a discipline, Political Science is concerned with theoretical issues such as democracy, justice and equality, and also with such practical issues as the constitutional structure of governments and the relations between branches and levels of government. Political Science also cultivates an understanding of governmental systems in other areas of the world, the manner in which nations interact, and various modes of citizen participation.

Students are exposed to these concepts in the classroom and by enrolling in governmentally related internships. Other learning experiences are also available, including participation in the Columbia College Mock Trial Team and Model United Nations Team.

A degree in Political Science can lead to careers in government, international affairs, journalism, politics, public relations, graduate study in law, public administration, political science and other academic fields.

Course Rotation Schedule**Core Requirements:**

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
POSC 111	POSC 111	POSC 111	POSC 111	
POSC 390		POSC 490	POSC 292	
POSC/ PHIL 402			POSC/ PHIL 403	
			POSC 490	

Electives:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
POSC 350	AMST/	POSC 315	POSC 215	POSC 312
POSC 353	POSC 280	POSC 331	POSC 317	POSC 330
POSC 361	POSC/	POSC 332	POSC 326	
	MGMT 311	POSC 340	POSC 340	
	POSC 321	POSC 360		
	POSC 440			

BACHELOR OF ARTS IN POLITICAL SCIENCE

A. General Education Requirements 38-41 sem. hrs

Ethics Course Requirement 3 hrs
PHIL 330 Ethics

B. Foreign Language Requirement 6 sem. hrs

C. Multicultural Requirement 3 sem. hrs
Courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk.

D. Political Science Core Requirements 18 sem. hrs

(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

POSC 111	American National Government	3 hrs
* POSC 292	International Relations	3 hrs
POSC 390	Political Science Research Methods	3 hrs
POSC/PHIL 402	Classical Political Philosophy	3 hrs
POSC/PHIL 403	Modern Political Philosophy	3 hrs
POSC 490	Independent Study in Political Science (Senior Thesis)	3 hrs

E. Political Science Electives 30 sem. hrs

Any course with the POSC prefix at the 200 level or higher may be used to fulfill major electives. However, students must take a minimum of twelve hours from each of the following two tracks. A maximum of six hours may be taken as POSC 399 Internship.

Track A: American Politics

POSC 215	State and Local Government	3 hrs
POSC/AMST 280	American Political and Social Thought	3 hrs

POSC/MGMT 311	Public Administration and Policy	3 hrs
POSC 315	American Public Policy	3 hrs
POSC 330	Media and Politics	3 hrs
POSC 332	The American Presidency	3 hrs
POSC 340	Judicial Process	3 hrs
POSC 350	Legislative Process	3 hrs
POSC 361	American Political Parties	3 hrs
POSC 440	Constitutional Law	3 hrs

Track B: International Studies

* POSC 317	Politics of Russia and Eurasia	3 hrs
* POSC 321	Politics of Developing Nations	3 hrs
POSC 326	International Law and Organizations	3 hrs
* POSC 331	European Politics	3 hrs
* POSC 353	Asian Politics	3 hrs
POSC 360	U.S. Foreign Policy	3 hrs

F. Other Electives 22-25 sem. hrs
120 sem. hrs

Students are encouraged to use elective credits to obtain a minor in a related academic field.

G. POSC 490 is the culminating experience course for all students receiving the Bachelor of Arts in Political Science.

PSYCHOLOGY

Department: Psychology and Sociology

Chairperson: Graham Higgs, Ph.D.

**Full-Time Faculty: Cheryl Hardy, Ph.D.
Gretchen Hendrickson, Ph.D.
Graham Higgs, Ph.D.
Christopher Mazurek, Ph.D.**

Degree: Bachelor of Arts in Psychology

Minor: Psychology

**Culminating Experience Course:
PSYC 495 Integrative Psychology**

Psychology is the science that endeavors to achieve the goals of observation, description, understanding, prediction and control of behavior and psychological processes. Topical areas of inquiry

include: human development, personality theory, neuroscience, learning, memory and cognition, emotion, sensation and perception, interpersonal relationships, personal adjustment, abnormal behavior and psychotherapy. Theoretical perspectives most emphasized over the course of studies include: Neuroscience, cognitive science, behavioral and social learning theories, humanist-existential, post-structural and psychodynamic theories.

Because scientific knowledge of behavior and psychological processes are important to all fields of study, persons majoring in areas other than psychology should enroll in selected courses of interest. For the same reason, choosing psychology as a minor also is encouraged. Students majoring in psychology may work with their advisor to select a guided program of study. An applied program is designed to prepare those who plan to seek employment in community agencies in either the private or public sector immediately following graduation with the bachelor degree. Academic studies programs prepare students to pursue studies in psychology at the graduate school level in either practical (i.e., clinical, school, counseling) or experimental (i.e., neuroscience, developmental, social, cognitive) specializations. Psychology majors are expected to understand scientific methods, conduct research, write scholarly research reports in APA style, and present their research findings to peers.

Course Rotation Schedule

Core Requirements:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
PSYC 101	PSYC 101	PSYC 101	PSYC 101	
BIOL/PSYC/ SOC 324	BIOL/PSYC/ SOC 324	BIOL/PSYC/ SOC 324	BIOL/PSYC/ SOC 324	
PSYC/ SOC 325	PSYC/ SOC 325	PSYC/ SOC 325	PSYC/ SOC 325	
PSYC 381	PSYC 381	PSYC 381	PSYC 381	
		PSYC 495	PSYC 495	

Electives:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
PSYC 330	PSYC 304	PSYC/ SOC 360	PSYC/ SOC 360	
PSYC 410	PSYC 330	PSYC/ BIOL 371	PSYC/ BIOL 372	
PSYC 450	PSYC 420 PSYC 450	PSYC 450 PSYC 460	PSYC 460 PSYC 450	

BACHELOR OF ARTS IN PSYCHOLOGY

A. General Education Requirements 38-41 sem. hrs

Ethics Course Requirement 3 hrs
PHIL 330 Ethics

B. Foreign Language Requirement 6 sem. hrs

C. Multicultural Requirement 3 sem. hrs

Courses that meet this requirement can be found on pages 32-33.

D. Psychology Core Requirements 15 sem. hrs

(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

PSYC 101	General Psychology	3 hrs
PSYC/SOCI/BIOL 324	Statistics for the Behavioral and Natural Sciences	3 hrs
PSYC/SOCI 325	Quantitative Research Methods	3 hrs
PSYC 381	History and Systems of Psychology	3 hrs
PSYC 495	Integrative Psychology	3 hrs

E. Psychology Electives 33 sem. hrs

At least 21 hours chosen from below:

PSYC 304	Personality Theory	3 hrs
PSYC 330	Lifespan Developmental Psychology	3 hrs
PSYC/SOCI 360	Social Psychology	3 hrs
PSYC/BIOL 371	Neuroscience	3 hrs
PSYC/BIOL 372	Sensation and Perception	3 hrs
PSYC 410	Learning Theories	3 hrs
PSYC 420	Cognitive Psychology	3 hrs
PSYC 450	Abnormal Psychology	3 hrs
PSYC 460	Introduction to Clinical and Counseling Psychology	3 hrs

Twelve additional hours in psychology are chosen by the student with the approval of a Psychology advisor. Psychology electives should be selected on the basis of career interests.

F. Electives 22-25 sem. hrs

120 sem. hrs

G. Culminating Evaluative Experiences: all students must complete PSYC 495 Integrative Psychology with a grade of C or higher and also a comprehensive exit interview.

SOCIOLOGY

Department:	Psychology and Sociology
Chairperson:	Graham Higgs, Ph.D.
Full-Time Faculty:	Yngve Digernes, Ph.D. Aurelien Mauxion, Ph.D. Ahoo Tabatabai, Ph.D.
Degree:	Bachelor of Arts in Sociology
Minors:	Anthropology Criminology Intergenerational Studies International Relations Sociology Women's Studies
Culminating Experience Course:	SOCI 495 Integrative Seminar

Sociology is the study of society. It is a social science involving the study of the social lives of people, groups, and societies. It is the study of our behavior as social beings, covering everything from the analysis of short contacts between anonymous individuals on the street to the study of global social processes. Sociology is the scientific study of how our lives are shaped by social institutions, such as family, schools, religious institutions, mass media, government, etc. It includes the analysis of social issues and problems such as poverty, crime, deviance, racism, sexism, homophobia, as well as the analysis of social change, e.g. through policy, social movements, cultural phenomena, technological innovations, or new ideas and values.

A Bachelor's degree in Sociology prepares students to pursue graduate study in sociology and in other related areas such as business law, public policy, urban planning, and social work. It also develops valuable skills in data analysis, social trend research, program evaluation and organizational management that are highly marketable for entry positions and occupational advancement in business, government agencies, and non-profit organizations. Sociology graduates enter a wide range of fields, from teaching to advocacy.

Course Rotation Schedule

Core Requirements:

<u>Even Fall</u>	<u>Odd Fall</u>	<u>Even Spring</u>	<u>Odd Spring</u>	<u>Occasional</u>
SOCI 111	SOCI 111	SOCI 111	SOCI 111	
BIOL/PSYC/ SOCI 324	BIOL/PSYC/ SOCI 324	BIOL/PSYC/ SOCI 324	BIOL/PSYC/ SOCI 324	
PSYC/ SOCI 325	PSYC/ SOCI 325	PSYC/ SOCI 325	PSYC/ SOCI 325	
SOCI 495	SOCI 460 SOCI 495	SOCI 470 SOCI 495	SOCI 495	

Electives:

<u>Even Fall</u>	<u>Odd Fall</u>	<u>Even Spring</u>	<u>Odd Spring</u>	<u>Occasional</u>
SOCI 230	SOCI 214	PSYC/ SOCI 360	AMST/ SOCI 375	SOCI 350
SOCI/ ANTH 270	SOCI/ ANTH 270	SOCI 112	PSYC/ SOCI 360	
SOCI/ WMST 310	SOCI/ WMST 310	SOCI/ WMST 210	SOCI 112	
SOCI 321	SOCI 321	SOCI 216	SOCI/ WMST 210	
SOCI 380	SOCI 321	SOCI 218	WMST 210	
SOCI/ PSYC 385	SOCI/ WMST 336	SOCI/ ANTH 270	SOCI 218	
SOCI 421	SOCI/ WMST 341	SOCI/ ANTH/ PSYC 327	SOCI/ ANTH/ PSYC 327	
	SOCI 380	SOCI 331	SOCI 331	
	SOCI/ PSYC 385	SOCI/ HUMS 365	SOCI/ HUMS 365	
	SOCI 421	SOCI/ WMST 375	SOCI/ AMST 375	
	SOCI/ WMS 485			

BACHELOR OF ARTS IN SOCIOLOGY

A. General Education Requirements 38-41 sem. hrs

Ethics Course Requirement 3 hrs
PHIL 330 Ethics

B. Foreign Language Requirement 6 sem. hrs

C. Multicultural Requirement 3 sem. hrs

Courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk.

D. Core Requirements: 18 sem. hrs

(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

* SOCI 111	General Sociology	3 hrs
SOCI/PSYC/BIOL 324	Statistics for the Behavioral and Natural Sciences	3 hrs
SOCI/PSYC 325	Quantitative Research Methods	3 hrs
SOCI 460	Classical Social Theory	3 hrs
SOCI 470	Contemporary Social Theory	3 hrs
SOCI 495	Integrative Seminar	3 hrs

E. Sociology Electives 24 sem. hrs

1. At least 18 hours chosen from below:

SOCI/WMST 210	The Sociology of Gender	3 hrs
SOCI 214	Family	3 hrs
SOCI 216	American Social Problems	3 hrs
SOCI 218	Social Deviance	3 hrs
* SOCI/ANTH 270	Minority Cultures and Relations	3 hrs
SOCI/WMST/ANTH 310	Women and Society	3 hrs
SOCI 312	Organizations and Institutions	3 hrs
SOCI 321	Criminology	3 hrs
SOCI/ANTH/PSYC 327	Qualitative Research Methods	3 hrs
* SOCI/ANTH/WMST 336	Global Perspectives on Women and Development	3 hrs
SOCI 341	Sociology of Religion	3 hrs
SOCI/PSYC 360	Social Psychology	3 hrs
SOCI/AMST 375	Social Movements	3 hrs
SOCI 380	Sociology of Culture & Mass Media	3 hrs
SOCI 421	Class, Status and Power	3 hrs

2. Six additional hours in sociology chosen by students with the approval of the sociology advisor. Three hours must be upper-level.

F. Electives 28-31 sem. hrs
120 sem. hrs

G. As the Culminating Evaluative Experience, all students must complete SOCI 495 Integrative Seminar with a grade of C or higher.

A maximum of 25 semester hours of sociology requirements may be met in transfer.

SPEECH COMMUNICATION

Department: Humanities
Chairpersons: Mark Price, Ph.D.
Full-Time Faculty: Amy Darnell, Ph.D.
 Lisa Ford-Brown, Ph.D.
Degree: Bachelor of Arts in Speech Communication
Minor: Film Studies
 Speech Communication

Culminating Experience Course:

COMM 495 Speech Communication Integrative Seminar

As one of the most studied subjects in western civilization, the Bachelor of Arts in Speech Communication provides students with a culturally vital and significant education. The study of oral, as well as written communication, is at the heart of all academic fields. This particular major offers the opportunity to explore how individuals create, maintain, and alter their identity in artistic and everyday endeavors.

The Speech Communication major combines well with other majors such as English, art, pre-law, sociology and psychology, by addressing students' artistic vision and critical thinking and writing skills.

The Speech Communication major locates its synergy in Aristotle's major works "The Rhetoric" and "The Poetics", as well as contemporary methods of communicating. For these reasons, students will choose between emphases in Communication Studies, Performance Studies, and/or Media Studies enhanced by interdisciplinary study in related fields.

Course Rotation Schedule

Core Requirements:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
COMM 230	COMM 230	COMM 323	COMM 495	COMM 303
COMM 344		COMM 495		
COMM 360				

Electives:

Even Fall	Odd Fall	Even Spring	Odd Spring	Occasional
COMM 203	COMM 203	COMM 203	COMM 203	COMM 214
COMM 313	COMM 399	COMM 399	COMM 399	COMM 220
COMM 399	COMM 499	COMM 499	COMM 499	COMM 224
COMM 499				COMM 320
				COMM 324
				COMM 334
				COMM 343
				COMM 380
				COMM 385
				COMM 393
				JOUR 301
				JOUR 302

BACHELOR OF ARTS IN SPEECH COMMUNICATION

A. General Education Requirements **38-41 sem. hrs**
Ethics Course Requirement **3 hrs**
 PHIL 330 Ethics
B. Foreign Language Requirement **6 sem. hrs**

C. Multicultural Requirement 3 sem. hrs

Courses that meet this requirement can be found on pages 32-33. Courses from this list are noted in the major requirements below with an asterisk.

D. Core Requirements 18 sem. hrs

(All courses must be completed with a grade of C or higher. Courses in the major cannot be taken as Pass/Fail.)

COMM 230 Introduction to Communication Theory and Research 3 hrs

*COMM 303 Intercultural Communication 3 hrs

COMM 323 Advanced Public Speaking and Persuasion 3 hrs

COMM 344 Visual Communication and Culture 3 hrs

COMM 360 Oral Interpretation of Literature 3 hrs

COMM 495 Speech Communication Integrative Seminar 3 hrs

E. Track Related Electives 15 sem. hrs

Students will select 9 hours from one track and 3 hours from each of the others for a total of 15 hours. (Courses offered in more than one track or those that can be taken more than once can only count once under Track Related Electives.)

Track A: Communication Studies

COMM 203 Understanding Human Communication 3 hrs

COMM 214 Mass Media and Society 3 hrs

COMM 233/433 Topics 3 hrs

COMM 313 Interpersonal and Small Group Communication 3 hrs

COMM 343 Gender Communication 3 hrs

COMM 393 Organizational Communication 3 hrs

COMM 399/499 Communication Internship 3 hrs

Track B: Performance Studies

COMM 220 Introduction to Theatre 3 hrs

*COMM 224 Film History and Analysis 3 hrs

COMM 233/433 Topics 3 hrs

COMM 320 Advanced Theatre 3 hrs

COMM 380 Performance Studies 3 hrs

COMM 385 Performance Styles and Genres 3 hrs

COMM 399/499 Communication Internship 3 hrs

COMM 420 Advanced Acting and Production Techniques 1-3 hrs

Track C: Media Studies

COMM 214 Mass Media and Society 3 hrs

*COMM 224 Film History and Analysis 3 hrs

COMM 233/433 Topics 3 hrs

COMM 324 Film Styles and Genres 3 hrs

COMM 334 Political Economy of Film and Media 3 hrs

COMM 399/499 Communication Internship 3 hrs

JOUR 301 or 302 Newspaper Production 3 hrs

F. Related Interdisciplinary Electives 6 sem. hrs

Six 300- 400-level semester hours of electives chosen from the following areas of study: Art, English, Geography, History, Management, Marketing, Music, Religious Studies, Political Science, Psychology, Philosophy, Sociology and Women's Studies.

G. Electives 31-34 sem. hrs

120 sem. hrs
PRE-PROFESSIONAL PROGRAMS**HEALTH-RELATED PROGRAMS**

Students interested in preparing for health-related programs such as medicine, dentistry, physical therapy and pharmacology typically enroll in a biology or chemistry degree program. The coursework in these degrees provides both the science and liberal arts foundation required by most professional schools. However, health-related programs typically have additional requirements in the sciences and mathematics. Students are strongly advised to research the specific requirements of schools they are interested in attending and to work with the pre-professional advisors at those schools to ensure that their coursework meets the entry requirements of the program.

PRE-ENGINEERING

The Computer and Mathematical Sciences Department offers advising to students who plan to transfer to an engineering program after one or two years of study at Columbia College. Typically, pre-engineering students should enroll in mathematics, science, and computer science courses appropriate to their chosen area of engineering, and liberal arts courses that will meet general education requirements at the transfer institution. Additionally, students should consider taking introductory engineer-

ing courses through the cooperative cross-enrollment program with the University of Missouri in order to minimize time to graduation.

PRE-LAW

The liberal arts component of the general education requirements at Columbia College provides an excellent foundation for student success in law school. Students from all majors may have an excellent chance of going on to law school. Recently criminal justice, English, history and political science have all been popular majors for students pursuing a law degree. Whatever major they choose pre-law students should take classes that enhance written and oral communication, research and critical thinking skills.

The University of Missouri-Columbia, School of Law offers a combined undergraduate and law program also known as the 90-hour program. The combined curriculum enables students to obtain the bachelor of arts/science and juris doctor degrees in six years.

The undergraduate degree is a requirement for the juris doctor degree. Students entering under the combined degree program must make arrangements with their undergraduate schools to complete all requirements for their undergraduate degree. In addition, students must have a letter sent from the Dean of their undergraduate institution to the University of Missouri-Columbia School of Law, indicating that their law school coursework will earn the remaining hours of undergraduate credit, and that a B.A. or B.S. will be awarded before or at the time of graduation from law school.

To obtain more information about the program contact University of Missouri-Columbia School of Law, 103 Hulston Hall, phone: 573-882-6042.

MILITARY SCIENCE, NAVAL SCIENCE, AND AEROSPACE STUDIES ROTC: RESERVE OFFICER TRAINING CORPS

The Reserve Officer Training Corps (ROTC) is designed to provide men and women the opportunity to become officers in the armed forces of the United States while pursuing their college degrees in a variety of fields. ROTC scholarships are available to qualified persons to help defray the costs of a college education. Students who receive ROTC scholarships incur an obligation to serve after grad-

uation in the branch of military service that provided the scholarship. (No obligation is incurred until the last two years; freshmen and non-scholarship sophomores may participate in ROTC without obligation.)

Columbia College students may enroll in these courses, all of which are offered on the campus of the University of Missouri-Columbia. Columbia College students earn Columbia College credit for these courses. Each branch of the armed services offers its own set of courses. The U.S. Army courses are found in this catalog in the listing of course descriptions under Military Science (MSCI) and the U.S. Air Force courses are found under Aerospace Studies (ASCI), and the U.S. Navy's are under Naval Science (NSCI).

Columbia College students may earn a minor in ROTC by completing eighteen semester hours of courses with a field code of ASCI or NSCI or MSCI.

Courses are scheduled and taught by personnel in the three respective departments of the University of Missouri-Columbia. For more information, contact Military Science (Army ROTC) at 573-882-7721, Naval Science (Navy ROTC) at 573-882-6693, or Aerospace Studies (Air Force ROTC) at 573-882-7621.

ASSOCIATE DEGREES

ASSOCIATE DEGREE REQUIREMENTS

To be recommended by the faculty and approved by the Board of Trustees for graduation with an associate degree, students must have been officially admitted to the College and must:

1. complete a minimum of 60 semester hours;
2. complete the appropriate number of General Education courses determined by individual degree requirements;
3. complete ENGL 111 English Composition I;
4. complete all major requirements;
5. attain a minimum cumulative grade-point average of 2.0;
6. fulfill the residency requirement of at least 15 of the last 24 semester hours taken with Columbia College;
7. satisfy all financial obligations; and
8. complete a Declaration of Candidacy Degree form via eservices approximately one year before expected date of graduation.
9. Grade of C or higher is required for all Basic Studies General Education Coursework.

ASSOCIATE IN ARTS

A. ENGL 111 English Composition	3 sem. hrs
B. General Education Requirements	38-41 sem. hrs
C. Electives	16-19 sem. hrs
TOTAL	60 sem. hrs

ASSOCIATE IN SCIENCE IN BUSINESS ADMINISTRATION

The Associate in Science in Business Administration is a general business degree that provides for the student a fundamental understanding of basic business practices.

A. ENGL 111 English Composition I	3 sem. hrs
B. General Education Requirements	21 sem. hrs
Basic Studies	<u>6 hrs</u>
ENGL 112 English Composition II	3 hrs
CISS 170 Introduction to Computer Information Systems or	3 hrs
CISS 176 Introduction to Computer Science	
Arts, Humanities and History; Natural Sciences and Mathematics; and Social	

and Behavioral Sciences (credits distributed to include each of the three areas) 15 hrs

- ECON 293 Macroeconomics
and ECON 294 Microeconomics recommended.
 MATH 150 College Algebra
or MATH 170 Finite Mathematics required.

C. Major Area Requirements **24 sem. hrs** (Courses in the major cannot be taken as Pass/Fail.)

MGMT 150 Introduction to Business	3 hrs
ACCT 280 Accounting I (Financial)	3 hrs
ACCT 281 Accounting II (Managerial)	3 hrs
FINC 350 Business Finance	3 hrs
MKTG 310 Principles of Marketing	3 hrs
MGMT 330 Principles of Management	3 hrs

Choose at least two courses from the following:

- ECON 294 Microeconomics
- MGMT 254 Business Communication
- MGMT 265 Business Law I
- MGMT 361 Human Resource Mgmt.

D. Major Area Electives **12 sem. hrs**

Choose four courses from at least two of the following areas:

- Accounting
- Computer Information Systems
- Economics
- Finance
- Management
- Marketing

60 sem. hrs

ASSOCIATE IN SCIENCE IN COMPUTER INFORMATION SYSTEMS

The Associate in Science in Computer Information Systems degree provides an intense exposure to computer programming and the functional applications of computers in the business world.

A. ENGL 111 English Composition I	3 hrs
B. General Education Requirements	21 sem. hrs
Basic Studies	<u>6 hrs</u>
ENGL 112 English Composition II	3 hrs
CISS 170 Introduction to Computer Information Systems or	3 hrs
CISS 176 Introduction to Computer Science	
Arts, Humanities and History; Natural Sciences and Mathematics; and Social and Behavioral	

Sciences (credits distributed to include each of the three areas). History or Literature strongly recommended. 15 hrs

MATH 150 College Algebra

or MATH 170 Finite Mathematics required.

PSYC 101 General Psychology

and SOCI 111 General Sociology

or ECON 293 Macroeconomics

and ECON 294 Microeconomics strongly recommended.

C. Major Area Requirements 26 sem. hrs

(Courses in the major cannot be taken as Pass/Fail.)

CISS 240 Introduction to Programming 4 hrs

CISS 245 Advanced Programming 4 hrs

CISS 285 Structured Systems Analysis & Design 3 hrs

CISS 325 Systems Analysis, Design and Implementation Projects 3 hrs

CISS 350 Advanced Algorithms and Data Structures 3 hrs

CISS 360 Computer Systems and Assembly Language 3 hrs

Choose two of the following: 6 hrs

CISS 234 Visual Basic

CISS 236 COBOL Programming

CISS 238 Java Programming

CISS 355 Directed Study

CISS 370 Operating Systems

CISS 380 Computer Graphics

CISS 430 Database Systems

CISS 445 Programming Languages

D. Related Area Requirements 9 sem. hrs

ACCT 280 Accounting I 3 hrs

ACCT 281 Accounting II 3 hrs

Choose one of the following: 3 hrs

MGMT152 Business Mathematics

MATH 170 Finite Mathematics

MATH 250 Statistics I

E. Open Elective: 1 sem. hr

60 sem. hrs

ASSOCIATE IN SCIENCE IN CRIMINAL JUSTICE ADMINISTRATION

The Associate in Science in Criminal Justice Administration is a comprehensive two-year program

designed to allow specialization within the field while integrating the interdisciplinary perspectives of sociology and psychology.

A. General Education Requirements 21 sem. hrs

Basic Studies 6 hrs

ENGL 112 English Composition II 3 hrs

CISS 170 Introduction to Computer Information Systems **or** 3 hrs

CISS 176 Introduction to Computer Science

Arts, Humanities and History; Natural Sciences and Mathematics; and Social and Behavioral Sciences (credits distributed to include each of the three areas) 15 hrs

PSYC 101 General Psychology

and SOCI 111 General Sociology recommended.

B. ENGL 111 English Composition I 3 hrs

C. Major Area Requirements 24 sem. hrs

(Courses in the major cannot be taken as Pass/Fail.)

CJAD 101 Introduction to Criminal Justice Administration 3 hrs

CJAD 311 Police in a Democratic Society 3 hrs

CJAD 345 Ethics & Morality in Criminal Justice 3 hrs

CJAD 350 Corrections and Penology 3 hrs

POSC 340 Judicial Process 3 hrs

Choose at least three of the following:

CJAD 301 Criminal Law 3 hrs

CJAD 405 Laws of Criminal Evidence 3 hrs

CJAD 410 Drug Abuse and Crime Control 3 hrs

CJAD 415 Criminal Procedures 3 hrs

CJAD 451 Management of Criminal Justice Agencies 3 hrs

SOCI 331 Juvenile Delinquency 3 hrs

D. Major Area Electives 9 sem. hrs

Six semester hours must be criminal justice electives. The remaining 3 hours must be from one of the following: criminal justice, sociology, political science or psychology.

E. Open Elective 3 sem. hrs

60 sem. hrs

ASSOCIATE IN GENERAL STUDIES

This degree is developed by the student and advisor. Course work may be from the liberal arts and sciences or from any preprofessional discipline. The following requirements must be met:

A. General Education Requirements	21 sem. hrs
ENGL 112 English Composition II	3 hrs
CISS 170 Introduction to Computer Information Systems or	3 hrs
CISS 176 Introduction to Computer Science	
Art, Humanities and History; Natural Sciences and Mathematics; and Social Behavioral Sciences (credits distributed to include each of the three areas.)	<u>15 hrs</u>
B. ENGL 111 English Composition I	3 hrs
C. Electives	36 sem. hrs
	60 sem. hrs

ASSOCIATE IN SCIENCE IN HUMAN SERVICES

The Associate in Science in Human Services is designed to assist students in developing empirically based knowledge and practice skills fundamental for responsible and effective application within the Human Service field.

A. ENGL 111 English Composition I	3 hrs
B. General Education Requirements	21 sem. hrs
Basic Studies:	
ENGL 112 English Composition II	3 hrs
CISS 170 Introduction to Computer Information Systems or	3 hrs
CISS 176 Introduction to Computer Science	
Art, Humanities and History; Natural Sciences and Mathematics; and Social Behavioral Sciences (credits distributed to include each of the three areas.)	<u>15 hrs</u>
C. Major Area Requirements	15 sem. hrs
(Courses in the major cannot be taken as Pass/Fail.)	
HUMS 105 Introduction to Human Services	3 hrs
HUMS 250 Working with Individuals	3 hrs
HUMS 335 Working with Groups	3 hrs
HUMS 340 Working with Families	3 hrs

Three hours from one of the following:

HUMS 300 Exploring Research	3 hrs
HUMS 345 Working with Communities and Organizations	3 hrs
HUMS 365/SOCI 365 American Social Policy	3 hrs
SOCI/ANTH 270 Minority Cultures and Relations	3 hrs

D. Human Services Elective	3 sem. hrs
E. Electives	18 sem. hrs
	60 sem. hrs

ASSOCIATE IN SCIENCE IN NURSING

The Associate in Science in Nursing Program is offered at two sites – at the Home Campus in Columbia, Missouri and at the Lake Ozark Campus. The program is open to individuals who have no prior nursing education and to individuals who hold a Licensed Practical Nursing license.

The program is approved by the Missouri State Board of Nursing.

The program is designed to prepare the graduate for a nurse generalist role. Graduates are awarded an Associate in Science in Nursing degree and are eligible to apply for the Registered Nursing Licensure Examination. *

The curriculum consists of general education, mathematics and science courses and specific nursing courses. Students are required to complete all of the general education, mathematics and science courses before entering the Nursing Course Sequence.

Columbia College systematically reviews the curriculum to ensure that students are prepared for a position in the nursing field. As a result the prerequisite requirements noted in the Undergraduate Catalog are periodically updated to reflect coursework that best supports degree completion. Although not required, students are highly encouraged to transfer to the most recent catalog year in order to complete the prerequisite courses that have been identified as best aiding in the successful completion of the Nursing Course Sequence.

Admission to the nursing program is on a selective basis. Selection will be made each July and each December. The application deadline is the end of June for students who plan to start the nursing sequence courses in October. The application deadline is the end of November for students who plan to start the nursing sequence courses in March. LPN students begin the nursing sequence courses based

on the fundamental standard exam. The maximum number for the Home Campus-Columbia is 40 students. The maximum number for the Lake Campus is 32 students. The class consists of non-LPNs and LPNs.

All candidates for the nursing program are expected to meet general admission requirements to the College. Acceptance to Columbia College does not guarantee acceptance to the Nursing Course Sequence. Selection criteria for the Nursing Course Sequence:

1. Completion of the Nursing prerequisite courses, NURS 209 Introduction to Nursing or at least one year of documented clinical experience in a health care setting. An admission committee of nurse faculty will determine the adequacy of health care experience and will require the student to successfully complete a clinical skills test. There is a \$50 fee for this test.
2. Completion of the general education, mathematics and science courses. Students may elect to complete NURS 209, one or more of their remaining general education, mathematics, or science courses in the eight week session between the time of submission of the nursing application and the start of the nursing classes. Students are limited to a maximum of six semester hours of coursework during an eight-week session. Students registering for more than six hours will be required to have overload approval.
3. Minimum of an overall GPA of 2.75 for the general education, mathematics, science courses, NURS 209 and be in good academic standing within Columbia College. A minimum grade of "C" is required for all prerequisite courses.
4. Possess the necessary functional abilities to provide safe and effective patient care. **
5. LPN students must submit a copy of LPN license (current and undisciplined) for the state of Missouri.
6. A criminal background check is required at the time of submission of the nursing application. Forms and directions for completion are available as part of the nursing application.
7. Selection of nursing students will be based on the GPA of the Nursing Program prerequisite courses and the TEAS score.

8. Additional requirements for those selected for the Nursing Program:

- Urine drug test
- Physical forms, including documentation of immunizations/titers
- Current CPR certification by the American Heart Association, Health Care Providers course.

* Successful completion of the program does not guarantee eligibility to take the licensure examination. According to the Nursing Practice Act, licensure may be withheld or revoked. More information is available on the Nursing Program Website and in the Nursing Program Information document.

**Functional abilities to meet the role of the nurse include: behavioral/emotional abilities, cognitive abilities, communication abilities, professional conduct, psychomotor skills, and sensory/perceptual abilities.

These Functional Abilities are described in the Nursing Student Handbook.

A. Required Courses 41 sem. hrs

(Courses in the major cannot be taken as Pass/Fail.)

BIOL 110	Principles of Biology I	3 hrs
BIOL 110L	Principles of Biology I Laboratory	2 hrs
BIOL 221	Clinical Microbiology and	3 hrs
BIOL 221L	Clinical Microbiology Laboratory or	2 hrs
BIOL 312	Microbiology and	3 hrs
BIOL 312L	Microbiology Laboratory	2 hrs
BIOL 223	Anatomy	3 hrs
BIOL 223L	Anatomy Laboratory	2 hrs
BIOL 326	Physiology	3 hrs
BIOL 326L	Physiology Laboratory	2 hrs
CHEM 109	Chemistry for Biological and Health-Related Sciences or	3 hrs
	CHEM 110 Chemistry I and	
CHEM 112	Chemistry II	
ENGL 111	English Composition I	3 hrs
ENGL 112	English Composition II	3 hrs
MATH 106	Intermediate Algebra or higher General Education Mathematics course.	3 hrs
NURS 209	Introduction to Nursing	6 hrs
PSYC 101	General Psychology	3 hrs

B. Nursing Sequence Courses 36 sem. hrs
(All courses must be completed with a grade of C or higher.)

NURS 210	Fundamentals of Nursing*	6 hrs
NURS 211	Mental Health Nursing	3 hrs
NURS 212	Pharmacology for Nursing	3 hrs
NURS 213	Foundations of Professional Nursing	6 hrs
NURS 214	Medical Surgical Nursing I	6 hrs
NURS 215	Medical Surgical Nursing II	6 hrs
NURS 216	Women's and Infant's Health	6 hrs

* Licensed Practical Nurses (LPN's) are not required to take NURS 210 Fundamentals of Nursing if they are able to pass the Fundamentals Placement Exam with a minimum satisfactory/acceptable performance, as determined by test psychometrics, and successfully complete a clinical skills assessment conducted by nurse faculty. The Fundamentals Exam and clinical skills assessment are arranged through the Nursing Department Office. The exam costs \$50.

NURS 209 is a prerequisite for NURS 210. NURS 209 may be waived if students have at least one year of documented clinical experience in a health care setting. See #1 on page 74 for more information.

77 sem. hrs

ASSOCIATE IN SCIENCE IN PRE-ENGINEERING

The Associate in Science in Pre-Engineering is designed for students who plan to transfer into an engineering bachelor's degree program after completing their general education and preliminary math and science courses at Columbia College. It is extremely important for students to work with an advisor to select elective coursework appropriate to the type of engineering they plan to study and to the institution that they plan to transfer to.

A. ENGL 111 English Composition I 3 hrs

B. General Education Requirements 24-26 Sem. Hrs

ENGL 112	English Composition II	3 hrs
COMM 110	Introduction to Speech	3 hrs
CISS 170	Introduction to Computer Information Systems or	3 hrs
CISS 176	Intro to Computer Science	
MATH 201	Calculus & Analytical Geometry I or	5 hrs
MATH 215	Differential Calculus	
HIST 121	American History to 1877 or	3 hrs
HIST 122	American History since 1877 or	
HIST 102	Western Civilization II or	
POSC 111	American National Government	

ECON 293	Macroeconomics or	3 hrs
ECON 294	Microeconomics	
Arts, Humanities, History, Social and Behavioral Sciences		6 hrs

Two additional courses are chosen by the student in consultation with an advisor.

C. Major Area Requirements 26-27 sem. hrs

MATH 222	Calculus and Analytical Geometry II or	5 hrs
MATH 226	Integral Calculus I and	3 hrs
MATH 235	Integral Calculus II	3 hrs
MATH 300	Multivariate Calculus	3 hrs
MATH 370	Differential Equations	3 hrs
PHYS 211	Calculus-Based Physics I	5 hrs
PHYS 212	Calculus-Based Physics II	5 hrs
CHEM 110	Chemistry I	3 hrs
CHEM 111L	Introductory Chemistry Laboratory Experience	2 hrs

D. Major Area Electives 3-5 hrs

At least one additional course should be selected, in consultation with an advisor, from the following list. Science lecture course must be taken in combination with lab component.

BIOL 110	Principles of Biology I and	3 hrs
BIOL 110 L	Principles of Biology I Laboratory	2 hrs
CHEM 112	Chemistry II and	3 hrs
CHEM 112L	Chemistry II Laboratory	2 hrs
CISS 238	Java Programming	3 hrs
CISS 240	Introduction to Programming	4 hrs
CISS 241	Programming I	3 hrs
GEOL 110	Introduction to Physical Geology and	3 hrs
GEOL 110L	Introduction to Physical Geology Laboratory	2 hrs
ENGL 204	Technical Writing	3 hrs
MATH 303	Linear Algebra	3 hrs
MATH 338	Mathematical Statistics and Probability	3 hrs

E. Electives 0-4 hrs

60 sem. hrs.

ACADEMIC HONORS

HONORS PROGRAM

Mission

The Honors Program is designed for high achieving students who are philosophers in the literal sense, i.e., lovers of wisdom. Honors students approach the liberal arts and sciences with excitement; they do not continually look for the “cash value” of their education. The goal of the program is to promote genuine inquiry and collaborative learning, emphasizing the dialogic nature of academic work and intellectual discovery. Students who lack the appropriate intellectual curiosity should not take honors courses.

Description

Through multidisciplinary and collaborative coursework, honors students respond to the significant challenges confronting the next generation of scholars. The honors courses both within the General Education curriculum and beyond it are consistent with the students’ academic abilities, preparation and goals. The courses resonate with any academic major or minor and provide opportunities for students to discover their intellectual curiosities, to engage in community service, to develop critical thinking skills, and to excel in oral and written expression.

Although faculty may propose to teach a special topics course or to designate a General Education course, favorable consideration is given to courses that cohere to one or more of the following descriptions: multidisciplinary, collaborative teaching, travel/co-curricular activities, and reading and writing intensive. Classes range in size from 5 to 20 students. Under the direction of a faculty mentor, honors students are encouraged to complete an Honors Distinction project during their final year.

Students admitted to the Honors Program are eligible to take traditional courses with an honors option that allows students to become independent researchers to challenge themselves academically. The honors option allows students to design their own research and/or creative project under the direction of a faculty mentor. Students and mentors will complete a contract that outlines the activities students must complete to earn honors option credit.

Participation

To graduate with honors, a student completes at least 16 academic hours in the Honors Program. A one semester hour community service project for Honors 310 must be completed prior to graduation. Students may enroll in three to six hours of honors credits designated for General Education and may be eligible to enroll in a maximum of 3 hours of

honors credits for an Honors Distinction project. An honors student may apply no more than six hours of honors credits transferred from accredited institutions toward the completion of the Honors Program.

No honors courses may be taken with the pass/fail option. A minimum 3.25 GPA overall and a 3.0 GPA in honors courses is required to remain qualified for graduation from the Honors Program. Graduation from the Honors Program is recognized during the graduation ceremony and indicated on the final transcript.

Admission

Eligible students must demonstrate academic achievement with at least two of the following minimum standards:

- 1) 3.6 high school GPA;
- 2) 26 ACT or 1200 SAT or 2800 GED;
- 3) 3.6 Columbia College GPA;
- 4) Thirty transferrable semester hours with a 3.6 GPA.

Eligible students gain entry into the Honors Program after review of the honors program application and review by the Honors Council and Honors Program Chair. Home-schooled or other non-traditional schooled students are eligible for admission to the Honors Program upon presentation of appropriate ACT, SAT or GED score and demonstration of scholarship in high school level academic coursework. Any student may petition for admission to the Honors Program if he or she has completed a minimum of 30 hours of academic credit at Columbia College with a cumulative grade point average of 3.6. Transfer students with prior college experience must have 30 semester hours of credit with a minimum GPA of 3.6 or higher on a 4.0 scale to apply for admission to the Honors Program. International students who qualify are eligible for the Honors Program.

Required Coursework:

Honors General Education	3-6 hrs
HNRS 310 Honors Service	1 hr
HNRS 340 Schiffman Ethics in Society Lecture	3-9 hrs
HNRS 350 Honors Topics	<u>3-9 hrs</u>
Total	16 hrs

RECOGNITION OF ACADEMIC ACHIEVEMENT

Dean's List

The Dean's List is an honor accorded to students who achieve academic distinction. Students may be named to the Dean's List if:

- 1) they complete at least 12 semester hours of Columbia College credit in a given

- semester with a GPA of 3.5 or higher; **or**
- 2) they complete a minimum of 6 semester hours during each of two consecutive eight-week sessions with a GPA of 3.5 or higher.

A grade of Incomplete eliminates a student from Dean's List consideration. A grade given to replace an Incomplete cannot be applied to Dean's List requirements. ESOL 100, 101, 102, 103, 104, 105; ENGL 107; ENGL 107N; MATH 104 and MATH 106 do not apply when determining Dean's List eligibility.

Courses taken by students as pass/fail or satisfactory/unsatisfactory are not included in the minimum requirement of at least 12 semester hours (Day) or six semester hours in two consecutive terms (Evening, Online, AHE).

Honors and Awards Convocation

In the Spring of each year, an Honors and Awards Convocation is held, a special occasion recognizing those students who have made exceptional contributions to Columbia College through outstanding scholarship and/or leadership. Students who have completed at least 15 semester hours at Columbia College with a cumulative GPA of 3.0 or higher are eligible for these awards. Recipients of these awards are generally chosen from this pool. The aid awarded is distributed the following academic year and is divided into two equal segments. The aid is distributed August-May unless the awardee is completing their degree mid-year. In this case, the aid is distributed in one semester (or the remaining sessions). A student must complete a Declaration of Candidacy for Degree form to receive this consideration. The form must support the student's contention of an early (mid-year) degree completion. The student must submit the results of the declaration to Financial Aid with a request to reduce the number of sessions for the award prior to the date of graduation.

Graduation Honors

Columbia College confers baccalaureate degrees with the following Latin honors designations:

GPA	Designation
3.9 and above	<i>summa cum laude</i>
3.75 to 3.89	<i>magna cum laude</i>
3.5 to 3.74	<i>cum laude</i>

To receive a degree with these honors, students must have completed 60 hours of credit at Columbia College.

Students seeking a second baccalaureate degree and received an Honors designation on a prior degree must complete an additional 60 hours in residency and earn the requisite GPA in order to be granted a second Honors designation.

Dean's Academic Achievement Award

Students who graduate with at least 39 but fewer than 60 Columbia College hours and earn at least a 3.5 cumulative G.P.A. may be eligible for the Dean's Academic Achievement Award upon graduation. Students must meet the following criteria:

1. Hold an Associate in Arts or Associate in Science from a community college with an articulation agreement with Columbia College.
2. Complete a bachelors degree at the AHE site of articulation.
3. Earn a cumulative G.P.A. of 3.5 or higher.
4. Complete 39 hours in residency with Columbia College.

Students seeking a second baccalaureate degree and to whom a Dean's Academic Achievement Award was granted with a prior degree must complete an additional 39 hours in residency with at least a 3.5 cumulative G.P.A. to be granted a second Dean's Academic Achievement Award.

Students eligible for Latin Honors are ineligible for the Dean's Academic Achievement Award.

Baccalaureate Degrees with Distinction

The Bachelor's Degree with Distinction is available for any degree program offered by Columbia College and requires a demonstration of excellence in a special two-semester project (excluding summer session) in addition to satisfying degree requirements.

Distinction work is done under the direct supervision of a faculty member qualified in the field of the project. At all major stages of the project (formal prospectus, complete draft or evidence of significant and substantive progress, and final project), work must be submitted by designated deadlines to the Chair of the Academic Honors and Awards Committee for approval or direction. Credits and grades for distinction work are optional.

To be eligible, a student must be currently enrolled and must have second-semester junior standing (75 semester hours, with at least 15 semester hours at Columbia College) and a 3.5 cumulative GPA. Eligibility is based on the assumption that a student may be eligible after five semesters. Entry into the program must be at a date that permits two semesters of work on the project.

High Achievement On Senior Test

The Major Field Test is taken by thousands of college seniors at hundreds of schools. It tests achievement in the senior's baccalaureate degree program.

Columbia College offers the Major Field Test in biology, business administration (undergraduate and graduate), chemistry, computer information

systems, computer science, English, mathematics, political science, psychology and sociology.

Graduates who score in the top ten percentile nationally in their academic area are presented with a navy and silver cord at the graduation ceremony.

The President's Honorarium for Academic Excellence (Overload Fee Waiver)

Columbia College day students who have earned 30 institutional semester hours may take an overload to a total of 21 semester hours without additional cost if their cumulative grade-point average is at least 3.75.

SPECIAL ACADEMIC PROGRAMS

ARTICULATION AGREEMENTS

Columbia College has an articulation agreement with the following colleges:

- Allan Hancock College (CA)
 - Associate in Arts
 - Associate in Science
- Brevard Community College (FL)
 - Associate in Arts
- Central Christian College of the Bible (MO)
 - Associate in Arts
 - Associate of General Studies
 - Associate in Science
- Central Texas College (TX)
 - Associate in Arts
 - Associate in Science
 - Associate of General Studies
 - Associate in Applied Science
- Coastline Community College (CA)
 - Associate in Arts
- College of Lake County (IL)
 - Associate in Arts
 - Associate in Science
- Community College of Aurora (CO)
 - Associate in Arts
 - Associate in Science
- Cottey College (MO)
 - Associate in Arts
 - Associate in Science
- Cuesta College, San Luis Obispo Campus (CA)
 - Associate in Arts
 - Associate in Science
- East Central College (MO)
 - Associate in Arts
 - Associate in Science
 - Associate in Applied Science
- Elgin Community College (IL)
 - Associate in Arts
 - Associate in Science
 - Associate in Applied Science in Criminal Justice
 - Associate in Science in Paralegal
- Florida Community College at Jacksonville (FL)
 - Associate in Arts
- Front Range Community College (CO)
 - Associate in Arts
 - Associate in Science
- Grossmont College (CA)
 - Associate in Arts
 - Associate in Science
- Highland Community College (IL)
 - Associate in Arts
 - Associate in Science
- Ivy Bridge College of Tiffin University (OH)
 - Associate in Arts
- Jefferson Community College (NY)
 - Associate in Arts
 - Associate in Applied Science
 - Associate in Science
- Johnson County Community College (MO)
 - Associate of Arts
- Kongju National University (Korea)
- McHenry Community College (IL)
 - Associate in Arts
 - Associate in Science
 - Associate of Fine Arts
- The Metropolitan Community College (MO)
 - Associate in Arts
 - Associate in Science
- Moberly Area Community College (MO)
 - Associate in Arts
 - Elementary Education
- Ozarks Technical College (MO)
 - Associate in Arts
- Rock Valley College (IL)
 - Associate in Arts
 - Associate in Science
 - Associate in Engineering Science
- Rockford Business College (IL)
 - Associate in Applied Science
- Salt Lake Community College (UT)
 - Associate in Arts
 - Associate in Science
- Seminole Community College (FL)
 - Associate of Arts
 - Associate of Science
- St. Charles Community College (MO)
 - Associate in Arts
 - Associate in Science
- Valencia Community College (FL)
 - Associate in Arts
 - Associate in Science
- Waubonsee Community College (IL)
 - Associate in Arts
 - Associate in Science
 - Associate in Engineering Science

- Wentworth Military Academy and College (MO)
Associate in Arts
- West Hills Community College (CA)
Associate in Arts
Associate in Science

COOPERATIVE CROSS-ENROLLMENT PROGRAMS WITH THE UNIVERSITY OF MISSOURI-COLUMBIA AND STEPHENS COLLEGE

Columbia College participates with the University of Missouri-Columbia and Stephens College in a cooperative cross-enrollment program. The intent of the program is to facilitate students' educational needs when a desired course or its equivalent is not available at the home institution during the semester of enrollment. Students must meet the course prerequisites prescribed and all coursework must be for academic credit.

Enrollment is on a space-available basis on the first day of classes during the Fall and Spring/Winter semesters on the Columbia, Missouri campuses of the respective institutions. Each institution reserves the right to close courses in certain programs to cross enrollment and to prohibit its students from enrolling in courses in designated programs at the other institutions. Tuition will be paid at the student's home institution at the home institution rate. Each institution will waive the admission application fee.

To be eligible to enroll in the Cooperative Cross-Enrollment Program, Columbia College students must:

1. Be enrolled as full-time, degree-seeking undergraduate Day Program students (includes hours taken at both the home and host institution) during the semester of cross-enrollment.
2. Be in good academic standing. Students who are dismissed for low academic achievement from one Cooperative institution and subsequently accepted at another Cooperative institution may not cross-register at the institution of dismissal until they are eligible for readmission.
3. Receive the approval of the appropriate faculty advisor.
4. Receive the approval of the Registrar or Executive Vice President and Dean for Academic Affairs.

Students shall be subject to the rules, regulations, and standards of conduct of the institution offering the course during the time of actual attendance.

Students must be in good financial standing at the cooperating institution in order for a transcript showing course grades and credits earned to be sent to the parent institution.

No earlier than two weeks prior to classes starting:

- Columbia College students should email studentrecords@ccis.edu with their name, ID number, and what course(s) they wish to take at MU.
- The Registrar will check eligibility and email a fillable PDF to eligible students. The students will fill out the COOP paperwork and email it back to the Registrar for signature. The student may elect to pick up the signed form in RFS or the Registrar will scan it and send it back via email. On the first day of class, Friday before for MU, the student will take the signed form to Jesse Hall and register at MU.
- Once the student has registered at MU, the student should return the COOP form, along with their registration printout from MU or Stephens, to RFS to be enrolled in placeholder class(es) at Columbia College. The student may come to RFS during the designated COOP hours or email registration@ccis.edu for an appointment.

Students may also request library privileges at Ellis Library on the University of Missouri-Columbia campus, participate in University of Missouri-Columbia study abroad programs and may use Education Career Services at University of Missouri-Columbia.

ENGLISH AS A SECOND OR OTHER LANGUAGE PROGRAM

English as a Second or Other Language (ESOL) is designed to help students who are non-native speakers of English raise their language skills to a level of competence necessary to function and succeed in American colleges and universities. The one-year program also provides support for international students as they adapt to an unfamiliar cultural environment.

Students who enter Columbia College with a score below 500 (paper-based), 173 (computer-based), 61 (internet-based) on the Test of English as a Foreign Language (TOEFL) or other appropriate exam (see list on page 110), enter the ESOL program at one of two proficiency levels, Intermediate or Advanced. Placement is determined by the Compass English as a Second Language (ESL) placement test which is adminis-

tered to ESOL students at the beginning of each semester. TOEFL and other appropriate exams scores will also be considered.

In order to qualify for admission to the ESOL Program, applicants must meet one of the following:

- TOEFL paper-based score of 460 or higher.
- TOEFL computer-based score of 140 or higher.
- TOEFL internet-based score of 48 or higher.
- Overall IELTS band score of 4.5 with no individual band score below 4.0.
- SAT Critical Reading sub-score of 380 or higher
- ACT English sub-score of 15 or higher.

Intermediate:

- ESOL 100 Grammar Skills I (3)
- ESOL 101 Written Communication Skills I (6)
- ESOL 102 Oral Communication Skills I (3)

Advanced:

- ESOL 103 Grammar Skills II (3)
- ESOL 104 Oral Communication Skills II (3)
- ESOL 105 Written Communication Skills II (3)

Intermediate ESOL: 20 hours of classroom instruction in English per week, 12 semester hours per semester.

Advanced ESOL: 20 hours of classroom instruction in English per week, 9 semester hours per semester. Students may be allowed to take one additional course per semester.

ESOL courses require the grade of C or higher to move on in the ESOL sequence and to English Composition. ESOL prerequisites are ESOL 100 for ESOL 103, ESOL 101 for ESOL 105, and ESOL 102 for ESOL 104. Also ESOL 105 is the prerequisite for ENGL 107N. (If ENGL 107N is not being taught, ENGL 107A follows ESOL 105).

New students who will be enrolled full-time in English as a Second or Other Language courses (minimum of nine hours of ESOL per semester): ESOL 100, ESOL 101, ESOL 102, ESOL 103, ESOL 104 or ESOL 105 are eligible for a \$1,000 per semester tuition grant. Recipients are eligible for the grant during the first two semesters they are enrolled in the ESOL sequence.

FOUR-YEAR GRADUATION PLAN

The Four-Year Graduation Plan assures an entering freshman that if all conditions of the Plan are met, the student will be able to graduate in eight consecutive semesters. If a student meets all the conditions of the Plan and is unable to graduate in eight consecutive semesters, Columbia

College will waive the additional tuition if the required coursework is completed within the next year. A contract outlining the agreement will be signed by the student and a College officer. If the student does not fulfill the requirements of the contract, no penalty will be assessed; however, the student will continue to be responsible for any additional tuition.

Note: Certain academic programs are not eligible for pursuit under the Four-Year Graduation Plan program. Students enrolled in English as a Second Language courses may have difficulty fulfilling the Plan requirements. Complete information about this program is available in the Director of Advising's Office, the Admissions Office and on the Columbia College website at: www.ccis.edu.

SUMMER SESSION

The eight-week term held during the months of June and July is administered by the Evening Campus. Students may enroll in both day and evening hours. Students may not enroll for more than 8.5 semester hours of credit without written permission from the Director of Advising.

THE MATHEMATICS CENTER

The Ether L. Bruce Mathematics Center, located in Missouri Hall, provides academic tutoring services for students enrolled in most 100- or 200-level math courses, from Beginning Algebra to Calculus II and Statistics I. These services are provided free of charge to students enrolled for credit in a course offered through the Computer and Mathematical Sciences Department on the Columbia College home campus as well as local online students.

At the Center math specialists answer questions about homework or calculator use, check solutions of non-graded problems and explain concepts. Students visiting the Center also have access to the Mathematica software and solution manuals. Students are taught skills to enable them to become independent learners. Math specialists are experts at decreasing math anxiety and increasing student success.

All services at the Bruce Math Center are offered on a walk-in basis. The Center is staffed by experienced professionals committed to helping students broaden their educational opportunities and achieve excellence in their academic careers at Columbia College.

For more information, contact Mrs. Susan Hughes at (573) 875-7618 or e-mail: sdhughes@ccis.edu or the Columbia College website at [www.ccis.edu/departments/math center/](http://www.ccis.edu/departments/math%20center/).

STUDENT SUPPORT SERVICES (SSS) PROGRAM

The Student Support Services (SSS) program is a federally funded, U.S. Department of Education TRIO program that provides support for first-generation college students with economic and/or disability related needs. The goal of SSS is to promote the academic success, retention and graduation rates of the program participants through various forms of academic assistance. SSS provides financial and personal counseling, academic advice, peer and professional tutoring, mentoring, career services, and serves as a referral agent for many departments on campus. Activities are varied from month-to-month and include educational workshops, cultural excursions, and social events. SSS also offers opportunities to develop leadership skills and to participate in community service. In addition to these services, SSS offers a computer lab, study room and a student lounge.

Student Support Services is located in Columbia House, 311 North Tenth Street. Office hours are Monday-Friday, 8:00 a.m.-5:00 p.m. Applications to determine eligibility are available to all interested students. For more information, please call (573) 875-7624, or e-mail: asbrundage@ccis.edu.

STUDY ABROAD PROGRAMS

Columbia College encourages students to explore opportunities to study outside the United States. The College is a member of the Missouri Study Abroad Intercollegiate Consortium (MOSAIC) and the Central College (IA) study abroad consortium. The College also offers a study tour to a different country each year in late May. Participants in the study tour may enroll for up to six hours of course credit as part of the Spring semester. Dr. Brian Kessel, 207 St. Clair Hall, is the Study Abroad Advisor and advises students about the availability, value and academic appropriateness of these programs.

To help defray costs for study abroad, students may apply for financial aid through the Columbia College Registration and Financial Services Office. Federal financial aid, such as the Pell Grant or student loans, can be used to help finance study abroad. A study abroad award is available for students having a 3.2 cumulative GPA and completed at least 24 hours with Columbia College. Students must be full-time and must return to Columbia College for at least one semester immediately following the study abroad experience. Students who are interested in obtain-

ing more information about these opportunities should contact Dr. Brian Kessel, Study Abroad Advisor, at (573) 875-7625 or e-mail: blkessel@ccis.edu.

TUTORING SERVICES

Professional tutors are available through the Seabrook Writing Center to enhance student learning experiences in the various academic disciplines, such as accounting, computer information systems and the sciences. This free service is available on a walk-in basis at a variety of times each week.

The following services are available to students enrolled in tutor-supported classes taught on the home campus:

- Help in understanding concepts and working problems.
- Discussion and study groups.
- Test preparation.
- Strategies for researching and writing papers in disciplines other than English.

The current tutoring schedule can be found at <http://www.ccis.edu/writingcenter/schedule.html>. For more information, contact Ms. Katie Denehy at (573) 875-7614 or e-mail: mcdenehy@ccis.edu.

THE WRITING CENTER

The Elizabeth Toomey Seabrook Writing Center, located in 212 Missouri Hall, provides free educational support services to help students enrolled at Columbia College maintain and enhance writing skills needed to meet established academic standards. These services are offered by appointment or walk-in basis at selected times to students taking classes at the main campus or local students enrolled in online English courses.

The Center offers the following services in a one-to-one or small group format:

- Writing skills improvement.
- Help with assignments and test preparation for English courses.
- Techniques for planning and writing research papers.
- Help with documentation of sources according to MLA and APA guidelines.

For more information contact Mrs. Lynda Dunham, Coordinator, at (573) 875-7616 or e-mail: lldunham@ccis.edu. Writing and study skills information is available at www.ccis.edu/departments/writingcenter.

SPECIAL ACADEMIC FACILITIES

LIBRARY

The J.W. and Lois Stafford Library provides a place for students to study individually or in groups. The library is open more than 80 hours a week and staff members are available to provide assistance and answer questions at all times for persons visiting the library or by phone, email, chat or text. Library instruction is provided to individuals or to classes. The library classroom is used for group study and library instruction. Copy machines and other equipment are available for student use.

The library's collection supports the curriculum of Columbia College with over 80,000 items (books, videos, compact discs, etc.), more than 200 magazine, journal, and newspaper print titles and over 1800 ebooks. Arthur, the library's catalog, is available on the Internet.

Library computers provide access to a variety of databases and the Internet. Over sixty online databases are available to search for full-text or indexed articles from professional journals, legal publications, newspapers, magazines and reference publications. More than 70,000 books are available electronically through ebrary. Students are able to access the databases from off campus using their eServices account.

Columbia College is a member of the MOBIUS Consortium. This membership provides Columbia College students access to over 23 million items in more than sixty academic, special or public libraries in the state of Missouri. Students can borrow books by using the MOBIUS online catalog or visiting a participating library. Students taking classes at Missouri extended campuses can use MOBIUS libraries in the area.

CONTACT INFORMATION:

PHONE: 573-875-7381, 800-231-2391 X7381
 EMAIL: reference@ccis.edu, www.ccis.edu/library

LIBRARY HOURS: *

Monday – Thursday . 8:00 a.m. – Midnight
 Friday 8:00 a.m. – 8:00 p.m.
 Saturday 9:00 a.m. – 5:00 p.m.
 Sunday 2:00 p.m. – Midnight
 Finals Week Open until midnight

* Hours subject to change during breaks and holidays.

LAPTOP AVAILABILITY

Laptops can be checked out from the Stafford Library circulation desk to be used in the library only. Students must have their ID card and a loan agreement form must be signed to check out a laptop. Students using these laptops are responsible for damage to or theft of the computer. Laptops may not be reserved in advance.

TECHNOLOGY SOLUTIONS CENTER

The Technology Solutions Center is available to students via phone or face-to-face. Help desk analysts are available to assist students with Internet connectivity and telephone issues in the residence halls, issues with accessing email and eServices and general computer related questions.

HOURS OF OPERATION *

Phone Support:

Monday – Thursday 7:00 a.m. – 10:00 p.m.
 Friday 7:00 a.m. – 8:00 p.m.
 Saturday 10:00 a.m. – 6:00 p.m.
 Sunday Noon – 6:00 p.m.

Walk-In Support:

Monday – Thursday . 8:00 a.m. – 7:00 p.m.
 Friday 8:00 a.m. – 5:00 p.m.
 Saturday 11:00 a.m. – 5:00 p.m.
 Sunday Noon – 5:00 p.m.

* Hours subject to change during breaks and holidays.

E-MAIL, INTERNET ACCESS AND ANTI-VIRUS SOFTWARE

Students are assigned email accounts for all college-related communications. Students must authenticate their accounts using their student ID number at: <http://accounts.ccis.edu>. To access your college email, click on eServices on the main page of the web site. CougarMail, an Internet application, is a free service to all students and is a life-time account for graduates. The system is accessible using any web browser from any loca-

tion with the exception of military bases. Internet access is available to students for use as a resource in the student Open Lab and lab classrooms, Stafford Library and the residence halls. A wireless network is available for laptop users.

Students using computers on the College network must have the latest version of anti-virus software.

COMPUTER CLASSROOMS

Two classrooms for instructional use are maintained by Technology Services in Buchanan Hall. Classes using computing resources, such as English, Computer Programming and Accounting are conducted in these facilities. Students are able to complete assignments outside of class using the computer resources in the Open Lab. In addition, instructional labs are available in the Tenth Street Center and Federal Hall.

OPEN LAB USE

Technology Services maintains an open lab equipped with computers, scanners, a copy machine and a high speed laser printer in Buchanan Hall. This lab is available to currently enrolled students on a walk-in basis and offers extended hours. Software used in classroom instruction is available to students for use in completing assignments. Email and Internet access is also provided.

Within the Buchanan Open Lab is a multimedia room. The room is equipped with two Dell computers and one Apple computer. In addition, a color printer, a black and white printer, and scanners are available for student use. These computers have video and photo editing software installed. This room is available for use as a group study room.

Federal Hall and Tenth Street Center offer open labs with computers and high speed laser printers.

The Technology Solutions Center has one digital still camera and two digital video cameras available for check out. Cameras may be checked out for a period of 24 hours. For more information, contact the Technology Solutions Center at 875-7333.

COLUMBIA COLLEGE ACCEPTABLE USE POLICY

The computer resources at Columbia college support the academic and administrative activities of the College. Use of resources for academic and administrative objectives takes precedence over personal reasons. Use of any Columbia College (CC) computing resource is considered a privilege, and all users are expected to adhere to the following acceptable use policy (AUP). This policy applies to any person or organization utilizing CC computing resources.

All users of College computing resources must adhere to the following:

- Ensure the security and confidentiality of all College data and information.
- College technology resources shall not be used for commercial purposes unless authorized by the college.
- It is prohibited to use college computing system/network resources to store, access or send material that is obscene, illegal, discriminating, or intended to defame or harass others, or to interfere with their work on the computer. "Computing system/network resources" include but are not limited to all computers, networks, voice, video, email and other applications.
- It is prohibited to share CC login credentials with others. All users are responsible for activities carried out with the use of these credentials.
- Comply with all College policies.
- Comply with all federal, state, and other applicable laws including copyright regulations.
- Intentional unauthorized use is prohibited, including any modification or disruption to computing resources and systems.

Use of any Columbia College computing resource constitutes full acceptance of the terms and conditions of College policies, including the Investigation and/or Monitoring of Employee Electronic Communications or Files policy. Violations of the terms and conditions of this policy could result in revocation of system privileges and may result in further disciplinary actions up to and including immediate student dismissal and employee termination from the College.

Columbia College reserves the right to change this policy without notice.

COLUMBIA COLLEGE GLOBAL STUDENT EMAIL POLICY

Assignment of email address – Individuals will be issued an official Columbia College student email address (CougarMail) when they apply to the College. This email account will become a lifetime account upon enrollment and subsequent attendance.

Student responsibilities – Official correspondence from faculty and staff will be communicated through the Columbia College email address. Students are responsible for the information received and are required to monitor their email account on a regular basis. Since students are required to monitor their email account, and for the student's convenience, Columbia College email addresses may be forwarded to another email account as desired. If a student opts to forward his/her account to another email address, he/she assumes responsibility for the reliability of this address and will be held responsible for the information sent over CougarMail, even if there is a problem with the alternate email service.

Users are expected to have read the Columbia College Computer Use Policy prior to use of the email system. Use of the email system constitutes full acceptance of the terms and conditions of the policy and consent to monitoring. The consequences for not complying with the conditions of the policy could result in disciplinary action including revocation of system privileges.

Student rights – Students may use their account for personal email in accordance with the Columbia College Acceptable Use Policy.

Security – CougarMail provides a secure sign-on and secure transfer of email within the Cougar Mail system. However, students should be aware that Columbia College cannot be responsible for the security of information forwarded to other accounts.

COLUMBIA COLLEGE GLOBAL ALUMNI EMAIL POLICY

Alumni eligibility – All alumni who have received degrees from the College are eligible to receive a lifetime CougarMail account

Alumni responsibilities – Official College correspondence may be communicated through the Columbia College email address. Columbia College email addresses may be forwarded to another email account as desired.

Users are expected to have read the Columbia College Acceptable Use Policy prior to use of the email system. Use of the email system constitutes full acceptance of the terms and conditions of the policy and consent to monitoring. The consequences for not complying with the conditions of the policy could result in revocation of system privileges.

Alumni rights – Alumni may use their account for personal email in accordance with the Columbia College Computer Use Policy.

Security – CougarMail provides a secure sign-on and secure transfer of email within the Cougar Mail system. However, alumni should be aware that Columbia College cannot be responsible for the security of information forwarded to other accounts.

ADMISSION POLICIES

DAY STUDENTS

Columbia College enrolls students who have both the desire and ability to succeed in a rigorous teaching and learning environment. The College invites applications from students who have demonstrated that they are likely to complete the College's broad-based general education curriculum and to master an undergraduate major. Many factors are considered in the admission decision but previous academic achievement is the best predictor of success at Columbia College. The College does not admit applicants whose previous academic performance predicts failure.

GENERAL ADMISSION

Each applicant is individually considered for admission based on their qualifications as a whole. Applicants must submit completed applications no later than two weeks from the start of the semester to which they are applying. Application deadlines will be firmly adhered to for all applicants regardless of status; full-time, part-time or non-degree seeking. Admission decisions are made on a rolling basis until one week prior to the start of each semester.

Admission is generally granted to high school applicants with no previous college credit (excluding high school dual enrollment) who follow a college preparatory curriculum, rank in the top half of their graduating class or have an ACT of 21 or SAT of 990 and have earned at least a 2.5 cumulative high school grade point average on a 4.0 scale. Admission is also generally granted to applicants with a 2521 GED score and home schooled applicants who present a 21 ACT, 990 SAT or 2521 GED score. Applicants who graduated from high school more than two years ago may not be required to submit ACT or SAT scores for admission consideration. However, these scores are also used for freshman course advising and scholarships.

Columbia College welcomes students with academic credit from other institutions. Transfer applicants must present a minimum 2.0 cumulative grade point average. Only grades of C or above are accepted in transfer. If fewer than 24 hours are accepted, transfer applicants will be considered for admission on the basis of the high school record (class rank, ACT/SAT, grade point average) in addition to college coursework. A student who has

earned more than six college credits after high school completion is considered a transfer student.

Columbia College reserves the right to randomly check any and all applications for a criminal history. Applicants with a felony or misdemeanor conviction must provide details regarding the crime(s).

NEW FRESHMEN

To apply for admission as a new freshman, applicants must:

1. Submit the Columbia College undergraduate application for admission to the Day Campus with a one-time non-refundable \$35 fee. Applicants must submit completed applications no later than two weeks from the start of the semester to which they are applying. The application fee is waived prior to January 1 for Day Campus fall semester applicants.
2. Request official high school transcripts be sent directly to the Admissions Office, or submit official GED scores. Please direct all official documents to: Admissions, 1001 Rogers St., Columbia, MO 65216.
3. Request an official transcript be sent directly to the Admissions Office from each college or university from which credit (including dual credit) was earned.
4. Submit ACT and/or SAT scores.
5. Provide a copy of a resident alien card, if a permanent resident but not a U.S. citizen.
6. Submit a completed Columbia College Medical History form and show proof of two vaccinations for measles, mumps, and rubella (MMR). This applies to all Day students who were born after January 1, 1957.

New freshman applicants who do not present the minimum requirements for admission may be considered for admission through the Admissions Review Committee process. (See page 116 for more information about this process.)

HOME SCHOOLED STUDENTS

Complete steps 1, 3, 4, and 5 (if applicable) and submit a record of high school-level coursework or a GED score. Scholarship candidates must submit a high school equivalent grade point average or other relative materials and a resumé to be considered for institutional aid. Please contact the Admissions Office for details.

RECOMMENDED HIGH SCHOOL CURRICULUM

Final high school transcripts should reflect a college bound curriculum with a minimum of four units of English, three units of mathematics (two years of algebra and one year of geometry), three units of science, and two units of social studies. Two years (four semesters) of a foreign language is recommended. Students who completed the College Preparatory Certificate recognized by Missouri's Coordinating Board for Higher Education are typically well prepared for academic success at Columbia College.

FOUR-YEAR GRADUATION PLAN

The Four-Year Graduation Plan assures an entering freshman that if all conditions of the plan are met and the student will be able to graduate in eight consecutive semesters, Columbia College will waive the additional tuition if the required course work is completed within the next year. A contract outlining the agreement will be signed by the student and a College officer. If the student does not fulfill the requirements of the contract, no penalty will be assessed; however, the student will continue to be responsible for any additional tuition.

Note: The following majors/programs are not included in the Four-Year Graduation Plan: Education (BEACON and DAYSTAR), Forensic Science and Bachelor of Fine Arts in Art. Students enrolled in English as a Second or Other Language courses may have difficulty fulfilling the Plan requirements. Complete information about this program is available in the Director of Advising's Office, the Admissions Office and on the Columbia College website at: www.ccis.edu.

TRANSFER STUDENTS

To apply for admission to Columbia College as a transfer student, applicants must:

1. Submit the Columbia College undergraduate application for admission to the Day Campus with a one-time non-refundable \$35 application fee. Applicants must submit completed applications no later than two weeks from the start of the semester to which they are applying. The application fee is waived prior to January 1 for Day Campus fall semester applicants.
2. Request an official transcript from each college or university attended, including dual credit, be sent directly to the Evaluations Office. (See page 156 for information on evaluation of transfer credit.) Please direct all official documents to: Evaluations, 1001 Rogers St., Columbia, MO 65216.

3. If semester hours earned total less than 24, request an official high school transcript or GED scores be sent directly to the Evaluations Office. ACT/SAT scores may also be required for course advising and scholarships.
4. Provide a copy of the resident alien card, if a permanent resident but not a U.S. citizen.
5. Submit a completed Columbia College Medical History form and show proof of two vaccinations for measles, mumps and rubella (MMR). This applies to all Day students who were born after January 1, 1957.

Transfer students who do not present a minimum cumulative 2.0 grade point average for previous college coursework may be considered for admission through the Admissions Review Committee process.

Students who are on suspension from another institution are recommended to wait one semester before applying for admission to Columbia College. Students on suspension can be considered for admission only through the review committee process.

STUDENT AUTHENTICATION

Students will be asked to provide proof of identification upon admission. A student with access to a Columbia College campus may show a government issued photo identification to a college staff member in order to authenticate their identity. Students who are not located near a Columbia College campus will be required to authenticate their identity using a scan of a government issued photo identification and signature via a notary public.

TRANSCRIPTS/CREDIT DOCUMENTS REQUIREMENT

Applicants must inform the College of all institutions of higher learning attended and whether or not academic credit was earned at these institutions. Falsification of application information, including failure to identify all post-secondary institutions attended, may result in denial of admission or dismissal if discovered after enrollment.

An official transcript and official English language translation from each college and university attended must be submitted to the College before transfer of credit can be accomplished. An official transcript is marked as such and sent directly from the institution attended to the Columbia College Evaluations Office. A transcript

marked official and hand delivered in a sealed envelope of the institution by the applicant will be accepted as official. Transcripts marked unofficial or student copy will not be considered official even if delivered in a sealed institution envelope. Faxed transcripts are not considered official. Credit will not be evaluated for one institution from another institution's transcript. The following is a list of examinations and test scores that must be submitted for an official evaluation: CLEP, DANTES (DSST), AP, IB.

Appeals may be made for an exception to having all transcripts/credit documents submitted prior to an evaluation. An appeal must include a statement of why the transcript/credit document is unavailable and/or why the applicant wishes to proceed without it for the initial evaluation. A waiver/disclaimer statement must also be signed by the applicant indicating that he understands that he is responsible for any consequences incurred due to the late receipt of all documents. Areas of consequence include, but are not limited to, enrollment for a subsequent term, advising and academic level.

Appeals will not be approved or exceptions made for the following reasons: applicant owes money at another institution and is therefore unable to procure an official transcript; poor grades at the previous institution and therefore courses may not be transferable to Columbia College; applicant does not believe that previous coursework is applicable to Columbia College; applicant does not want to pay transcript fees.

Applicants who are unable to obtain transcripts because the previous institution has closed, had a fire or some other records catastrophe may include a letter from the institution or the Department of Education for the state or the Ministry of Education where the school is located indicating that the transcript is not available. If the letter is provided along with the application and other transfer documents, then an appeal is not necessary and there will be no delay in the evaluation process.

Applicants may also submit a letter of appeal if a previous institution attended is not currently nor has ever been accredited by one of the accrediting bodies recognized by Columbia College.

Once a document has been submitted it becomes the property of Columbia College. Neither the original nor a copy will be given to the applicant.

NON-DEGREE SEEKING STATUS

The non-degree seeking status is designed for part-time students who do not seek an academic degree at Columbia College. Admission decisions are made on a rolling basis until one week prior to the start of the semester. Enrollment as a Non-Degree Seeking student neither guarantees automatic admission to degree seeking status, nor does it necessarily impact an admission decision. Applicants must submit completed applications no later than two weeks from the start of the semester to which they are applying. Application deadlines will be firmly adhered to regardless of status; full-time, part-time or non-degree seeking. Acceptance as a non-degree seeking student is not automatic. Students must be in good academic standing with Columbia College or any other institutions attended and have a cumulative GPA of 2.0 or higher. Students must also have a 2.0 or higher GPA for the most recent semester completed. Non-degree seeking students in the Day Campus may stay continuously enrolled in consecutive semesters while in good academic standing (not on academic or disciplinary probation). Non-degree seeking students who do not enroll in one or more semesters must reapply for admission. Non-degree seeking students are not eligible for financial aid. Students enrolling at Columbia College under this status may be considered for degree-seeking status in a subsequent term by completing the regular application process.

Students who wish to apply for non-degree seeking status must complete the non-degree seeking application for admission and submit it with the \$35 one-time, non-refundable application fee.

Non-degree seeking international students must show proof of English proficiency: minimum TOEFL score of 500 paper-based, 173 computer-based or 61 internet-based; an APIEL score of 3 or higher; completion of an advanced proficiency level in an accredited English as a Second Language (ESL) program; completion of a course equivalent to English Composition I with a grade of C or higher. Additionally, international students must submit a copy of a valid passport, visa, I-94 departure record and most recent I-20, if currently enrolled at another institution.

Enrollment for non-degree seeking students is on a space available basis only. Course selections may be limited. Students under this status must be cleared for enrollment through the Admissions Office. Non-degree seeking students must provide proof that course prerequisites have been met.

Non-degree seeking students who enroll in twelve or more hours in the Day Campus are con-

sidered full-time students. Enrolling as a non-degree seeking student does not negate the residence hall requirement (applicable to full-time students).

ADDITIONAL ACADEMIC INFORMATION

Although not required for admission consideration, additional academic information that may supplement an application file includes, but may not be limited to: Advanced Placement; International Baccalaureate; Excelsior (formerly Regents); ACE accredited corporate courses; military credit (DSST, DD214, USAFI); Law Enforcement Training Institute; RN certification and LPN certification. For use in admissions consideration or for an official evaluation of credit, all documents must be submitted directly to the Admissions Office. For additional information about the transfer of alternative credit, contact the Evaluations office.

RESIDENCE LIFE REQUIREMENTS

All full-time freshmen and sophomore Day Campus students are required to live on campus unless they meet one or more of the following exceptions: 1) live in Boone County with parents, 2) are 22 years of age or older, 3) have completed 52 semester hours, 4) are married, 5) are a parent or 6) are a military veteran defined by federal guidelines.

READMISSION

Students who wish to return to Columbia College after interrupting attendance for one semester must apply for readmission through the Admissions Office. Applicants must submit completed applications no later than two weeks from the start of the semester to which they are applying. Application deadlines will be firmly adhered to regardless of status; full-time, part-time or non-degree seeking. Admissions decisions are made on a rolling basis until one week prior to the start of the semester.

Official transcripts from each college attended after Columbia College will be required for readmission consideration. Resubmission of transcripts may be required if the absence exceeds five years. The Admissions Office checks academic and financial status and notifies the student of the readmission decision. (Students may contact the Registration and Financial Services office directly to determine if there is a balance due.)

READMISSION AFTER SUSPENSION

Students may apply for readmission to Columbia College following a suspension of one semester. Applicants must submit completed applications no later than two weeks from the start of the semester to which they are applying. Application deadlines will be firmly adhered to regardless of status; full-time, part-time or non-degree seeking. Admissions decisions are made on a rolling basis until one week prior to the start of the semester.

To apply for readmission after suspension, students must:

1. Complete the undergraduate application for admission to the Day Campus and submit with the non-refundable \$35 application fee if it was not paid with the original application for admission.
2. Write a letter to the Executive Vice President and Dean for Academic Affairs requesting consideration for readmission. The letter should include an assessment of lack of previous academic progress, an outline of accomplishments since suspension and a specific plan of action for success should readmission be approved.
3. Reconcile any balance owed to the Registration and Financial Services office.
4. Request official transcripts be sent directly to the Evaluations Office from each college attended since leaving Columbia College.
5. Submit a completed Columbia College Medical History form and show proof of two vaccinations for measles, mumps and rubella (MMR). This applies to all Day students who were born after January 1, 1957.

READMISSION AFTER DISMISSAL

Students may apply for readmission to Columbia College following a dismissal of three years. Applicants must submit completed applications no later than two weeks from the start of the semester to which they are applying. Application deadlines will be firmly adhered to regardless of status; full-time, part-time or non-degree seeking. Admissions decisions are made on a rolling basis until one week prior to the start of the semester.

To apply for readmission after dismissal, students must:

1. Complete the undergraduate application for admission to the Day Campus and submit with the non-refundable \$35 application fee if it was not paid with the original application for admission.

2. Write a letter to the Executive Vice President and Dean for Academic Affairs requesting consideration for readmission. The letter should include an assessment of lack of previous academic progress, an outline of accomplishments since dismissal and a specific plan of action for success should readmission be approved.
3. Reconcile any balance owed to the Registration and Financial Services office.
4. Request official transcripts be sent directly to the Evaluations Office from each college attended since leaving Columbia College.
5. Submit a completed Columbia College Medical History form and show proof of two vaccinations for measles, mumps and rubella (MMR). This applies to all Day students who were born after January 1, 1957.

Students who have been permanently dismissed from Columbia College are not eligible for readmission.

EARLY-OUT ADMISSION

Students of exceptional ability may apply for admission to Columbia College following completion of their junior year of high school and after having earned 15 units of high school credit. Applicants for early-out admission must complete the normal procedure for regular admission as well as arrange for a personal interview. Students must show an academic record which reflects readiness for college-level work. Consent of the high school principal and parents is required. Admission is contingent upon approval by the admissions review committee.

CAMPUS TRANSFERS (CHANGE OF CAMPUS)

Currently enrolled students who wish to change campuses (i.e., Evening to Day, Nationwide to Day, Day to Evening, Nationwide to Evening, Online to Evening, Evening to Online) must complete a change of campus form located on eServices. The Admissions office checks academic and financial status and notifies the student of the transfer decision. The residency requirement applies to full-time Day Campus students.

HIGH SCHOOL DUAL ENROLLMENT

High school juniors and seniors have the opportunity to take college courses for credit while completing high school. Application deadlines will be firmly adhered to for all applicants regardless of status.

Students in high school who wish to earn credit

at Columbia College must:

1. Submit the undergraduate application for admission to the Day Campus with a one-time, non-refundable \$35 fee. Applicants must submit completed applications no later than two weeks from the start of the semester to which they are applying.
2. Request an official high school transcript and ACT or SAT score be sent directly to the Admissions office.
3. Present a 2.5 cumulative high school grade point average and a minimum 21 ACT/990 SAT or minimum 50th percentile class rank.
4. Provide written support from the high school principal or guidance counselor and a parent or legal guardian by completing the Columbia College dual enrollment form.
5. Homeschooled students must complete steps 1-3 and submit a letter of written support from a parent or legal guardian by completing the dual enrollment form.

The admissions review committee reserves the right to review any application for admission under the dual enrollment status.

INTERNATIONAL STUDENTS

Columbia College is welcoming of international students and encourages application from non-citizens. New international students must meet the admission standards for the traditional Day Program (see general admission requirements on page 109). New International students must meet English language proficiency requirements. Students seeking admission to academic programs must provide official scores from the TOEFL (Test of English as a Foreign Language) exam, IELTS (International English Language Testing System) exam, completed IEP Program, or appropriate SAT or ACT scores.

An international student is categorized as a foreign born person who is not a citizen, national or permanent resident of the United States, nor individuals who have been granted asylum or refugee status. Applicants who have applied for residency or citizenship must provide all application materials necessary to be considered for international admission until residency or citizenship has been granted. Columbia College does not extend admission to undocumented persons.

International students seeking a SEVIS I-20 Form from Columbia College for an F-1 visa are eligible for undergraduate admission through the Day Campus, Elgin Campus, Aurora Campus, or

Salt Lake Campus only. International students who are accepted for admission will receive a housing contract and I-20, if applicable. International students not seeking an I-20 from Columbia College may apply for admission to any venue so long as the current visa status of the applicant allows for academic study while in the United States. Persons in F-2 status may apply for admission to Columbia College only as non-degree seeking students, and are limited to part-time avocational and recreational studies.

There are several other visa types that are eligible for full-time study at Columbia College. International applicants should contact the Admissions Office or the Director of International Programs for enrollment eligibility information.

NEW FRESHMEN

International applicants are reviewed on a case-by-case basis. Applicants must complete a full sequence of university-preparatory studies that would qualify for admission to university-level studies in their countries of secondary study. This requirement is equivalent to the twelve-year program of elementary, middle school and high school in the United States.

TRANSFER STUDENTS

Columbia College welcomes international students with academic credit from other institutions. In general, students who present a minimum 2.0 cumulative grade point average from previous college coursework are considered for admission. University-level coursework completed at appropriate international institutions will be considered for transfer credit on a course-by-course basis. Academic performance at international institutions will be translated to a 4.0 scale for U.S. equivalency. If a transfer student does not present a minimum cumulative grade point average of 2.0, he/she may be considered for admission through the Admissions Review Committee process.

Students who attend Columbia College from universities and colleges that maintain an active exchange agreement with Columbia College receive a tuition discount upon admission to the College. Renewable for three additional years with good academic standing.

TRANSCRIPTS/CREDIT DOCUMENTS REQUIREMENT

Applicants must inform the College of all institutions of higher learning attended and whether or not academic credit was earned at these institutions.

Falsification of application information, including failure to identify all post-secondary institutions attended, may result in denial of admission or dismissal if discovered after enrollment.

An official transcript and official English language translation from each college and university attended must be submitted to the College before transfer of credit can be accomplished. An official transcript is marked as such and sent directly from the institution attended to the Columbia College campus where the applicant plans to attend. A transcript marked official and hand delivered in a sealed envelope of the institution by the applicant will be accepted as official. Transcripts marked unofficial or student copy will not be considered official even if delivered in a sealed institution envelope. Faxed transcripts are not considered official. Credit will not be evaluated for one institution from another institution's transcript. The following is a list of examinations or test scores that must be submitted for an official evaluation: CLEP, DANTES (DSST), AP, IB.

Appeals may be made for an exception to having all transcripts/credit documents submitted prior to an evaluation. An appeal must include a statement of why the transcript/credit document is unavailable and/or why the applicant wishes to proceed without it for the initial evaluation. A waiver/disclaimer statement must also be signed by the applicant indicating that he understands that he is responsible for any consequences incurred due to the late receipt of all documents. Areas of consequence include, but are not limited to, enrollment for a subsequent term, advising and academic level.

Appeals will not be approved or exceptions made for the following reasons: applicant owes money at another institution and is therefore unable to procure an official transcript; poor grades at the previous institution and therefore courses may not be transferable to Columbia College; applicant does not believe that previous coursework is applicable to Columbia College; applicant does not want to pay or is unable to pay transcript fees.

Applicants who are unable to obtain transcripts because the previous institution has closed, had a fire or some other records catastrophe, may include a letter from the institution or the Department of Education for the state or the Ministry of Education where the school is located indicating that the transcript is not available. If the letter is provided along with the application and other transfer documents, then an appeal is not necessary and there will be no delay in the evaluation process.

Applicants may also submit a letter of appeal if a previous institution attended is not currently nor

has ever been accredited by one of the accrediting bodies recognized by Columbia College.

EVIDENCE OF ENGLISH PROFICIENCY

Students must have a command of the English language and be able to: comprehend oral lectures, participate in class discussions, read and comprehend textbooks, and write effectively in English.

English proficiency can be demonstrated by the following:

- TOEFL paper-based score of 500 or higher.
- TOEFL computer-based score of 173 or higher.
- TOEFL internet-based score of 61 or higher.
- Overall IELTS band score of 5.5 or higher, with no individual band score below 5.0.
- Proof of completion of an equivalent of Columbia College's English Composition I with a grade of C or better.
- APIEL score of 3 or higher.
- SAT Critical Reading sub-score of 430 or higher.
- ACT English sub-score of 17 or higher.

Students who do not meet these English proficiency requirements can be considered for admission to the English as a Second or Other Language (ESOL) Program. The admission standards are outlined on page 109.

The ESOL program is not available through the Evening Campus. Students wishing to complete ESOL courses must apply through the Day Campus. Students enroll in the ESOL program at one of two proficiency levels: intermediate or advanced. Placement is determined by in-house diagnostic testing. This test is given to ESOL students during orientation or prior to the beginning of classes.

The TOEFL score requirements may be waived only by submitting the appropriate SAT, ACT or other standard measure of English and academic ability as approved by the International Admissions Office.

APPLICATION PROCESS

International applicants to the Day Program must provide complete application materials as outlined below. All necessary documents must be received by Columbia College no later than four weeks from the start of the fall semester, and no later than five weeks from the start of the spring semester for applicants to those terms respectively. To be considered for admission to Columbia College, an international student must:

1. Submit the application for admission to the Day

Campus with a one-time, non-refundable \$35 (U.S. dollars) application fee. Checks should be made payable to Columbia College. The application fee is waived prior to January 1 for Day Campus fall semester applicants.

2. Submit the SEVIS Supplement form.
3. Request official original secondary school records in the native language and an official English translation be sent directly to the Admissions Office.

Columbia College evaluates advanced secondary school education from other countries such as the British Advanced Level Examinations, the French Baccalaureate, the German Abitur, and the Canadian CEGEPs. Students who have successfully completed advanced secondary school education may receive advanced standing or transfer credit at Columbia College for that work. Such credit is evaluated on a course-by-course basis. Students may be asked to submit course descriptions and/or course syllabi for evaluation purposes.

4. Request official original transcripts (in the native language) from each college/university attended and an official English translation be sent directly to the Admissions Office.
5. Submit official bank documents to provide evidence of adequate financial support (in U.S. dollars) for one year of study at the College.
6. Proof of English language proficiency.
7. Students transferring to Columbia College from an institution in the United States must complete a Transfer application and furnish a copy of a valid passport, visa, I-94 and I-20 from the last school attended.

Proof of English language proficiency is not required for students from the United Kingdom, Canada, New Zealand, Australia, Malta and Ireland.

NON-DEGREE SEEKING STUDENTS

International students who are not seeking a degree from Columbia College and wish to enroll part-time may be considered for admission as a Non-Degree Seeking student. (See non-degree seeking information on page 106). Students must be degree seeking to be eligible for a SEVIS I-20 Form from Columbia College. Students on an F-2 Visa must apply as non-degree seeking and enroll in courses that are avocational or recreational in nature.

ADMISSIONS REVIEW PROCESS

Applicants who do not meet the standards described above for general admittance may be considered for admission through the Admissions Review Committee process. Students who complete a file after August 1 for the Day Campus fall semester and December 1 for the Day Campus spring semester who do not meet general admissions standards may not be considered for admission. Application deadlines will be firmly adhered to for all applicants regardless of status; full-time, part-time or non-degree seeking. In addition to the materials outlined above, Admissions Review Committee applicants must:

1. Submit a letter that explains previous academic experiences and addresses difficulties encountered; a description of an activity, project or task at which they have persevered to completion; and a plan for success at Columbia College.
2. Complete a personal interview with an Admissions Counselor.

Applications with supporting materials will be reviewed to determine whether applicants are admitted to the College. The Committee looks for one or more of the following: unrealized potential, uncommon talent in a given area, perseverance and prediction of academic success or substantial work experience. **If admitted, students must earn a minimum 2.0 grade point average during their first term enrolled at Columbia College. Failure to do so may result in suspension from the College.**

An applicant who is denied admission to the home campus programs may be granted permission to apply through the Evening, Nationwide or Online Campus programs.

ADMISSIONS DEADLINE

Domestic applicants must submit completed applications no later than two weeks from the start of the semester to which they are applying. International applicants no later than four weeks from the start of the Day Campus fall semester, and no later than five weeks from the start of the Day Campus spring semester. Application deadlines will be firmly adhered to for all applicants regardless of status; full-time, part-time or non-degree seeking.

DEPOSIT

Upon notification of admission to the Day Campus, students should acknowledge acceptance

of the offer of admission by making a deposit payment of \$100. The fee is credited to the student's account and is refundable until May 1 prior to the fall of initial enrollment or until December 15 prior to the spring of initial enrollment. The fee assures the privilege to preregister for classes offered the succeeding semester and secures a residence hall assignment if appropriate. The deposit is applicable to all students, regardless of their financial status.

IMMUNIZATION REQUIREMENT

The Columbia College immunization policy does not affect admission to the College nor initial enrollment in the Day Campus. However, new Day Campus students must submit a completed Columbia College Medical History form and show proof of two vaccinations for measles, mumps and rubella (MMR), and, if indicated, the meningococcal meningitis vaccine and tuberculosis screening (PPD). Failure to submit this information within the first semester of attendance will affect subsequent enrollment.

COLUMBIA COLLEGE ALUMNI ASSOCIATION (CCAA) LIFELONG LEARNING GRANT

Students who have an associate or baccalaureate degree from Columbia College may be eligible to receive the CCAA Lifelong Learning Grant. Eligible students may enroll in one course free of charge if five years have elapsed since receiving their degree, they owe no fees, and are not in default on federal aid loans.

Students may enroll for credit or as auditors in courses being offered during the regularly scheduled semesters or sessions, provided space is available and course prerequisites are met. **This grant cannot be used for graduate-level or Online courses.**

Students are required to pay lab fees and for textbooks associated with the courses.

Students are permitted to enroll in one free course in each subsequent five-year period but may not accumulate free courses.

Students must apply for admission to be eligible to register for a course. No application fee is required. CCAA Lifelong Learning applicants must also submit a Columbia College financial assistance application to Registration and Financial Services.

COURSE PREREQUISITES

Many courses have prerequisite/corequisite requirements. (See course descriptions pages 169-

231 for details regarding specific courses.) It is the student's responsibility to fulfill prerequisite requirements before enrolling in the respective course(s). Failure to meet these preliminary requirements will result in being dropped from the course(s).

ADULT HIGHER EDUCATION DIVISION

The moderately selective requirements for admission to the Day and Evening Programs on the main campus are not applicable to the Columbia College adult and higher education campuses. Students seeking to enroll through the AHE Division should apply for admission at the respective location. See page 18 for a map of the Nationwide Campuses.

ONLINE EDUCATION

The moderately selective requirements for admission to the Day and Evening Programs on the main campus are not applicable to the Columbia College online courses. Students seeking to enroll through the Online Campus should apply for admission via the College website at www.ccis.edu/apply/.

FINANCIAL AID AND SCHOLARSHIPS

FEDERAL AND STATE FINANCIAL AID AND SCHOLARSHIPS

Columbia College's financial aid program exists to make education affordable for all students who qualify. The College believes that if students desire to attend college they should not be prevented from doing so simply because they lack sufficient funds. Financial aid is not intended to cover all student expenses. While the primary financial responsibility for education rests with the students and their families, Columbia College is committed to helping students bridge the gap between the cost of a college education and what the student can afford to pay.

Financial aid is monetary assistance to help the student meet the expenses of attending college. Aid may be in the form of grants, student employment, loans, scholarships, types of outside assistance, or a combination thereof.

APPLYING FOR FEDERAL AND STATE FINANCIAL AID

To apply for federal and/or state financial assistance at Columbia College:

1. Complete an application for admission and submit the required one time non-refundable application fee to the Admissions Office (applies to first-time students only).
2. Complete the Free Application for Federal Student Aid (FAFSA), and indicate the Columbia College school code, **002456**. Completing the FAFSA electronically is recommended. Students may apply electronically by accessing the FAFSA through Columbia College's Financial Aid website, www.ccis.edu/financial-aid, or the Department of Education's website, www.fafsa.gov. Paper FAFSA applications may be obtained through the Federal Student Aid Information Center by calling 1-800-4-FED-AID. The FAFSA must be completed for each academic year.
 - a. The priority deadline for all financial aid is March 1 of the year the student plans to attend college (i.e. March 1, 2013 for 2013-2014 academic year.)
 - b. The deadline for Missouri state grant aid is April 1 of the year the student plans to attend college (i.e. April 1, 2013 for 2013-2014 academic year.)

- c. All returning students should have the 2013-2014 FAFSA completed and all other needed paperwork submitted by May 2013 to avoid registration delays for Fall 2013.
3. The Financial Aid Office corresponds with applicants primarily via email regarding the status of their financial aid application and award estimates. Notification of missing information will be sent to a student's CougarMail account, the email address assigned to each student by Columbia College.
4. Students who are interested in applying for additional assistance through federal Stafford loan programs should complete:
 - a. Entrance Counseling (first time Columbia College borrower only)
 - b. Stafford Loan Master Promissory Note (first time Columbia College borrower only)
 - c. Submission of eAward letter (see Notification of Financial Aid Status and Awards)

Students may access these forms in eServices under the Financial Aid Section.

5. Parents (for students who are deemed dependent according to federal financial aid guidelines) who are interested in applying for additional assistance for their student through Federal PLUS loan programs should complete:
 - a. PLUS loan data sheet
 - b. PLUS Master Promissory Note (first time Columbia College borrower only)

Parents may access these forms at <http://www.ccis.edu/offices/financialaid/parentforms.aspx>.

Students must reapply each year for all federal and state grants, loans, and student employment.

ELIGIBILITY FOR FEDERAL AND STATE FINANCIAL AID

To receive aid from the federal student aid programs, a student must meet certain criteria:

- U.S. citizenship or eligible non-citizen status.
- Pursuing a degree and enrolling in coursework required for the degree. If a student is considered non-degree seeking, they are not eligible for financial aid.
- Making Financial Aid satisfactory academic progress. (See financial aid standards of

academic progress.)

- Other eligibility factors that are identified based upon individual student circumstances as determined by the results of the Free Application for Federal Student Aid (FAFSA).
- The Financial Aid Office communicates what necessary documentation is needed to resolve the eligibility issues. This communication will be sent via CougarMail.
- Examples of eligibility issues include verification, selective service, citizenship, etc.

Effective with the 2012-13 award year, new students who do not have a high school diploma, or an equivalent such as a GED, and who did not complete secondary school in a homeschool setting are not eligible for Title IV funds. Additional acceptable equivalent options are:

- a certificate demonstrating that a student has passed a state-authorized examination (e.g., the California High School Proficiency Exam) that the state recognizes as the equivalent of a high school diploma
- an academic transcript of a student who has successfully completed at least a two-year program that is acceptable for full credit toward a bachelor's degree
- for a student who enrolls before completing high school, a transcript indicating the student has excelled in high school. The student must no longer be enrolled in high school, must satisfy your school's written policy for admitting such students, and must be starting a program that leads at least to an associate's degree or its equivalent.

However, students who were enrolled in an eligible educational program of study before July 1, 2012 may continue to be considered Title IV eligible under either the Ability to Benefit (ATB) test or credit hour standards under the 2011-12 regulations.

Full-time status is measured as enrollment in 12 hours or more per semester at Columbia College. Enrollment is determined after the add/drop period.

Federal and state aid programs have varying requirements of eligibility in terms of required enrollment; please see individual aid types for more information.

FINANCIAL AID SATISFACTORY ACADEMIC PROGRESS

According to United States Department of Education regulations and Missouri Department of Higher Education policy, all students applying for federal and/or state financial assistance (as well as some private, credit-based loans) must meet and maintain satisfactory academic progress in a degree program to receive funding.

Satisfactory academic progress is measured in terms of qualitative, quantitative, and maximum time standards. All prior course work is applied to these standards. The Financial Aid Office reviews the academic progress of financial aid recipients once per academic year in May.

QUALITATIVE MEASURE

The quality of a student's progress is measured by grade point average (cumulative GPA). The minimum cumulative GPA for Financial Aid recipients is the same as the academic standard for Columbia College:

Cumulative Hours	Minimum Cumulative Grade Point Average
0-30.9	1.75
31-45.9	1.90
46 or more	2.00
Graduate Program	3.00

QUANTITATIVE MEASURE

The quantity of a student's progress is measured by the Cumulative Completion Rate (hours earned divided by hours attempted). Students are required to complete 2/3 of attempted hours while at Columbia College. Students who receive an I (Incomplete), F (Failing), W (Withdrawing), or WE (Excused Withdrawal) for a course in a semester or session will have those courses included in the cumulative attempted hours (for definition of grades please see Academic Policies, Regulations, and Procedures). All courses are included in the Cumulative Completion Rate calculated. Please note the following:

Repeated courses add total hours attempted but not hours completed; the grade is simply replaced. The new grade is included in the cumulative calculation, which is considered when progress is again checked; therefore the

repeated course is included in both qualitative and quantitative calculations. Federal regulation allows for financial aid to pay for one retake of any previously passed course.

Withdrawals, including excused withdrawals, count toward hours attempted for the Cumulative Completion Rate.

Remedial, Enrichment and English as a Second Language courses count toward the Cumulative Completion Rate as well as cumulative GPA.

Pass/Fail courses count toward the Cumulative Completion Rate.

Audit courses do not count toward the Cumulative Completion Rate.

Transfer credit (including those received during consortium study) will count in the calculation of both cumulative attempted credit hours and cumulative completed credit hours. Transfer credit does not count toward the Cumulative Completion Rate. Transfer credit does not count in the calculation of GPA. Transfer credit does count toward Maximum Time Frame Measure.

MAXIMUM TIME FRAME MEASURE

Financial Aid recipients must complete an educational program within a time frame no longer than 150% of the published length of the educational program. For example, a student pursuing a bachelor's degree requiring 120 semester hours may attempt up to 180 hours before Financial Aid eligibility is suspended ($120 \times 150\% = 180$).

FINANCIAL AID SUSPENSION

Failure to meet the minimum academic progress requirements will result in Financial Aid Suspension. The first time a student fails to meet the minimum (quantitative or qualitative) requirement, he/she is placed on financial aid suspension. If placed on Financial Aid Suspension, notification will be sent to the student and all forms of Title IV federal and state aid will be withdrawn for the next terms in which the student enrolls. The Financial Aid Office will review the academic progress of financial aid recipients once per year in May. Notification of suspension is sent via email to a student's CougarMail address.

REINSTATEMENT

Financial Aid may be reinstated when one of the following conditions has been met:

- The student completes courses in one or more terms at Columbia College with the cumulative GPA and the cumulative completion rate at the required standard. **It is the student's responsibility to notify the Registration and Financial Services Office when reinstatement conditions have been met.**

OR

- The student files an appeal and, if approved, the student is placed on Financial Aid Appealed Probation. (See Appeal Procedure and Financial Aid Appealed Probation sections below).

It is the student's responsibility to notify the Registration and Financial Services office when reinstatement conditions have been met.

APPEAL PROCEDURE

Students who have been suspended from financial aid may make a written appeal for reinstatement of eligibility if extenuating circumstances have contributed to their inability to meet the requirements for satisfactory progress. Extenuating circumstances include, but are not limited to, the following:

- Death of an immediate family member
- Severe injury or illness of the student or an immediate family member
- Emergency situations such as fire or flood
- Legal separation from spouse or divorce
- Military reassignment or required job transfers or shift changes

Students who do not meet the above criteria and/or cannot thoroughly document such situations, must reestablish eligibility through reinstatement before any additional federal or state aid is disbursed.

Students who have extenuating circumstances may appeal using the following procedures:

1. Submit a completed appeal form online at <http://www.ccis.edu/financialaid/appeal.asp> (see Financial Aid Appeal Form)
2. The appeal is reviewed.
3. The student is notified in writing via CougarMail of the decision and recommendations. The decision is final and may not be appealed.

FINANCIAL AID APPEALED PROBATION

Financial Aid Appealed Probation is a status assigned to a student who fails to make satisfactory academic progress and:

- Has appealed and
- Has had aid eligibility reinstated

While on Financial Aid Appealed Probation, an academic plan for performance will be set and monitored. Minimum academic plan requirements for the semester are a completion rate of 66.67% and a cumulative GPA of 2.0.

The probationary conditions will continue each term until the student meets the minimum standard(s) or fails to meet the probationary conditions.

If the student does not make satisfactory progress or meet requirements of the academic plan by the end of the next term, the student loses eligibility for federal aid again.

DETERMINATION OF FEDERAL FINANCIAL AID AWARD

Financial need for federal and state aid is determined in the following manner:

Cost of Attendance (from August, 2012 to May, 2013) for students beginning enrollment in 2012-13:

Expense	On Campus	Off Campus
Tuition	\$17,950	\$17,950
Books	936	936
Room & Board	6,254	7,368
Transportation	2,664	2,664
Personal	5,644	5,644
TOTAL:	\$33,448	\$34,562

Financial Need: Cost of Attendance minus EFC (as determined by FAFSA)

Unmet need: Cost of Attendance minus EFC minus aid awarded.

Unmet cost: Cost of Attendance minus aid awarded (shown on electronic award notification).

Once the Expected Family Contribution (EFC) and financial need have been determined, the student's information will be reviewed. The student will be offered an aid package that may consist of grants, scholarships, outside assistance, loans and/or Federal Work-Study. A federal aid recipient's aid package may not exceed Cost of Attendance.

Students are responsible for reporting to the Registration and Financial Services office all assistance received from outside sources, as federal law requires that all outside assistance be considered as a part of the financial aid package. These types of assistance include such aid as Veteran's Benefits, outside scholarships, military or corporate tuition assistance, vocational rehabilitation or other state aid. Federal guidelines require that a

student not exceed the Cost of Attendance in the amount of aid they receive.

The maximum amount of institutional and endowed aid that can be awarded is tuition, room and board, as long as the aid (all types) is not over the cost of attendance. **Due to federal regulations, scholarship awards may be affected if you are receiving federal and/or state financial aid.**

A student's loan amount is determined as a part of the aid package. A student's loan eligibility is based on factors that include annual loan limits, unmet need, and federal aggregate limits. In addition, if a student has less than an academic year remaining in the degree program, the loan will be prorated, per federal guidelines.

A student who completes the academic requirements for a program but does not yet have the degree is not eligible for further federal aid for that program.

Federal Stafford Loan Annual Limits

Dependent Undergraduate	Subsidized	Total (Subsidized & Unsubsidized)
0-23.9 semester hours	\$3,500	\$5,500
24-51.9	4,500	6,500
52-83.9	5,500	7,500
84-120	5,500	7,500
120+	5,500	7,500

Independent Undergraduate	Subsidized	Total (Subsidized & Unsubsidized)
<i>(and dependents whose parents are unable to borrow under the PLUS program)</i>		
0-23.9 semester hours	\$3,500	\$ 9,500
24-51.9	4,500	10,500
52-83.9	5,500	12,500
84-120	5,500	12,500
120+	5,500	12,500

Aggregate Limits (Limit of all loans combined)

	Subsidized	Total (Subsidized & Unsubsidized)
Dependent Undergraduate	\$23,000	\$31,000 (no more than \$23,000 of which may be subsidized).
Independent Undergraduate	\$23,000	\$57,500 (no more than \$23,000 of which may be subsidized).

NOTIFICATION OF FINANCIAL AID STATUS AND AWARDS

College email addresses are assigned to all Columbia College applicants (see special academic facilities). The Financial Aid Office corresponds with students primarily via email regarding the status of their financial aid application and notification of financial aid estimated awards. Correspondence sent via email is not sent via postal mail. Students should check their college email on a regular basis and are responsible for information sent even when school is not in session.

Students may access their financial aid award estimate(s) through the eServices link on Columbia College's website at www.ccis.edu/eservices. The financial aid electronic award notifications and associated links in the notification discuss eligibility requirements and other important information. Students should carefully review their electronic award notifications and are responsible to read and understand all included information. Students should accept or decline the aid that is offered to them through the electronic award notification process. Students must provide documentation if they are receiving an outside form of financial assistance not listed in the award notification.

ATTENDANCE

Financial aid is awarded to a student with the expectation that the student attends school for the period for which the assistance is awarded. If a student does not begin attendance in all of his or her classes, the aid must be recalculated based on the actual attendance. Students who are not in attendance for the courses in which they enrolled are not eligible to receive financial aid.

AID DISBURSEMENT

A student's financial aid (except Federal Work-Study) is credited directly to his/her student account and applied to tuition, fees and housing costs each semester. Aid funds are credited for other charges with authorization from the student through the electronic award notification process. Federal Work-Study funds are paid in the form of a bi-weekly paycheck on the 15th and last workday of the month. Funds are paid for authorized hours worked.

When a student registers for courses, he/she may deduct the amount of aid that has been awarded (except Federal Work-Study) from what is

owed to the College. If a student's financial aid awards exceed his/her charges, the student will receive a refund. A student may use excess financial aid prior to the start of a term to purchase books by using a book voucher. Estimated refund dates are posted on the Financial Aid website under "Important Dates" and are available from the Registration and Financial Services office. If you are eligible for a book voucher contact Registration and Financial Services to obtain information.

To assist with expenses associated with attending Columbia College, students often receive funds from multiple sources that are to be used specifically (exclusively) for tuition. Funding beyond 100% of the tuition cost will not be returned to the student or applied to other expenses. These sources include, but are not limited to military/corporate tuition assistance, VA Educational Benefits, MyCAA, institutional aid, endowed aid and Employee Educational Grant (EGG)/Employee Graduate Educational Grant (GEG). The College will apply the non-institutional tuition-only funding sources first. Any excess funds remaining, after 100% of the tuition is paid, will be returned to the funding source and not the student.

RETURN OF TITLE IV FUNDS

This policy applies to students who complete 60% or less of the enrollment period (i.e., Fall, Spring or Summer session) for which they received Federal Title IV aid. A student who withdraws from a class but still completes one or more classes does not require a Return of Title IV calculation. The term "Title IV aid" refers to the following Federal financial aid programs: Unsubsidized Federal Stafford loans, Subsidized Federal Stafford loans, Federal Perkins loans, Federal PLUS (Parent) loans, Federal Pell Grants, Federal SEOG (Supplemental Educational Opportunity Grant) and Federal SSS (Student Support Services) Grant.

To conform to the policy, Columbia College must determine the student's withdrawal date. A student's withdrawal date is defined as the date of academic attendance as determined by the college's attendance records.

The calculation required determines a student's earned and unearned Title IV aid based on the percentage of the enrollment period completed by the student. The percentage of the period that the student remained enrolled is derived by dividing the number of days the student attended by the number of days in the period. Calendar days (including weekends) are used, but breaks of at least five days are

excluded from both the numerator and denominator.

Until a student has passed the 60% point of an enrollment period, only a portion of the student's aid has been earned. A student who remains in attendance beyond the 60% point is considered to have earned all awarded aid for the enrollment period.

The College's refund policy and return of Title IV Funds procedures are independent of one another. A student who withdraws may be required to return unearned aid and still owe the College for the course (see Fees section).

The responsibility to repay unearned Title IV aid is shared by Columbia College and the student. For example, the calculation may require Columbia College to return a portion of Federal funds to the Federal Title IV programs. In addition, the student may also be required to return funds based on the calculation. A student returns funds to the Federal Stafford Loan programs based on the terms and conditions of the promissory note of the loan. A student who receives a Federal Pell Grant may be required to repay 50% of the funds received. The return of Federal aid is in the following order: Federal Unsubsidized loans, Federal Subsidized loans, Federal Perkins loans, Federal PLUS loans, Federal Pell Grants, and Federal SEOG (Supplemental Educational Opportunity Grant).

A student who owes funds to a grant program is required to make payment of those funds within 45 days of being notified of the overpayment. During the 45-day period students remain eligible for Title IV funds. If no positive action is taken by the student within 45 days of being notified, Columbia College notifies the U.S. Department of Education of the student's overpayment situation. The student will no longer be eligible for Title IV funds until he/she enters into a satisfactory repayment agreement with the U.S. Department of Education.

During the 45-day period, the student can make full payment of the overpayment to Columbia College. The College will forward the payment to the U.S. Department of Education and the student will remain eligible for Title IV funds. If a student is enrolled in a future session within the 45-day period and has financial aid, the Financial Aid office may cover the student's overpayment with a student's upcoming disbursement of aid.

If a student is unable to pay the overpayment in full, he/she can set up a repayment plan with the U.S. Department of Education. Before doing so, the student should contact Registration and

Financial Services to confirm the situation has been referred to the U.S. Department of Education before any repayment plan can be arranged.

U.S. Department of Education
Student Financial Assistance Programs
P.O. Box 4222
Iowa City, IA 52245
Phone: 1-800-621-3115
Email: DCS_HELP@ed.gov.

For examples of the Return of Title IV Funds calculations or questions regarding the overpayment policy, please contact the Registration and Financial Services Office.

STUDY ABROAD PROGRAMS

Federal financial aid may be available for Study Abroad Programs. Information regarding individual eligibility is available from the Registration and Financial Services Office.

SCHOLARSHIPS, GRANTS AND AWARDS

Scholarships, awards and grants are forms of "gift" assistance that do not require repayment. These types of assistance usually come in one of two forms, institutional aid or endowed aid. Many scholarships for the Day campus at Columbia College are awarded on a competitive basis to students of high academic ability. Some awards are automatic based on specific criteria. Other scholarships, awards and grants are made available in recognition of performance or special talent. Endowed scholarships and awards are made available through the generous gifts of alumni and friends of Columbia College. These awards are competitive and are primarily based on academic performance. Generally, scholarships, awards and grants are non-need based forms of financial assistance.

Institutional aid is generally intended to be applied to the cost of tuition. Institutional aid is predominately awarded to degree seeking students working on their first undergraduate degree. A student that completes an associate's degree and continues to pursue their bachelor's degree is considered to still be working on their first degree.

Students are considered for competitive awards based on academic and qualitative information. Only full-time Day Campus students are

eligible to be considered for the following scholarships, grants and awards. Aid is awarded for two academic semesters starting with the first semester of Day Campus enrollment.

All institutional aid and endowed aid awarded to day students can only be used for the fall (August to December) and spring (January to May) 16-week semesters. The aid (to include scholarships, grants and awards) cannot be used for any summer session expenses.

The amount of institutional aid is limited to tuition, fees, on-campus room, on-campus board and textbooks purchased through a campus book voucher; the actual expense the aid is available to cover varies and is identified in the specific aid documentation. Students are automatically awarded the highest value scholarship earned unless otherwise requested by the recipient.

Scholarship recipients not receiving federal or state aid who also receive external private scholarships may receive the full value of the private scholarship unless otherwise stated by the organization giving the scholarship. Any fees incurred by the recipients (single room, phone charges, lab fees, etc.) will be deducted from the private scholarship. If the private scholarship is restricted to tuition, room and/or board, the recipient cannot receive a refund.

Any student receiving institutional aid is required to live on campus unless he/she is living in Boone County with a parent, is 22 years of age, or has completed 52 semester hours. Students receiving a room and board scholarship, award or grant must live on campus in order to receive the aid (cash value for this aid will not be issued to students).

Scholarships for non-transfer students are available for a maximum of a combined total of four consecutive years (one year initial award and three years renewal). Scholarships for transfer students are available for a maximum of four consecutive years (one year initial and three years renewal) dependant on the number of transfer hours associated with the initial award (see table 1).

The combined years are accumulated for any institutional or endowed scholarship and begin with the very first award; this means a student can only receive a maximum of four years of institutional/

endowed scholarships. Essentially, the "clock" begins with the first awarding of institutional aid and runs continuously for a period of up to four years.

See Individual Aid information for specific eligibility and renewal requirements.

RENEWAL

Scholarships, awards and grants are typically awarded and distributed over two consecutive semesters. Academic scholarships and awards are reviewed for renewal following the second semester. Awards made for students who are admitted for the spring semester will be reviewed for renewal in January of the following year.

Many awards require a minimum number of semester hours and or a minimum cumulative grade point average (GPA) as a condition of renewal. The semester hours and cumulative GPA are determined from Columbia College courses only.

If a student has not earned the minimum semester hours required of the scholarship during the two semesters, summer courses may be taken at any Columbia College campus (within the same award year) to achieve the required total. Students enrolling in summer courses in order to meet renewal requirements must inform the Registration and Financial Services Office of the need to check their academic record in early August to determine if the renewal requirements have been met.

Columbia College aid is awarded based on an established set of criteria identified in the originating documents. Aid is typically awarded for a set amount of time: one term, one session, or one academic year. To receive the aid after the initial award, the student must meet established criteria or re-qualify for the award. If that criterion is not met, the aid is lost and will not be eligible for future reinstatement.

Reinstatement is not an issue when aid eligibility is the measure of qualification; when the student qualifies for the aid, they will receive the aid as identified in their award letter. This type of aid is not renewed; the student just qualifies for it again using the same qualifications as the original award. Examples of this type of aid include but are not limited to: Talent Award, Military Spouse Tuition Grant, Athletic Grant and Two-in-Family Grant.

Other forms of aid are automatically awarded when a set criteria is met for continuing the aid in the subsequent academic period. Examples of this type of aid include but are not limited to, the Keystone, Cornerstone and Capstone Scholarships. If the automatic renewal

criteria for these types of aid are not met, the aid is lost. For example, a student receives a Cornerstone Scholarship as an entering freshman. Following their freshman year, the student has a cumulative CC GPA of 2.8; they have failed to meet the renewal criteria for the scholarship and it is lost.

NOTE: The CC Scholarship and the Presidential Scholarship are exceptions to this policy.

ENDOWED SCHOLARSHIPS AND AWARDS

Students may benefit from awards and scholarships established through gifts and donations from private individuals, alumni, companies and/or foundations. Eligibility is based on criteria established by the donor and Columbia College. Criteria may include: academic achievement, intended major, community service, financial need or place of residence. A few of these scholarships and awards are included in this section of the catalog.

Boone County Endowed Award

New freshmen who are residents of Boone County with a minimum cumulative high school GPA of 3.1 or a GED score of 2800 (or equivalent) and a minimum ACT score of 22 (or SAT equivalent), may compete for these awards. New transfer students must have a cumulative GPA of 3.1 or higher to qualify for this award. One letter of recommendation is required from a leader of a community organization in which the student participates. Each year awards are made to new, full-time Day students, renewable annually for three years with a 2.5 Columbia College cumulative GPA.

Disciples of Christ Schiffman Supplementary Award

Disciples of Christ (Christian Church) members who are nominated by their ministers may be eligible for a supplementary award in varying amounts. This award is available to new, transfer, and returning students. This tuition-only award is renewable annually for up to three additional years with a 2.5 cumulative GPA and full-time status.

Honors and Awards Convocation

Columbia College recognizes the academic achievements of its students through the annual Honors and Awards Convocation. Eligibility for the awards is limited to full-time students with a cumulative grade point average of 3.0 or higher. These annual honors

or awards consist of gifts, certificates and/or monetary awards given to current students that returning the following academic year of their undergraduate program. Many of the awards are made possible by the generous philanthropy of alumni and friends of Columbia College. The monetary awards are applied to the student's institutional expenses for the upcoming academic year and are non-renewable.

INSTITUTIONAL SCHOLARSHIPS

All institutional aid is for tuition use only, unless otherwise identified.

GENERAL AID

The following forms of institutional aid are available to all Columbia College Day Campus students. Some forms of institutional aid may be combined to provide increased tuition assistance, but at no point can the combined value of the tuition-only assistance exceed 100% of the tuition cost. Any combinations resulting in a value in excess of 100 percent tuition will be capped at the 100 percent amount; the excess will not be applied to other institutional expenses nor refunded to the student.

A+ Program Grant

This grant is awarded to students who completed the Missouri A+ Program; this tuition-only grant is valued at up to \$2,500 annually. The actual award amount is determined by the Admissions Office upon receipt of all necessary transcripts. The grant is renewable for up to 3 additional years with full-time status and good academic standing.

Alumni Legacy Grant

Children of alumni who earned an associate, bachelors or master's degree at Columbia or Christian College are eligible for this 15 percent tuition-only grant. Grandchildren of alumni are eligible for a 10% tuition grant. This grant is renewable annually for three additional years with good academic standing.

Alumni Legacy Scholarship

Children of alumni who earned an associate, bachelors or master's degree at Columbia or Christian College are eligible for this 20 percent tuition-only scholarship. Grandchildren of alumni are eligible for a 15 percent tuition scholarship. Incoming freshmen recipients have a minimum 26 ACT (or equivalent

SAT) and a 3.5 high school grade point average or 3040 GED (or equivalent) to qualify for this scholarship; incoming transfer students have a minimum 3.3 cumulative college GPA to qualify for this scholarship. This scholarship is renewable annually for three additional years with 27 semester hours earned at Columbia College per academic year and a 3.3 Columbia College cumulative grade point average in Columbia College coursework. This tuition scholarship cannot be combined with the Alumni Legacy Grant, but can be combined with other tuition-only scholarships.

Alumni Referral Grant

New traditional day freshman or transfer applicants, who are formally referred to the Day Campus Admissions Office by an alumnus, are eligible for a \$500 tuition-only grant. The grant is automatically awarded, up to three additional years, with good academic standing and full-time status. Applicants receiving the Alumni Legacy Grant or Alumni Legacy Scholarship are not eligible for this grant.

Athletic Award

This grant is selectively awarded by the Athletic Department to student-athletes participating in one of the college's 10 NAIA Division I athletic programs. The value of the award is up to cost of tuition and room and board; the grant is renewable through the Athletic Department. Columbia College competes in NAIA Division I in men's and women's basketball, men's and women's soccer, men's and women's golf, men's and women's cross-country, women's volleyball and women's softball.

Capstone Scholarship

This 60 percent tuition-only scholarship is available to all students that have completed the initial eligibility requirements associated with their student status (incoming freshman, transfer student, international or current Columbia College student); the specific eligibility requirements are identified in the accompanying Stone Scholarship Eligibility Matrix (see table 1). All require a minimum 3.60 cumulative grade point average as part of the eligibility; incoming freshmen must also have an ACT \geq 28. The scholarship is renewable annually 2-3 additional years (see table 1) with a 3.6 cumulative GPA and 27 Columbia College semester hours earned per academic year.

Columbia College Alumni Association (CCAA) Lifelong Learning Grant

Previously known as the Warranted Degree Program, the grant is available to students that completed the highest undergraduate degree available at the time of graduation; for graduates of Christian Female College, this would be the associate degree and for graduates of Columbia College it is the bachelor's degree. Eligible students may enroll in one course, free of charge, if five years have elapsed since receiving their degree, they owe no fees, and they are not in default on federal loans. Students may enroll for credit or as auditors in courses being offered during the regularly scheduled semesters or sessions, provided space is available and course pre-requisites are met.

Students are required to pay lab fees and for textbooks associated with the courses. Students are permitted to enroll in one free course in each subsequent five-year period but may not accumulate free courses. Application for the CCAA Lifelong Learning Grant is to the Registration and Financial Services office after successful application to the college; no application fee is required. The CCAA Lifelong Learning Grant cannot be used for graduate-level courses or any online courses.

Cornerstone Scholarship

This 25 percent tuition-only scholarship is available to all students that have completed the initial eligibility requirements associated with their student status (incoming freshman, transfer student, international or current Columbia College student); the specific eligibility requirements are identified in the accompanying Stone Scholarship Eligibility Matrix (see table 1). All require a minimum 3.20 cumulative grade point average as part of the eligibility; incoming freshmen must also have an ACT \geq 24. The scholarship is renewable annually 2-3 additional years (see table 1) with a 3.2 cumulative GPA and 27 Columbia College semester hours earned per academic year.

Disciples of Christ Pastoral Award

Disciples of Christ (Christian Church) members who are nominated by their ministers are eligible for these \$1,000 tuition-only awards. This award is available to new, transfer and returning students at Columbia College. There is no limit per congregation. The award is renewable annually for up to three addi-

tional years with a 2.5 cumulative GPA and full-time status.

Keystone Scholarship

This 50 percent tuition-only scholarship is available to all students that have completed the initial eligibility requirements associated with their student status (incoming freshman, transfer student, international or current Columbia College student); the specific eligibility requirements are identified in the accompanying Stone Scholarship Eligibility Matrix (see table 1). All require a minimum 3.40 cumulative grade point average as part of the eligibility; incoming freshmen must also have an ACT \geq 26. The scholarship is renewable annually 2-3 additional years (see table 1) with a 3.4 cumulative GPA and 27 Columbia College semester hours earned per academic year.

Military Spouse Tuition Grant

The spouse of an active duty, guard or reserve servicemember of any U.S. military service is eligible for this 20 percent tuition grant for in-seat courses. To be eligible, a student must be able to show a valid military spouse I.D. or other documentation that confirms marriage to a military member. Eligibility must be renewed each academic year.

ROTC Award

ROTC scholarship recipients are eligible for this award of 100 percent of basic, double occupancy room charges. Ten awards are available each year. Eligibility for this award is automatically applied upon receipt and confirmation of the student's ROTC scholarship status by the appropriate ROTC department.

Silver Citizen Grant

Students 65 years of age or older are eligible for the Silver Citizen Grant which is a 50 percent tuition-only grant. Students must be at least 65 years of age before the start of the term in order for the grant to be applied. Students must apply for the grant each academic year by completing the Institutional Aid Application available online.

Study Abroad Scholarship

Current full-time sophomores and juniors who are planning to attend an approved study abroad program may be eligible for a study abroad scholarship of varying amounts; application is completed through the Study Abroad program coordinator. Students

must have 3.2 cumulative GPA and at least 24 semester hours of coursework at Columbia College. A 300-500 word essay explaining their interest and goals studying abroad is required.

Students receiving an award must agree to be a Columbia College Study Abroad Ambassador while they are studying abroad and following their return. During their experience, award recipients must document their experiences, such as through a journal, blog or photos that could be posted on the Columbia College Study Abroad website. Following their return, recipients will be expected to work a minimum number of hours for the Study Abroad Coordinator helping promote Study Abroad to other students. The number of hours of service required is contingent on the size of the award received.

Students must return to Columbia College for at least one semester immediately following their experience.

Talent Awards and Grants

Students with talent in such areas as art, music and athletics are eligible to compete for these awards/grants. The department chairs/directors determine awards/grants, which vary in amount. Contact the Admissions Office for more information.

Two-in-Family Grant

Full-time students with an immediate family member enrolled full-time at Columbia College are eligible. The tuition grant is worth \$500 per year, per Day Campus student. To verify eligibility, the student must apply for the grant each academic year using the Institutional Aid Application available online or through Registration and Financial Services.

Veteran's Grant

Former U.S. military personnel are eligible for this non-renewable grant. The tuition grant is available for \$200 for each six months of active service (maximum \$800). Students must apply for the grant through Institutional Aid Application available online or through the Ousley Family Veterans Service Center.

Stone Scholarship Eligibility Matrix

Table 1

	Freshman Student	Current Student (≥ 27 CC hrs.)	Transfer Student** (<24 transfer hrs.)	Transfer Student** (≥ 24 transfer hrs.)	International Student***
Capstone (60% Tuition) Initial Award*	High School GPA ≥ 3.60 And Composite ACT ≥ 28	CC GPA ≥ 3.60	High School GPA ≥ 3.60 and transfer GPA ≥ 3.60	Transfer GPA ≥ 3.60	Calculated GPA ≥ 3.60 and EPS ≥ 3
Keystone (50% Tuition) Initial Award*	High School GPA ≥ 3.40 And Composite ACT ≥ 26	CC GPA ≥ 3.40	High School GPA ≥ 3.40 and transfer GPA ≥ 3.40	Transfer GPA ≥ 3.40	Calculated GPA ≥ 3.40 and EPS ≥ 2
Cornerstone (25% Tuition) Initial Award*	High School GPA ≥ 3.20 And Composite ACT ≥ 24	CC GPA ≥ 3.20	High School GPA ≥ 3.20 and transfer GPA ≥ 3.20	Transfer GPA ≥ 3.20	Calculated GPA ≥ 3.20 and EPS ≥ 1
Annual Credit Hrs. for Renewal	27 Columbia College hours				
Renewal CC GPA*	Capstone ≥ 3.60 Keystone ≥ 3.40 Cornerstone ≥ 3.20				
Maximum Number of RENEWALS	3	2	3	2	3

* All grade point averages (GPA's) are cumulative; equivalent SAT scores are acceptable.

** Includes students transferring from other Columbia College campuses

*** Calculated GPA is a conversion of the international grades to the standard 4.0 scale; the English Proficiency Score (EPS) is a standardized value based on the corresponding TOEFL or IELTS value (see Table 2 below).

ENGLISH PROFICIENCY SCORE (EPS)

Table 2

EPS	iBT TOEFL	PBT TOEFL	IELTS
3	≥ 90	≥ 607	≥ 7.5
2	≥ 75	≥ 550	≥ 6.5
1	≥ 71	≥ 533	≥ 6.0
0	< 71	< 533	< 6.0

iBT – internet based test PBT – paper based test

FRESHMAN AID

The following forms of institutional aid are available to incoming freshman students.

Columbia College Scholarship

Five students are selected at Scholarship Days to receive the college's most prestigious scholarship which includes full tuition, and on-campus room and board. New freshman applicants with a minimum 3.5 high school GPA and minimum 26 ACT (or equivalent SAT) are eligible to compete at Scholarship Days for this scholarship. To participate in Scholarship Days, applicants must complete the admission process and submit two letters of recommendation and a résumé of school/community activities. Scholarship Days activities include a written essay and an interview with Columbia College faculty members and administrators. The scholarship is renewable annually for three additional years with a 3.6 cumulative GPA and 30 semester hours earned at Columbia College per academic year.

The Columbia College Scholarship is coordinated with federal and/or state need-based aid. In no case will the student receive less than tuition, room and board as a total aid package.

Columbia College Scholarship recipients not receiving federal or state need-based aid who also receive external private scholarships may receive the full value of the private scholarship unless otherwise stated by the organization giving the scholarship. Any fees incurred by the recipient (single room, phone charges, lab fees, etc.) will be deducted from the private scholarship. If the scholarship is payable to the College only, or if the scholarship is restricted (e.g., books only) the recipient cannot receive a refund.

Recipients of the Columbia College Scholarship who receive Resident Assistant Award may receive up to \$400/per semester book voucher.

IB Diploma Scholarship

New freshman students who have completed a recognized International Baccalaureate (IB) diploma program with satisfactory marks are eligible for this automatic tuition-only scholarship for up to \$4,000. Satisfactory marks are defined as those greater than or equal to scores that will transfer in as Columbia College credit. This scholarship is renewable annually for three years with a 3.2 Columbia College cumulative grade point average and 27 Columbia College semester hours earned per academic year. This award is subject to the Admissions institutional aid cap policy.

Leadership Award

New freshmen who demonstrate leadership in high school and/or community activities are eligible to compete for these awards which vary up to \$2,000. The award is renewable annually for three additional years with participation in leadership development activities, including involvement in a minimum of two campus organizations. This award is subject to the Admissions institutional aid cap policy.

Midwest Student Exchange Grant

Columbia College is a participating institution in the Midwest Student Exchange Program. Students who are residents of Indiana, Illinois, Kansas, Michigan, Minnesota, Nebraska, North Dakota and Wisconsin receive a 10 percent tuition-only grant upon admission to the College. This grant is renewable annually for three additional years with good academic standing.

Presidential Scholarship

Five students are selected annually at Scholarship Days to receive this full tuition-only scholarship. New freshman applicants with a minimum 3.5 cumulative high school GPA (GED equivalent) and a minimum 26 ACT (or equivalent SAT) are eligible to compete for this scholarship. This scholarship is renewable annually for three additional years with a 3.6 cumulative GPA and 30 semester hours earned at Columbia College per academic year. Recipients of Presidential Scholarship who receive Resident Assistant aid may receive up to \$400 per semester book voucher.

Valedictorian/Salutatorian Scholarship

New freshman applicants ranked first or second in their high school graduating class are awarded a

\$1,000 non-renewable tuition-only scholarship. In situations where high schools do not formally rank students, if a rank can be obtained from the appropriate high school guidance counselor, the Admissions Office will use that information to award the scholarship. Not applicable to home school students.

TRANSFER STUDENT AID

Students transferring to Columbia College from other colleges or universities are eligible for specific transfer student scholarships, awards and grants. NOTE: Transfer students who have attended only one semester at another institution, and have earned a 3.4 grade point average, are awarded any automatic scholarships, grants and awards using the incoming freshmen eligibility requirements.

Associate Degree Transfer Grant

Students who transfer directly to Columbia College from a community college who have earned an associate degree with a minimum 2.0 cumulative GPA are awarded this non-renewable \$1,000 grant. Phi Theta Kappa, Cornerstone, Keystone and Capstone Scholarship recipients are not eligible for this grant.

Phi Theta Kappa Honor Scholarship

New transfer students who are Phi Theta Kappa members may compete for this 100 percent tuition-only scholarship. Applicants must be transferring to Columbia College from a community college with an Associate in Arts or an Associate in Science degree or at least 60 transferable semester hours with a 3.6 cumulative grade point average. The scholarship is renewable for one year with a 3.6 cumulative Columbia College grade point average and 30 semester hours earned at Columbia College.

Phi Theta Kappa Scholarship

This \$500 annual tuition-only scholarship is awarded to Phi Theta Kappa members who transfer from a community college who have earned an Associate in Arts or Associate in Science degree or 60 transferable semester hours with a 3.6 GPA from the transfer institution. This scholarship is renewable for one year with a 3.4 cumulative Columbia College GPA per academic year.

INTERNATIONAL STUDENT AID

ESOL Tuition Grant

A 15 percent tuition-only grant is available to full-time English as a Second or Other Language (ESOL) new freshmen or transfer students enrolled in at least 9 semester hours of the following courses: ESOL 100, ESOL 101, ESOL 102, ESOL 103, ESOL 104 or ESOL 105. The grant is awarded to students who are new to Columbia College and is applied during the first two semesters the student is enrolled in the ESL sequence. This grant is not renewable.

International Student Grant

New freshmen or transfer students who attend Columbia College from universities or colleges that maintain an active exchange agreement with Columbia College receive a 20% tuition grant upon admission to the College. This grant is renewable annually for three additional years with good academic standing. Students from Kongju National University (South Korea) and National University of Kaohsiung (Taiwan) currently receive this award.

STUDENT EMPLOYMENT

Federal College Work-Study Program

This federal program provides funding for employment for students who demonstrate financial need according to the results of their FAFSA. Students work either on or off campus earning minimum wage or above. Work-study-eligible students are not guaranteed employment. Student must meet all federal aid eligibility. Students cannot exceed their student employment award. Information regarding open positions and application process is available from the Student Employment Coordinator.

College Work Program

This institutional program provides funding for jobs for student employment. Students work on campus earning minimum wage or above. Work Program eligible students are not guaranteed employment. Students must meet and continue making satisfactory academic progress for employment eligibility. Students must be enrolled as a degree-seeking student and attending at least part-time. If a student should withdraw from all classes, the student is no longer eligible for employment. Students cannot exceed their student employment award. Information

regarding open positions and application process is available from the Student Employment Coordinator.

STIPENDS

This institutional program provides funding for jobs for student employment. Students work on campus earning a set amount based on stipend program. Students must complete all stipend requirements to earn the set amount of funds. Students must be enrolled as degree-seeking and attending at least part time. If a student should withdraw from all classes, the student is no longer eligible for employment. Columbia College has various stipends available to students including athletic trainers, Emerging leaders, etc. Information regarding stipend options is available from the Student Employment Coordinator.

STATE FINANCIAL AID

Access Missouri

This grant is available to residents of Missouri, based on financial need. Application is made by completing the FAFSA before April 1 (the spring before the academic year begins). Students must be enrolled full-time at Columbia College to be eligible. Enrollment at other institutions may not be used to determine full-time enrollment for state aid. Amounts vary. Awards are made in an estimated status; awards become official after the add/drop period has ended, full-time enrollment is verified, and Columbia College receives the funding from the state. Renewal students must maintain a cumulative GPA of at least 2.5 as well as satisfactory academic progress based on quantitative measure and maximum time frame (see financial aid standards of academic progress). Renewal is not automatic; renewal is based on financial need and FAFSA application being completed before April 1 (the spring before the academic year begins). A student may not receive Access for more than 10 semesters.

Bright Flight Scholarship

Students who are Missouri high school graduates who scored in the top 3 percent of Missouri students on the ACT or SAT are eligible for this scholarship. The Missouri Department of Higher Education awards the scholarship. To apply, contact the State of Missouri Department of Higher Education, high school guidance counselors or the Registration and Financial Services Office at Columbia College.

Renewable for four years with full-time enrollment and must maintain a cumulative GPA of at

least 2.5 as well as satisfactory academic progress based on quantitative measure and maximum time frame (see financial aid standards of academic progress).

Missouri Teacher Education Scholarship

This scholarship is available to entering freshmen who rank in the top 15% of their class or on the ACT/SAT and intend to pursue teacher certification. Columbia College matches the \$1,000 awarded by the State of Missouri. Scholarship applications may be obtained from the Missouri Department of Elementary and Secondary Education's website: <http://dese.mo.gov/ppc/grants>. Application deadline is February 15.

Missouri Minority Teacher Education Scholarship

This scholarship is available to minority students who rank in the top 25% of their class or on the ACT/SAT and intend to pursue teacher certification. Columbia College matches the \$1,000 award by the State of Missouri. Applications are available from high school counselors or the Missouri Department of Elementary and Secondary Education. Scholarship applications may be obtained from the Missouri Department of Elementary and Secondary Education's website: <http://dese.mo.gov/ppc/grants>. Application deadline is June 1.

ROTC Scholarship

Students who are interested in Army, Navy, or Air Force ROTC programs are eligible for this scholarship. The award provides \$150 monthly and supplies funding for tuition (in varying amounts), books and fees. Two- and three-year scholarships are available. Contact the Admissions Office.

FEDERAL FINANCIAL AID

Pell Grant

The Federal Pell Grant is available to undergraduate students and ranges from \$555 to \$5,550 per academic year, based on the financial need of the student. Pell grants are awarded based on full-time enrollment. A student may be eligible for the Pell Grant with less than full-time enrollment depending on student's award. Students may not receive Pell at more than one school at a time. Pell Grant recipients are limited to six scheduled awards (maximum amount for full-time enrollment for a full academic year).

Iran and Afghanistan Service Grant

This is a grant for students who are not eligible for a Pell grant whose parent or guardian died as a result of military service in Iraq or Afghanistan after 9/11/01. Students must be, at the time of the parent's or guardian's death, less than 24 years old or

enrolled at least part-time at an institution of higher education. The amount is the same as Pell Grant amount and is adjusted for less than full-time enrollment.

PLUS Loan Program

This is an unsubsidized loan made to parents and must be repaid. This loan is a credit-based loan. Student must be enrolled at least half time to be eligible for PLUS loan disbursement. PLUS loans may be available up to unmet cost (see Determination of Federal Financial Aid Award). Interest rate is 7.9%. Parent must complete PLUS loan data sheet and PLUS master promissory note for loan to be certified. Parent also must be approved through a credit check for loan to be processed.

If a student's parents do not qualify for a PLUS loan, the student may be eligible for additional Stafford loans (See Federal Stafford Loan Annual Limits).

Stafford Loan Program

This program provides to students subsidized and/or unsubsidized loans; this aid must be repaid with interest. Loan award amounts depend on various factors (see Determination of Federal Financial Aid Award). Interest rate is 3.4% for subsidized loans and 6.8% for unsubsidized loans. Students must complete Stafford loan entrance loan counseling, Stafford Loan master promissory note, and submission of eAward for loan to be certified. Students must be enrolled at least half time to be eligible for loan disbursement.

- Subsidized Stafford Loan is need based. The US Department of Education pays the interest while a student is in school at least half time, during a period of deferment.
- Unsubsidized Stafford loans are available for students who do not have financial need and for amounts beyond subsidized loan limit for some students. The US Department of Education does not pay interest on unsubsidized loans.

Supplemental Educational Opportunity Grant (SEOG)

SEOG is a grant available for undergraduates, based on the financial need of the student. To be eligible students must be receiving Pell. Columbia College is only given a limited amount of funding for SEOG. Awards are no longer made after funds have been expended. To increase possibility of being awarded SEOG, students must submit their FAFSA with Columbia College's school code prior to March 1 (the spring before the academic year begins). Student must be enrolled to be eligible for SEOG. Any unexpended SEOG funds will be allocated to various students with exceptional need at the end of the academic year. SEOG awards range

from \$100 to \$4,000; the average award is \$1,000.

OUTSIDE SOURCES

Alternative Loan Program

Students who do not have federal loan eligibility may apply for an alternative loan. These loans are credit based. Information is available on the financial aid website

Vocational Rehabilitation Benefits

Students with physical or mental disabilities may be eligible to receive benefits from the Department of Vocational Rehabilitation. Assistance may include counseling; training for vocational, technical or professional employment; and funding for books, supplies, maintenance, medical services and transportation. To apply, students should contact the regional Department of Vocational Rehabilitation. Missouri residents may write to the Division of Vocational Rehabilitation, Jefferson City, MO 65101.

War Orphans or Armed Services Benefits

If students are dependents of veterans who died or were permanently disabled as a result of military duty, are between the ages of 18 and 26, and are enrolled on a full-time basis, they may be eligible for educational benefits. Students may contact their regional Veteran's Administration office or the Veterans Coordinator, Columbia College, (573) 875-7504.

GI Educational Benefits

Columbia College is approved for enrollment certification of students eligible to receive educational assistance (GI Bill) from the U.S. Department of Veterans Affairs (DVA). Eligibility requirements vary for veterans education benefit programs. For additional information and application materials, contact the Columbia College Veterans Certifying Official, (573) 875-7504, vacert@ccis.edu.

Job Training Partnership Act (JTPA)

Students may be eligible to receive benefits from JTPA. Assistance may include counseling; training for vocational, technical or professional employment; and funding for tuition and books. To apply, contact the local Work Connections Office.

STUDY ABROAD PROGRAMS

Federal financial aid may be available for Study Abroad Programs. Information regarding individual eligibility is available from the Registration and Financial Services Office.

COURSEWORK AT OTHER COLLEGES

A student may be eligible to receive financial aid for courses that apply to the student's degree that the student enrolls in at another school. A student may complete a Consortium Permission Request form and submit it to Registration and Financial Services (RFS) to be reviewed for eligibility. The form must be received in RFS at least three weeks before the course at the other college begins. For more information, contact RFS.

COLUMBIA COLLEGE ALUMNI ASSOCIATION (CCAA) LIFETIME LEARNING GRANT

Students who have an associate or baccalaureate degree from Columbia College may be eligible to receive the CCAA Lifetime Learning Grant. Eligible students may enroll in one course free of charge if five years have elapsed since receiving their degree, they owe no fees, and are not in default on federal aid loans.

Students may enroll for credit or as auditors in courses being offered during the regularly scheduled semesters or sessions, provided space is available and course prerequisites are met. **This grant cannot be used for graduate-level or online education courses.**

Students are required to pay lab fees and textbooks associated with the courses.

Students are permitted to enroll in one free course in each subsequent five-year period but may not accumulate free courses.

Students must apply for admission to be eligible to register for a warranted degree course, and no application fee is required. Warranted Degree applicants must also submit a Columbia College financial assistance application to Registration and Financial Services.

FINANCIAL AID INFORMATION

If you have any questions about the College's financial aid program, call the Registration and Financial Services Office for assistance at (573) 875-7390.

Additional financial aid information is available at the Columbia College web site: www.ccis.edu

FEES

Basic fees for 2012-2013 are explained below. Fees are reviewed on an annual basis and are subject to change without notice.

FULL-TIME STUDENTS (12 - 18 semester hours)

Fees per year:

Step Tuition Tier	Full Time Day Students First Starting	2011-12	2012-13	2013-14
		2011	Jan. 2012 or before	\$16,532
2012	Aug. 2012 or after		\$17,950	
2013	Aug. 2013 or after			\$19,386

Room and Board – campus resident:

Room.....	\$3,892
(Hughes Haven Room.....	\$4,092)
(Cougar Village.....	\$4,392)
20 Meal Plan	\$2,362
14 Meal Plan	\$2,228

Each semester's fees are due in full at the time of registration. Arrangements may be made to use a deferred payment plan (refer to deferred payment plan section).

PART-TIME STUDENTS (11.9 or fewer semester hours)

Tuition (per semester hour) (greater than six\$ 562
hours and less than twelve hours)

Tuition (per semester hour) (six or less hours).....\$ 386

OTHER FEES

Application Fee.....	\$ 35
Audit Fee (per semester hour).....	\$ 90
Credit for Prior Learning Assessment Fee (per semester hour).....	\$ 75
Deferred Payment Plan fee (four installments).....	\$ 75
Graduate Tuition Seat-Based (per semester hour)	
MAT	\$ 305
MBA.....	\$ 320
MSCJ.....	\$ 320
Graduate Tuition Online (per semester hour)	
MAMS.....	\$ 340
MAT	\$ 325
MBA.....	\$ 340
MSCJ.....	\$ 340
Graduation Fee	\$ 75
Health Insurance Plan (required for International Students in F-1 and F-2 status)	\$ 1,176*
Lab Fee (see course descriptions).....	\$30 - \$100
Late Registration Fee	\$ 35
Overload Fee (over 18 sem. hours) per sem. hr.....	\$ 354
Parking Fee (yearly).....	\$ 40-65
Returned Check Fee	\$ 25

Single Room Charge (per semester)	\$ 500
Summer School Evening Tuition (per sem. hour).....	\$ 205
Summer School Online Tuition (per sem. hour).....	\$ 240
Testing Fee/Standardized Tests (CLEP, ACT).....	\$ 20
Transcript.....	\$7.50

*Approximation-premiums adjusted annually.

EXPLANATION OF TUITION AND FEES

Tuition: The basic charge for general instructional, general institutional, student services, library and plant operations. Tuition covers but a portion of these costs, which also are supported by generous gifts, grants and endowment income.

Room and Board: Covers the cost of residence hall operations, repairs and maintenance, utilities, contractual food service operations, etc.

Part-time Student Tuition and Fees: Covers a portion of the expenditures listed above for full-time students.

Audit Fee Per Semester Hour: A reduced rate of tuition designed for students and members of the community who merely wish to take a course without credit. The audit fee per semester hour enables an undergraduate to sit in on as many class periods as the student desires in any lecture course on the campus. Prior permission of the instructor is required and students will participate to the extent determined by the instructor. Audit students will not receive a grade or credit for the course.

Late Registration Fee: A special handling charge for students who register after the prescribed period each semester. Students are encouraged to register early to avoid this charge.

Overload Fee: The full-time tuition at Columbia College is predicated on a certain number of courses, available classroom space and an average student semester hour load which permits graduation within eight semesters of full-time attendance. Students who enroll for more than 18 semester hours per semester are normally required to pay the additional per semester hour fee.

Transcript Fee: A charge for processing a request for a certified transcript copy and mailing to prospective employers and graduate schools.

Graduation Fee: A charge for graduation processing. This fee is charged to all students regardless of participation in a commencement ceremony.

FIXED-RATE TUITION PROGRAM

Beginning with the 2012-13 academic year, the Columbia College Day Campus tuition rate for new, full-time academic students is set to provide a fixed rate for the four consecutive academic years traditionally associated with baccalaureate degree completion. A student's fixed tuition rate is determined based on the first year of attendance in the Day Campus as a full-time (12 semester hours or more) student, beginning with the 2011-12 academic year. That year of first, full-time attendance is established as the student's "classification" year. Once established, a classification year never changes. Tuition rates are set by classification year.

Classification years can only be established with enrollment and the receipt of a transcribed grade in the fall or spring semester of the Day Campus; Columbia College students that attended the Day campus as a full-time student during the 2011-12 Academic Year, have their classification year established as 2011-12. All students attending the Day Campus as full-time students for the first time after January 2012 have their classification year established as the academic year of that enrollment. For example, a new, full-time student registering for the August 2012 (fall 2012) semester has a classification year of 2012-13. A new, full-time student registering for January 2013 (spring 2013) also has a classification year of 2012-13. Students who attended Columbia College prior to 2011-12, but did not attend Day Campus full-time during 2011-12, have their classification year established as the year they re-enter Columbia College as a full-time Day Campus student.

The tuition rates are fixed as to aid in a student's financial planning of their four years of college. The fixed rate policy also acknowledges the reality of life's interruptions that could extend the need to attend Columbia College beyond the four years. The fixed rate is held for the classification year plus the next four academic years, in essence giving students up to five consecutive years at their initial fixed tuition rate. With this added semester (or two semesters, depending on your starting semester) of the fixed tuition rate, no exceptions will be made to extend the initial classification

tuition rate beyond the fifth consecutive academic year. Once the initial period of the fixed-rate tuition is exceeded, the student will transition to the lowest fixed tuition rate available for the current academic year. This rate will change with each succeeding year. Should a student leave the Day Campus and/or become a part-time Day Campus student, the student's classification year will remain unchanged. If the student returns to the Day Campus full-time, they will continue at the rate associated with their classification year.

POLICIES ON PAYMENTS, CREDITS, AND REFUNDS

When a student is accepted for admission, the student, parents, or guardians accept Columbia College's payment conditions. If any part or all of a financial aid package is reduced or eliminated, the balance created by the change is payable immediately. Degrees, transcripts, and letters of honorable separation are withheld from students who have not settled their financial obligations to the college, including, if applicable, all collection fees, attorney fees and court costs.

A student account that remains unpaid at the end of the semester may be submitted to an outside agency or attorney for collection assistance. The standard collection charge can exceed 50% of the original amount owed. This charge will be added to the principal balance of the student's account to cover collection agency and/or attorney fees.

All students who have move or changed addresses in the past year should update changes through eServices. The link to this form is called "Address Change" and is located in the "My Information" section of the eServices main menu.

No student may complete registration for any subsequent term if an unpaid balance remains on account or if payments are not current on existing deferred payment arrangements.

Upon receipt of a letter of acceptance from the Admissions Office, a deposit of \$100 is required by May 1 before the fall semester of initial enrollment or by December 15 prior to the Spring semester of initial enrollment. The deposit is non-refundable after May 1 or December 15 respectively. This deposit is applied to the student's semester charges and assures the privilege of pre-registration for classes offered the succeeding semester. If housing contracts are returned with the deposit, room is also assured.

Refunds are processed weekly based on finan-

cial aid procedures or when a student has excess payments or financial aid. There are no expedited or emergency refunds.

PAYMENT

Upon registration, all students are required to pay the entire balance of their accounts (after financial aid awards are considered) by either full payment or through the deferred payment plan. A \$35 late registration fee is charged to all students registering on or after the first day of classes.

DEFERRED PAYMENT PLANS

If a student needs to pay educational expenses over a period of time, a deferred payment plan may be requested.

The college offers various plans that allow payments to be deferred over four to six installments. Each plan has different terms, payment due dates and fees. The terms are provided upon enrollment in a payment plan. Payment plans offered are subject to change at any time without notice.

ADD/DROP FROM INDIVIDUAL COURSES

Financial liability for the semester is assessed from the time of initial enrollment in the course(s). If students add courses and this creates an overload for the semester, additional overload tuition fees are assessed and are payable at the time of registration for the overload.

Day students may drop a course(s) through Monday of the second week of the semester without financial liability (not applicable to total withdrawal).

CANCELLATION OF REGISTRATION

All financial charges are dropped if written notification of registration cancellation is received by the Registration and Financial Services Office prior to the first day of classes. Deposits are nonrefundable after May 1 before the fall of initial enrollment, or December 15 before the Spring of initial enrollment.

TOTAL WITHDRAWAL FROM COLLEGE

After classes begin, tuition and room charges are determined as follows if the student completes the total withdrawal process from Columbia College:

Time Frame

(count all days, including weekends):
1st day of class through Monday
of the 2nd week of classes

	<u>Charge</u>
Full-time Student	\$250
Part-time Student	\$100
Tuesday of 2nd week of class through the 14th day of semester	20% of original charges
15th through 21st day of semester	40% of original charges
22nd through 28th day of semester	60% of original charges
After the 28th day of semester	100% of original charges

Students wishing to withdraw totally from classes must see the Dean for Student Affairs to complete the withdrawal process. If a student is removed from the residence hall, tuition and room charges are reduced according to the schedule listed above. Board charges are reduced at the rate charged per day for the days remaining.

Students receiving financial assistance should be aware that their financial aid package could be affected should they elect to drop/withdraw from a course(s). Students who receive any form of federal Title IV assistance and who withdraw may be required by federal regulations to return some or all of the federal aid received. This includes the federal Pell and SEOG grants, and the Stafford and PLUS loans. See the Financial Aid portion of the College catalog for additional information.

The \$100 deposit is nonrefundable after May 1 before the fall of initial enrollment or December 15 before the Spring of initial enrollment and no reduction of charges will be made for laboratory/course fees, etc.

Some students must withdraw from all courses enrolled due to unforeseen, unexpected circumstances beyond a student's control that prevent continued attendance in all classes (death of an immediate family member; certain changes in the student's employment, and mental or physical illness befalling the student or member of his/her immediate family). Mere inconvenience, discomfort with the academic workload or changes in employment are not sufficient to meet the definition of extraordinary, mitigating or extenuating circumstances. Columbia College

will assist students who must withdraw due to extraordinary circumstances with options regarding the proration of tuition, room and board. Columbia College reserves the right to require additional documentation and/or supporting evidence any time a refund or partial refund is requested by a student.

A student who withdraws for extraordinary circumstances, even with the College's concurrence, may still be required to return some, or all of the federal financial assistance received for that term. The College follows the federal guidelines concerning return of Title IV funds, and does not have any authority to waive the rules regarding the return of federal assistance, even in extraordinary circumstances.

Columbia College recognizes that individuals serving in National Guard or Reserve units may be in need of tuition refunds or credits if called to active service. Columbia College will assist students called to active military service with options regarding their registration in classes including, but not limited to, course work completion, tuition refunds or tuition credits.

FAILURE TO PAY

Timely payment of all tuition and fees is required to continue attendance at the College. If unforeseen circumstances occur that preclude timely payment, the Registration and Financial Services Office should be contacted to see if an alternative payment agreement can be arranged.

Failure to make initial payment for semester/session tuition have the following possible consequences:

- Course registration is invalidated.
- Course spaces may be given to other students.
- Campus services will not be available.

Failure to meet appropriate payment dates.

The total bill becomes due immediately. An administrative fee of \$35 will be charged for processing a late registration. Any collection or legal fees incurred in collecting an account will be the responsibility of the student/parent. The privilege of deferred payments in subsequent semesters may not be permitted.

Outstanding balance from a previous semester.

Until the balance is paid, the student will not be allowed to:

- Register for any subsequent semester.
- Obtain a transcript of academic work.
- Apply for a residence hall room.
- Participate in graduation ceremonies.

STUDENT AFFAIRS

INTERNATIONAL PROGRAMS

The International Programs office upholds the integrity of Columbia College through the integration and retention of international students. The staff serves as an advocate and liaison for international students at the college concerning interactions with federal, state and local agencies as well as campus constituents. The Director apprises students, faculty, staff and the administration on current global issues affecting international education. The staff disseminates information regarding changes in the United States immigration law to students and the campus community; advises students of their responsibilities to abide by these regulations governing their status; and assists students in achieving their goals within the context of the applicable laws and regulations. Information is also provided to students, faculty and staff on changes in institutional policies and practices affecting international education. Through effective and mandatory orientation activities, ongoing programming and communication, International Programs promotes an environment of cross-cultural awareness, tolerance and understanding in all aspects of campus life.

STUDY ABROAD PROGRAMS

Columbia College provides study abroad opportunities. Students are encouraged to explore opportunities to study outside the United States. The College is a member of the Missouri Study Abroad Intercollegiate Consortium (MOSAIC) and the Central College (IA) study abroad consortium. The College also offers a study tour to a different country each year. Dr. Brian Kessel, 207 St. Clair Hall, is the Study Abroad Advisor and advises students about the availability, value and academic appropriateness of these programs. Students may participate in study abroad programs offered by other institutions and providers. Any student participating in a program not sponsored by Columbia College must submit a Study Abroad Application to the Study Abroad Advisor.

To help defray costs to study abroad, students may apply for financial aid through the Columbia College Registration and Financial Services Office. Federal financial aid, such as the Pell Grant or student loans, can be used to help finance study abroad. A Study Abroad Award is available. Students who are interested in obtaining more information about these opportunities

should contact Dr. Brian Kessel, Study Abroad Advisor, at (573) 875-7625 or e-mail: bkessel@ccis.edu.

NEW STUDENT ORIENTATION

All entering day students, including transfer and part-time students, are required to participate in new student orientation sessions which are provided each semester. Orientation is intended to help students successfully begin their college careers by acquainting them with campus resources and with college personnel. It provides students with an opportunity to socialize with other new students and to take care of basic necessities before the start of classes. A group of carefully selected peers, called Community Consultants, assists new students. Orientation is developed and coordinated by the Director of Student Development.

HOUSING REQUIREMENT

All full-time freshmen and sophomore Day Campus students (those with fewer than fifty-two semester hours completed) must live on campus except:

- Married students;
- Single parent students;
- Students residing with parents in Boone County, Missouri, where such address has been established as the sole legal and permanent residence of parents;
- Students age 22 or older;
- Military veterans as defined by federal guidelines.

RESIDENCE HALLS

Columbia College residence halls are an integral part of the campus learning environment. The Residential Life program enriches the total college experience by providing a variety of opportunities that supplement the students' classroom experience. The residence hall program is designed to foster personal growth and development and to provide a successful experience in democratic living.

Residence halls range from modern and modular to charming and traditional. All halls contain lounges, recreation or game rooms, kitchenettes with microwave ovens, laundry rooms and com-

puter labs. Rooms are furnished with beds, dressers, desks and chairs.

Computer labs are provided in each of the residence halls. Each lab is equipped with personal computers networked to the campus computer system.

Students may bring computers for their room and access the campus computer network system, provided they have wireless capacity or ethernet cards.

Each residence hall has an Area Coordinator or Head Resident. Every Area Coordinator/Head Resident is assisted by student Resident Assistants (RAs). RAs are responsible for maintaining contact with students, providing assistance with problems and concerns, encouraging participation in activities, communicating policies and regulations and recording rule violations.

Every residence hall has its own governance structure. Officers are elected in the fall and activities are funded through Student Affairs and Student Government Association. Hall governments serve to provide social, recreational, cultural and educational activities and events for hall members.

Additional information about residence hall living is available in the Student Handbook and the Residence Hall Handbook.

BANKS HALL

Banks Hall is co-educational and houses 108 students in double rooms. Among its features are special study rooms on each floor, air-conditioning, hall baths and a spacious kitchen area.

HUGHES HALL

Hughes Hall houses 64 women in 32 double rooms. It is traditional in architecture with hardwood floors and a spacious parlor. The air-conditioned double-room suites are connected by full baths shared by four residents.

Hughes Haven is a special living environment, housing nine women, in the lower-level of Hughes Hall. Rooms are apartment style. A lottery is held every spring semester to determine who will live there the following academic year.

MILLER HALL

Miller Hall, a co-educational hall, is Columbia College's largest residence hall, housing 154 students in double-room suites connected by full baths. The modern three-story structure is air-conditioned and subdivided into four sections of living quarters, each section having its own lounge.

COUGAR VILLAGE

Cougar Village is a fourteen-apartment complex housing 56 students. Among its features are full kitchens and three or four bedrooms. All apartments are fully furnished. To live in Cougar Village, students must be at least sophomores and be in excellent standing with Residential Life. Selection occurs in the spring for the following year.

COMPUTER PURCHASE

Students who anticipate buying a computer for use at college are encouraged to purchase a standard laptop model through the Columbia College web site: <http://www.cdwg.com/columbiacollege>

FOOD SERVICES

The College offers two meal plan options: 1) a 20 meals per week plan; or 2) a 14 meals per week plan. All residential students must purchase a meal plan. Students can change their meal plan option up to the first day of class in the Student Affairs Office. Meals are served in Dulany Dining Hall. If students have a class conflict and cannot eat in the dining hall, they can request a sack lunch through the Student Affairs Office or use the value exchange option associated with their meal plan at Cougar Café in the Student Commons. There are limited hours when the value exchange option can be used.

Food service begins with dinner on the day the residence halls open and ends with dinner on the last day of scheduled final examinations each semester. Meals are also served to all students participating in orientation.

Students who live in a residence hall must have their student identification card scanned at the entrance of the dining hall or at check-out at Cougar Café in the Student Commons if using the value exchange option. Students who live off campus may contract for board only, pay for meals individually or purchase discounted meal tickets. Tickets for students' guests may be purchased at Dulany Dining Hall.

A student Food Advisory Committee meets throughout the school year with dining hall personnel to promote the best possible food service operation.

IMMUNIZATION POLICY

Columbia College policy requires that all newly admitted, readmitted or non-degree seeking students in the Day Program, and any person living in the residence halls, provide a completed Columbia College Medical History Form and show proof of required vaccinations.

The required immunizations are: two vaccinations for measles, mumps and rubella (MMR). The meningococcal meningitis vaccine is not required, but is highly recommended for students living in the residence halls. A signed waiver is required of students that are not immunized against meningococcal meningitis.

Tuberculosis screening is required for international students and students who have lived for two or more months in Asia, Africa, Central or South America or Eastern Europe.

A student will not be able to register and enroll for classes in subsequent semesters beyond the initial semester of enrollment if the health history form and documentation of required immunizations are not submitted. Please complete the appropriate statement of exemption if personal, religious beliefs or specific medical conditions preclude immunization. In the event of an outbreak, exempted persons will be asked to leave school.

It is recommended that students be immunized against other vaccine-preventable diseases such as tetanus, diphtheria, polio, chicken pox, hepatitis A and B and influenza.

STUDENT HEALTH SERVICES

The Student Health Center is located on the second floor of the Atkins-Holman Student Commons (AHSC, Room 206). Health services are available to all day and evening students, faculty and staff. The Student Health Center is a nurse practitioner-directed clinic that provides care for minor illnesses and injuries, health care counseling, health promotion and community referral services. Visits to the clinic are free; however, payment of lab work, most vaccines and referred physician visits are the client's responsibility.

ATHLETICS

Columbia College sponsors ten intercollegiate sports: volleyball, softball, cross-country, golf, soccer and basketball for women; basketball, cross-country, golf and soccer for men.

The College is a member of the American Midwest Conference (seven Missouri colleges, one Illinois college and two Arkansas colleges) and the National Association of Intercollegiate Athletics (NAIA).

Opportunities to participate are available to day campus students who meet the eligibility requirements as established by the NAIA, AMC, and Columbia College. Full-time currently enrolled

graduate students who completed or are completing their bachelor's degree in the Day Program may be eligible to participate.

The College also has an active intramural program that attracts spirited participation in activities such as flag football, basketball and softball.

In addition, the College sponsors various classes in physical recreation that vary with student interest and have included aerobics, tennis, volleyball, weight training and outdoor recreation.

Further information is available from the Student Affairs Office or Athletic Office.

RECREATION

The AHS Commons, Southwell Sports Complex, Southy Fitness Center, common areas and residence hall lounges are available for a variety of recreational activities. The Gene and Fran Koepke Fitness Center is located in Southy Building. It includes free weights, machine weights and cardio equipment. The courts at Southwell Sports Complex are available for basketball, tennis and volleyball. Other college facilities, such as Launer Auditorium, the Jane Froman Dance Studio, the Cougar Den, classrooms, Dulany Hall and the AHS Commons are available upon approval to any officially recognized student organization for meetings and programs. Reservations are made on a first-come, first-served basis. More information is available in the Student Affairs Office.

Recreational areas within the immediate region include Cosmo Park, Peace Park, Stephens Lake Park, Pinnacles Park, Arrow Rock and Rock Bridge Memorial State Park. The Lake of the Ozarks, a major tourist area, is sixty miles south of Columbia. St. Louis and Kansas City are each 125 miles from Columbia on Interstate 70.

Hours of Operation *

Gene and Fran Koepke Fitness Center and Southwell Building (Courts & Arena)

	<u>Open</u>	<u>Close</u>
Monday.....	6:00 a.m.	10:00 p.m.
Tuesday.....	6:00 a.m.	10:00 p.m.
Wednesday.....	6:00 a.m.	10:00 p.m.
Thursday.....	6:00 a.m.	10:00 p.m.
Friday.....	6:00 a.m.	8:00 p.m.
Saturday	11:00 a.m.....	8:00 p.m.
Sunday	11:00 a.m.....	8:00 p.m.

* Hours subject to change during breaks and holidays.

STUDENT DEVELOPMENT

The office of Student Development is located in AHSC 223. Aside from planning Orientation in the fall and spring semesters, the office also provides prevention and responsibility education and outreach. Throughout the year the office sponsors workshops and seminars that focus on personal development, wellness, diversity and leadership.

COUNSELING SERVICES

Counseling Services provides professional, confidential counseling to assist students with personal, developmental or psychological concerns related to their academic progress and/or personal growth. Counseling is short-term, solution-focused. For chronic mental health issues or those that may require more extensive counseling, referrals to community resources are provided. Students may seek assistance with issues such as: anxiety/panic, depression, stress and time management, relationships, conflict resolution, eating disorders, drug and alcohol abuse, attention difficulties, and more. Counseling sessions are available Monday through Friday by appointment. More information is available at www.ccis.edu/offices/studentaffairs/counseling/. If you have questions or would like to make an appointment, call Terri Zeilenga, director of Counseling Services at 573-875-7423.

CAREER SERVICES CENTER

The Career Center has trained personnel to assist students with all aspects of career planning and development. Specific services designed to promote professional and personal success include a carefully guided assessment of their skills, abilities, values, achievements and interests as aids to effective career planning; a library of information about occupations, corporations, agencies and government organizations; salary surveys; employment qualifications and employment trends; development and maintenance of placement documents; listings of full-time, part-time and summer employment opportunities and internships; and services for graduate and professional school placement. Programs are provided to inform and train the individual in such areas as interviewing, resume/cover-letter construction, job hunting and sourcing, networking, decision making and salary negotiation.

TESTING SERVICES

The Testing Center administers a variety of exams for Columbia College students, including: ADA Accommodated exams, Online Campus

Proctored Exams, Math and English Placement, CLEP, DSST (DANTES), CBASE, ESL and ACT Residual. The Testing Center is located in the Tenth Street Center, at 310 North 10th Street. For more information about services offered, visit www.ccis.edu/testing. Contact the center by phone at (573) 875-7485 or by e-mail at testingservices@ccis.edu.

STUDENT HANDBOOK

Every fall a new edition of the *Student Handbook* is published providing detailed information about all aspects of campus life. Copies are available in the Student Affairs Office and on the Columbia College website.

BOOKSTORE

The Campus bookstore, located on the main floor of the Student Commons, carries a wide range of textbooks, trade books, art supplies, study materials, college memorabilia, personal grooming products and snacks. Textbooks are available new, used and for select titles they are available for rent and digitally.

Textbooks for day, graduate, and evening on-campus courses are available for purchase a few weeks before classes begin. When obtainable, used texts are sold for 25% less than the cost of a new text. Rental textbooks for select titles are available for 55% less than the cost of a new text. Students can reserve textbooks online at: <http://ccis.bncollege.com> or whywaitforbooks.com.

Students may receive textbook refunds based on the policies listed below. No refunds will be issued without a valid receipt for all textbooks. Textbooks must be in the original condition.

REFUND POLICY:

For all courses a full refund will be given with a receipt if the textbook is returned within the first week of classes.

Textbooks must be in original condition, including all components in packages.

Merchandise other than textbooks may be refunded with a valid receipt within thirty days.

Merchandise must be in original condition, unopened with tags.

Refunds will be issued in the original form of payment.

The textbook buyback period is during finals week. This is the best time to sell back textbooks.

TI-83 calculators will not be considered for buyback.

BOOKSTORE HOURS:

The Bookstore hours are posted on the Bookstore door; on their website and available via phone greeting.

Contact Information:

Address: Columbia College Bookstore
Atkins-Holman Student Commons
1009 Rogers Street
Columbia, MO 65216

Phone Number: (573) 875-7341

FAX Number: (573) 442-0747

Email: ccis@bkstore.com

Website: <http://ccis.bncollege.com>

Facebook: [facebook.com/ColumbiaCollegeBookstore](https://www.facebook.com/ColumbiaCollegeBookstore)

STUDENTS WITH DISABILITIES

The Rehabilitation Act of 1973 (public law 93-112) section 504, provides that “no otherwise qualified disabled individual in the United States shall solely by reason of his/her disability, be excluded from participation in, be denied the benefits of, or be subject to discrimination under any program or activity receiving federal financial assistance.”

1. It is the student's responsibility to notify the institution of a disability that would require academic adjustments in accordance with the Americans with Disabilities Act (ADA) in section 504. To self-identify as a student with a disability, the student must register with the Coordinator of Disability Services. Although students are encouraged to discuss their needs with their instructors, registration with the Coordinator of Disability Services is necessary each semester or term in order to receive accommodations. All disabilities must be appropriately documented each semester or term.
2. While students are encouraged to self-identify at the earliest possible time, students may not know or choose to self-identify, but may still receive services at any time once they self-disclose and document.
3. Accommodations will be made in accordance with documented physical or mental impairment in the completion of course requirements and testing requirements. There is no waiver of degree or major requirements.
4. Students with disabilities have the right to have access and accommodation complaints addressed through a formal appeals procedure. Students wishing to file a grievance must complete the Disabilities Grievance Form in its entirety, attach a description of the circumstances leading to the complaint as directed on the

Disabilities Grievance Form, and submit both documents to the Student Affairs Office.

Disabilities Grievance Forms are available in the Student Affairs Office, the Academic Affairs Office, the ADA Coordinator's Office and the Administrative Services Office. The ADA Coordinator's office is located in AHSC 213.

MAIL SERVICES

Every full-time Day student living in a residence hall is assigned a campus mailbox. Students living off campus may request a mailbox by bringing your Columbia College student ID to Mail and Print Services (Room 15 on the Garden Level of St. Clair Hall) and completing a mailbox request form. Students keep the same mailbox throughout their enrollment at Columbia College. Mailboxes are located in the AHS Commons and all official campus mail is routed through the student's box. Students are responsible for all mail, publications, and notices placed in their box, including official correspondence from the College. No fee is charged for the mailbox.

Students may mail letters and packages from Mail and Print Services on the garden level of St. Clair Hall. The College's official address is Columbia College, 1001 Rogers Street, Columbia, Missouri 65216.

Mailcenter Hours:

Monday – Friday 8:00 a.m. – 5:00 p.m.

PARKING PERMITS

To assist in providing a safe and secure environment, all vehicles parking on Columbia College campus property must be registered with the Campus Safety Office. Parking permits must be **purchased online** by using the “Campus Safety” link found at the bottom of the Columbia College website (www.ccis.edu) or by going directly to the following online address: www.ccis.edu/parkingpermits. Once the application has been completed, a receipt must be printed and taken to Missouri Hall room 205 (Registration and Financial Services). The office staff will require the receipt and proof of identification to issue a parking permit “hangtag.”

RESIDENCE HALL COUNCIL ASSOCIATION (RHCA)

RHCA is composed of the officers of the residence halls and an advisor. It deals with concerns of resident students and coordinates planning and budgeting among the halls.

STUDENT ORGANIZATIONS

PUBLICATIONS

CougarLink, an activities calendar, is available online out of the Student Affairs Office and provides an overview of events planned on campus.

HONOR SOCIETIES

Alpha Chi

Missouri Epsilon chapter of the national honor society for four-year colleges and universities selects its members from junior and senior Day students of good character who rank in the top ten percent of their class based on cumulative GPA, have earned at least 24 semester hours at Columbia College, and are enrolled for coursework at the time of eligibility. Cord colors: green and blue.

Alpha Kappa Delta

Alpha Kappa Delta is an international sociology honor society. Membership is limited to sociology majors who have maintained high academic achievement in both their sociology coursework as well as their coursework overall (must maintain 3.0 cumulative GPA). Cord color: turquoise.

Alpha Lambda Delta

A national scholastic honorary that recognizes superior scholastic achievements by freshmen students during their first year at Columbia College. They select their members from students who rank in the top twenty percent of their class during their first term, have a 3.5 GPA, and are enrolled full-time pursuing a baccalaureate degree at an institution with an active Alpha Lambda Delta chapter at the time of eligibility. Cord colors: red, white and gold.

Alpha Phi Sigma

A national honor society for students in criminal justice administration and forensic science. Members must rank in the top 35% of their class, have completed a minimum of four courses within the criminal justice curriculum, maintain a 3.2 GPA in their criminal justice courses as well as maintain a 3.0 cumulative GPA. Cord colors: blue and gold.

Alpha Sigma Lambda

A national honor society for adult students who, while handling their life responsibilities, achieve and maintain high scholastic standards.

Membership is open to online students who have a minimum GPA of 3.75 and at least twenty-four semester hours with Columbia College. Cord colors: gold and maroon.

Kappa Delta Pi

A national education honorary society for students who have the intent to continue academically and professionally in the field of education. Students must demonstrate leadership attributes; have completed at least thirty semester hours of collegiate course work; have at least twelve semester hours in education course work programmed, in progress or completed; and have a cumulative GPA of 3.0 or higher. The organization encourages excellence in scholarship, personal standards and teacher preparation. Once elected to this society, membership is renewable for life. Cord colors: green and purple.

Kappa Mu Epsilon

A national honor society in mathematics. Membership is open to students who rank in the upper 35% of their class and who have completed at least three semesters of college work and completed at least three courses in mathematics, including at least one semester of calculus, and attained an average of B or better in all mathematics courses. Cord colors: silver and pink.

Lambda Pi Eta

A national honor society for students in speech communication. Eligibility for membership requires completion of sixty semester hours, a minimum cumulative GPA of 3.0, completed twelve semester hours in Communication Studies and have at least a 3.25 GPA for all Communication Studies courses. Cord colors: red and white.

Phi Alpha Theta

Phi Alpha Theta is a professional society which promotes the study of history through the encouragement of research, good teaching, publication and the exchange of learning among historians. Eligibility for membership is based upon a minimum GPA of at least 3.1 in 12 or more hours of history credits and a minimum of a 3.0 GPA overall. Cord colors: Madonna red and blue.

Pi Sigma Alpha

A national honor society for students in political science. Its purpose is to stimulate scholarship and interest in political science by recognizing students who have excelled in the field. Eligibility for membership requires a minimum completion of ten semester hours of political science courses with a

minimum GPA of 3.0, and rank in the upper third of their class. Cord colors: red, white and black.

Psi Chi

Psi Chi is the International Honor Society in Psychology for the purposes of encouraging, stimulating, and maintaining excellence in scholarship, and advancing the science of psychology. Membership is open to full-time day students with a major or minor in psychology at Columbia College. Additional requirements are that membership is open to those who have completed at least 45 semester hours of college from a regionally accredited nonprofit institution, have successfully completed at least 24 semester hours in the day program, have at least a 3.0 GPA on a 4.0 scale in psychology courses, have no D's or F's in any psychology course taken at Columbia College, are in the top 35% of their class's GPA, have no more than a total of three R's (i.e. repeated course), I's (i.e. incomplete course) or W's (withdrew from course), in any Columbia College courses (excludes WE's), have no more than one R (i.e. repeated course), I (i.e. incomplete course) or W (withdrew from course) in any Columbia College psychology course (excludes WE's). Cord colors: Silver and teal.

SALUTE Veterans Honor Society

SALUTE recognizes the academic success of student veterans at Columbia College. Collegiate members shall be students enrolled in an undergraduate program at the time of initiation, have been honorably discharged from the armed services or provide proof of current duty station, completed 12 semester hours or its equivalent of one semester, have junior standing, and have a minimum 3.0 grade point average. For the purpose of Columbia College Chapter membership, differentiation of tier levels will not be made, but students wishing to be recognized by tiers may petition the chapter council. Cord colors: red, white and blue.

Sigma Beta Delta

An international honor society in business, management and administration. Membership is open to all undergraduate and graduate students in the top 15 percent of their class with a minimum grade point average of 3.5 and at least thirty semester hours at Columbia College. Cord colors: green and gold.

Sigma Tau Delta

Sigma Tau Delta is an international English honor society. Active membership is limited to English majors and minors with a B+ (3.5 GPA) or higher average in English classes beyond Composition for classes taken in the Day Program

at Columbia College; who rank in the highest 35 percent of their class in general scholarship (with a minimum GPA of 3.0); and who have completed at least three semesters of college work, and specifically 24 semester hours at Columbia College in the Day Program. Please see the current faculty sponsor for additional requirements that might apply. Cord colors: Cardinal red and black.

Sigma Zeta

A national honor society primarily for science students. Membership is open to students who have earned at least fifteen hours of science and mathematics courses with at least a 3.0 GPA and whose other grades are satisfactory.

Tau Upsilon Alpha

The purpose of Tau Upsilon Alpha National Organization for Human Services Honor Society is to honor academic excellence; to foster lifelong learning, leadership and development; and to promote excellence in service to humanity. Membership is based upon a minimum of 3.25 GPA. Members must be in the upper 35% of their class, have completed 12 hours of Human Services courses at Columbia College, and have a minimum of 52 total semester hours. Cord color: royal blue.

Upsilon Pi Epsilon

A national honor society in computer and information sciences. Membership is limited to students who have completed at least 64 semester hours including CISS 350 or equivalent, have a GPA of at least 3.5 in Computer Science or Computer Information Systems, and rank in the upper third of all students in the major. Cord colors: white and maroon.

MUSIC

The Jane Froman Singers (JFS)

JFS is a choral ensemble that performs a variety of musical styles from various eras and cultures. The Singers perform frequently on and off campus and participate in an annual concert tour. Membership is by audition. JFS can be taken each semester for 3 hours of academic credit.

REGISTERED STUDENT ORGANIZATION

Columbia College is proud to offer the opportunity to get involved in over 50 Registered Student Organizations (including Academic Honor Societies). For a comprehensive list of descriptions and regular updates please visit www.ccis.edu/studentactivities.

Academic

Collegiate DECA
Columbia College Computer Science Club
Criminal Justice Student Association
Forensic Science Student Association
History Club
Human Services Organization
Mock Trial Association
Model United Nations
Philosophy Club
Psychology Club
Science Club
Student Leaders Advocating Teacher Excellence

Community Services/Social Action

Committed and Serving Together
Environmentally Conscious Organization
Participant Advisory Council (PAC) for Student Support Services
Peace Club
Student United Way

Cultural

Columbia College Literary Review
International Club

Performing or Fine Arts

Art Club
Columbia College Creative Writing Club
Elysium Players

Political

Columbia College Democrats
Columbia College Republicans
Student Government Association
Students for Sensible Drug Policy

Social

BACCHUS
CC Drumline

Sports

The Pride

Religious

Chi Alpha Christian Fellowship

Crossfire Campus Ministry
The Outlet

Veterans Group

Columbia College Student Veterans

Military, Veteran, Dependent and Spouse Education Benefits

For nearly 40 years, Columbia College has been helping military personnel, their family members, and Department of Defense civilians earn college degrees while serving their country. Columbia College awards significant transfer credits based on AARTS, ARNG, SMART, CGI and CCAF transcripts; participates in the Troops to Teachers program; and accepts the GI bill benefits for all veterans. For three consecutive years, Columbia College has been recognized as one of the top 20 military friendly colleges in the nation. Columbia College understands the needs of today's servicemembers, past and present, and supports:

- Adjusting residency requirements for active duty military members and their dependents
- "Withdrawal Excused" (WE) requests for extraordinary circumstances like military deployment, extended periods of temporary duty (TDY), or an unexpected call to active duty, etc.
- Unique scholarship and grant opportunities
- VA and tuition assistance payment deferments

Ousley Family Veterans Service Center

The Ousley Family Veterans Service Center supports the educational needs and processes for the military, veteran, and dependent student. The mission of the Ousley Family Veterans Service Center is to provide a support network to facilitate the transition of veterans, military service members and dependents to Columbia College and to understand and address their unique student support needs while they are attending Columbia College.

Students planning to use VA Educational Benefits may utilize the center to assist in completing their application and other required Columbia College documents. The Ousley Family Veterans Service Center is located on the second floor of Missouri Hall, Room 224. For additional information contact the Columbia College veterans certifying official, (573) 875-7504, vacert@ccis.edu or

visit www.ccis.edu/military/veterans.asp.

Credit for Military Service

Columbia College accepts American Council on Education (ACE) recommended credit for:

- College-level Examination Program (CLEP)
- Defense Activity for Non-Traditional Education Support (DANTES-DSST)
- Proficiency Examination Program (PEP)
- Excelsior (formerly Regents) Exams/ACT PEP
- Advanced Placement (AP) Exams
- Defense Language Institute Exams
- Army Logistics University
- Defense Acquisition University
- Certification Exams
- United States Armed Forces Institute (USAFI)
- Learning acquired in military life

Additionally, Columbia College:

- Accepts transfer credit from other Servicemember Opportunity Colleges (SOC)
- Accepts transcript credit from Army American Council on Education Registry Transcript Systems (AARTS), the Sailor/Marine American Council on Education Registry Transcript (SMART), and the Coast Guard Institute (CGI)
- Accepts credit from the Community College of the Air Force (CCAF)
- Awards additional elective credit for military experience

For information on additional documents that may be accepted for evaluation or for specific policies concerning the evaluation of documents, contact the Evaluations Department, (573) 875-7658 or visit the following website at <http://www.ccis.edu/offices/evaluations>.

Military Scholarships and Financial Aid

ROTC

Students at Columbia College participate in ROTC through a cooperative program with the University of Missouri by attending regular classes on the Columbia College campus while completing ROTC coursework at the MU campus, just 10 blocks away. This allows students to take advantage of the small class sizes and personal attention Columbia College offers, while pursuing a commission in our Armed Forces. ROTC scholarship recipients are eligible for 100% of basic room charges. Ten awards are available each year. Submit the ROTC scholarship award letter with the Columbia College Financial Assistance Application to the Registration and Financial Services Office. Recipients must reapply annually to receive this award.

Survivors' and Dependents' Education Assistance Program (DEA)

Survivors' and Dependents' Education Assistance Program is an education benefit for eligible spouses and children of certain veterans. Eligible persons can receive up to 45 months of full-time or equivalent benefits. For additional information and application materials, contact the Columbia College Veterans Certifying Official, (573) 875-7504, vacert@ccis.edu.

Colonel Charles McGee Scholarship Fund

This scholarship is given to Veterans and/or their dependents who wish to attend Columbia College. It is a competitive scholarship that is awarded annually. The scholarship will be available to the general population only if there are no veterans and/or dependents who qualify for the award. For more information, visit the following website at <http://www.ccis.edu/mcgee-scholarship>.

George H. Ousley, Jr. & Gayleen Ousley Veterans Service Center Endowment

This scholarship is given to veterans attending Columbia College with first preference given to veterans of the United States Navy. Recipients must be veteran students who have exhausted their federal funding, but have not yet attained their degree. For additional information contact the Columbia College veterans certifying official, (573) 875-7504, vacert@ccis.edu.

VA Educational Benefits

Columbia College is approved for enrollment certification of students eligible to receive education assistance (GI Bill) from the U.S. Department of Veterans Affairs (DVA). Eligibility requirements vary for veterans' education benefit programs. For more information, contact the Columbia College Veterans Certifying Official, (573) 875-7504, vacert@ccis.edu.

Chapter 30 Montgomery GI Bill - Active Duty (MGIB-AD)

Persons who entered active duty after July 1, 1985, and had their military pay reduced by \$100 per month for 12 months qualify for this program. This is a non-refundable contribution. These persons also must have served a minimum of two years, earned a high school diploma or its equivalent either prior to or during the qualifying enlistment and must have an honorable discharge.

Chapter 31 Vocational Rehabilitation Program

The DVA determines eligibility for this program. This program provides payment of required fees and a monthly allotment.

Chapter 32 (Certified as Chapter 30) Veterans Educational Assistance Program (VEAP)

This program provides benefits to persons who initially entered the service after Dec. 31, 1976, and before July 1, 1985. These persons volunteered to contribute money to the Post-Vietnam Era Veteran Educational Assistance Program. Participants receive monthly payments for the number of months they contributed or for 36 months, whichever is less.

Chapter 33, Post 9/11 GI Bill (Post 9/11 Veterans Educational Assistance Act of 2008)

This program provides benefits for "individuals who have at least 90 days of aggregate service on or after September, 11, 2001, or individuals discharged with a service-connected disability after 30 days. The Post-9/11 GI Bill will become effective for training on or after August 1, 2009." For detailed information on the benefits of this program, please go to www.gibill.va.gov.

- **Marine Gunnery Sergeant John David Fry Scholarship**

Children of an active duty member of the Armed Forces who has died in the line of duty on or after September 11, 2001 may be eligible for up to 36 months of

Post 9/11 GI Bill benefits.

- **Yellow Ribbon**

Columbia College participates in the Yellow Ribbon GI Education Enhancement Program which allows the College to fund tuition expenses for qualified individuals.

- **Transfer of Post-9/11 GI-Bill Benefits to Dependents (TEB)**

For the first time in history, service members enrolled in the Post-9/11 GI Bill program may transfer unused educational benefits to their spouses or children. An eligible Service member may transfer up to the total months of unused Post-9/11 GI Bill benefits, to include the entire 36 months. For more information on this program visit https://www.gibill.va.gov/documents/Post-911_Transferability.pdf.

Chapter 35 Survivors' and Dependents' Educational Assistance Program (DEA)

This program provides benefits for dependents and spouses of veterans who died or are 100 percent permanently disabled due to service-connected causes.

Chapter 1606 Montgomery GI Bill - Selected Reserve (MGIB-SR)

This program provides benefits for members of the Reserve/National Guard who enlisted, re-enlisted or extended their enlistment for a period of six years after July 1, 1985.

Chapter 1607 Reserve Education Assistance Program (REAP)

This program is for members of a reserve component who serve on active duty on or after Sept. 11, 2001, and who serve at least 90 consecutive days or more. National Guard members also may be eligible. Individuals are eligible as soon as they reach the 90-day point whether or not they are currently on active duty. Disabled members who are injured or have an illness or disease incurred or aggravated in the line of duty and are released from active duty before completing 90 consecutive days also are eligible.

Veteran's Grant

Former U.S. military personnel are eligible for this need-based, non-renewable grant. The award provides \$200 for every six months of active ser-

vice and is worth a maximum of \$800. This is a one-time grant and is not renewable.

Military Spouse Opportunities

- **Spouse Opportunity Grant**

Awarded to spouses of active service members. It provides tuition for the first in-seat course taken at Columbia College.

- **The Columbia College Coast Guard Spouse Grant**

Offers a 50% tuition grant for all courses, for a lifetime maximum of \$4,000, for degree seeking students.

- **Military Spouse Tuition Grant**

Provides a 20% tuition grant for all inseat courses for degree-seeking students.

For additional information on military spouse opportunities, visit the website at <http://ccis.edu/military/spouses.asp>.

ACADEMIC POLICIES, REGULATIONS, AND PROCEDURES

THE RESPONSIBILITY FOR UNDERSTANDING AND MEETING GRADUATION REQUIREMENTS RESTS ENTIRELY WITH THE STUDENT.

ADVISING

ACADEMIC ADVISING PHILOSOPHY

Academic advising at Columbia College is based on the belief that advising is a developmental process, recognizing such logical and sequential steps as exploration of life goals, exploration of career goals, selection of a major program of study, selection and scheduling of courses. The decision-making process of exploring, integrating, and synthesizing should be an ongoing and multifaceted responsibility of both the student and the advisor, the ultimate goal of which is student growth. Through such a person-centered approach, academic advising assists students in creating a personally relevant plan for educational, career and life fulfillment.

ACADEMIC ADVISOR

The College has a carefully planned program of student advising. In addition, individual relationships are maintained between students and instructors in the classroom and through informal conferences. After students have been admitted, they are assigned an advisor on the basis of admissions information. The advisor assists in planning academic work and in solving general problems during the student's college career. A change in advisor may be made by completing a Change of Advisor Form online via eServices.

While the College provides academic advisement, the responsibility of meeting all degree requirements rests with the student. Students are strongly encouraged to officially declare their majors no later than the semester in which 48-60 semester hours are scheduled for completion. Students complete a Declaration of Major form via eServices.

ASSESSMENT

Columbia College assesses student learning outcomes at all key points of the undergraduate experience.

Pre-matriculation. Entering student ACT Math subscores are used for math course placement and ACT English subscores are used for English Composition placement. A score of

21 or above on the ACT math subscore or equivalent SAT score is required to place into MATH 150, College Algebra. Entering student ACT subscores (or equivalent SAT scores) are used to place into English Composition courses. A score of 18 or above on the English subscore is required to place into ENGL 111 English Composition I; a score of 30 or above is required to place into ENGL 112 English Composition II.

General Education. Achievement of general education learning outcomes is assessed by the ETS Proficiency Profile (ETS PP), administered to seniors during their culminating experience course. A pre-test of the ETS PP is administered during INCC 111, the Freshman Year Experience course.

Major. Achievement of outcomes in the major is assessed by the major culminating experience which is noted in bold face in the course descriptions. The instrument of assessment varies from department to department. Many administer the Major Field Test, a standardized test of undergraduate mastery of the discipline.

Other. A sample of students is surveyed during odd-numbered years using the ACT Enrolled Student Survey. Alumni are surveyed regularly online.

Feedback. Faculty, coordinated by the Academic Assessment Committee, and administrators use data from assessment to improve curricula and pedagogy and to improve the physical learning environment of the College.

ATTENDANCE AND LACK-OF-EFFORT POLICIES

Students are expected to attend all classes and laboratory periods for which they are enrolled. The instructor defines conditions under which an absence is excused. The instructor is responsible for the maintenance of standards and quality of work in his or her classes. An absence is an individual matter between student and instructor.

Students are directly responsible to instruc-

tors for class attendance and for work missed during an absence for any cause. If absences jeopardize progress in a course, the student's instructor will submit a course Warning Report promptly to the Student Records and Transcripts Office. An instructor may drop such a student from the course; and any drop initiated during the semester or session by an instructor for a student's lack of attendance or lack of effort is recorded on the student's permanent record with a grade of F or W at the discretion of the instructor. Columbia College reserves the right to drop or withdraw students from courses due to lack of attendance. This information may be reported to various government agencies.

Students who will be absent from class due to participation in athletics or a college-sponsored extracurricular activity are responsible for completing all required coursework as stipulated in their course syllabus for each class provided by the instructor. The instructor is the only individual who determines performance standards, evaluates student achievement and determines if and how student absences are calculated and accommodated. Student athletes must meet the conditions of their 'Letter of Intent,' but may participate in conflicting college-sponsored events with their coach's acquiescence. Student participants who are unable to enroll in a day course because of intractable conflicts caused by attendance requirements may be allowed to take the course during the evening or online.

Students are notified if their instructor cannot meet with them during any regularly scheduled class period. In the event that the instructor does not arrive at an appointed class within 15 minutes after the class regularly begins and after representatives of the class have made inquiries in the Office for Academic Affairs, students are excused from the class.

Please refer to the Financial Aid section regarding attendance requirements for financial aid purposes.

CATALOG CHANGES AND TIME LIMIT FOR COMPLETING DEGREE

No time limit exists for a student to complete a degree. Students have the option of graduating under the degree requirements of the catalog, including general education requirements and courses designated as general education, in effect at the time of their graduation from the

College or in effect at the time of their initial enrollment to the College, provided no more than eight years have elapsed between initial enrollment and graduation. Students enrolled through the Service Members' Opportunity College Program are exempt from the eight-year limitation.

The responsibility for understanding and meeting graduation requirements rests entirely with the student.

CURRICULUM REQUIREMENTS

Students are required to abide by the curriculum requirements, including course prerequisites, semester hour(s), upper-level/lower-level status, content, etc., based on the current academic year's catalog.

STUDENT CONDUCT

The College has adopted a Student Conduct Code to protect the rights of students, faculty, staff and the College itself. This code ensures that the Columbia College learning community is one characterized by mutual respect, civility and good citizenship.

Columbia College students, as members of the academic community, are expected to accept and adhere to these high standards of personal conduct.

Students shall:

1. Treat all members of the community with courtesy, respect and dignity.
2. Comply with directions of College and other officials acting in the performance of their duties.
3. Treat the campus itself with respect, including buildings, grounds and furnishings.
4. Respect the rights and property of all members of the community.
5. Fulfill their obligations through honest and independent effort and integrity in academic and personal conduct.
6. Accept responsibility for and the consequences of their actions and shall encourage responsible conduct in others.
7. Respect the prohibition of possession, consumption, distribution and provision of alcohol on campus and the illegal possession, use, distribution and provision of controlled substances.
8. Abide by all published policies including but not limited to those that appear in the College Catalog, Student Handbook, Residential Life

Handbook and Code for Computer Users.

9. Refrain from tampering with fire safety equipment on campus grounds and in College buildings.
10. Have no firearms, weapons or any other item designed to inflict harm or damage on campus. Sworn law enforcement and military officials possessing firearms while on duty may be exempt.
11. Behave in a manner that does not intentionally or recklessly interfere with normal college sponsored activities, including but not limited to, studying, teaching, research, college administration, or fire, police or emergency services.
12. Refrain from behavior that intentionally or recklessly endangers, threatens or causes physical or emotional harm to any person including self, or that intentionally or recklessly causes reasonable apprehension of such harm.

The Student Code of Conduct, as well as the preceding guidelines outlining the adjudication of conduct-related offenses, applies to all Columbia College students.

Academic Integrity

The College expects students to fulfill their academic obligations through honest and independent effort. In a community of scholars committed to truth, dishonesty violates the code of ethics by which we live and is considered a serious offense subject to strong disciplinary actions. Academic misconduct includes but is not limited to the following:

1. Knowingly furnishing false or misleading information.
2. Falsification, alteration or misuse of college forms or records.
3. Any joint effort in examinations, assignments, or other academic activity unless authorized by the instructor.
4. Plagiarism in any form; using another's phrase, sentence, or paragraph without quotation marks; using another's ideas or structure without properly identifying the source; or using the work of someone else and submitting it as one's own.
5. Willfully aiding another in any act of academic dishonesty. Columbia College is equally concerned about the interpersonal social relationships that affect the learning environment.

Respect for the conditions necessary to enhance learning is, therefore, required.

Procedures:

Generally, the faculty will handle offenses related to academic misconduct and assign appropriate penalties without involving others. In such cases, the following procedure will be followed:

1. The faculty member who, upon investigation, suspects academic misconduct will, if possible, confer with the student suspected.
 - a. If the faculty member determines the student is not responsible for engaging in academic misconduct, the matter will be dropped.
 - b. If the faculty member determines the unacceptable behavior was unintentional, the violation will be explained and an alternative penalty will be imposed at the discretion of the investigating faculty member. The Executive Vice President and Dean for Academic Affairs (EVPDAA), the Registrar, and the Dean for Student Affairs must be notified in writing of the incident and the outcome.
 - c. If the student admits responsibility for academic misconduct, or if the faculty member determines there was intentional unacceptable behavior, the faculty member may impose the penalty stated in the course syllabus. In the absence of a penalty stated in the syllabus, the penalty will be a grade of F on that activity, which will be factored into the final grade. The EVP/DAA and the Dean for Student Affairs must be notified in writing of the incident and the action taken.
2. A student wishing to challenge or appeal the accusation of academic misconduct should seek the counsel of the Department Chair. The EVPDAA must be notified of the results of this informal disposition.
3. If either the student or the faculty member is not satisfied with the informal disposition, he/she may request a formal hearing. The individual must initiate the hearing procedure by filing an Appeal Request Form with the EVPDAA within one (1) school day after the informal disposition meeting. The written request will be forward to the EVPDAA and the Dean for Student Affairs.
4. The EVPDAA and the Dean for Student

Affairs will review the request and determine if there are proper grounds for appeal and if the evidence submitted warrants reconsideration of the decisions. All parties involved will be notified. Generally, most incidents of academic dishonesty, such as plagiarism, cheating and grade appeals, will be resolved through processes governed by Academic Affairs. Most incidents of personal conduct related allegations, such as disorderly classroom conduct, will be resolved through processes governed by Student Affairs.

It is important to note that there are those cases where the allegations and potential consequences are so serious and complex that the matter will be submitted, at the outset, to Student Affairs for investigation, informal disposition, and if necessary, formal disposition through a campus hearing board. Decisions regarding case jurisdiction ultimately rest with the EVPDAA and the Dean for Student Affairs.

Class Conduct

Students are expected to conduct themselves on campus and in class so others are not distracted from the pursuit of learning. Discourteous or unseemly conduct may result in a student being asked to leave the classroom. Persistent misconduct on the part of a student is subject to disciplinary action as outlined in the Student Handbook and in the course syllabus. Some examples of classroom misconduct that will not be tolerated include, but are not limited to, the following:

- Disorderly conduct
- Harassment
- Verbal abuse
- Assault
- Interference with the educational opportunity of other students
- Attending class under the influence of alcohol or other drugs

Personal Conduct

Students may be disciplined for conduct, which constitutes a hazard to the health, safety, or well being of members of the college community or which is deemed detrimental to the interests of the college. These sanctions apply whether or not such conduct occurs on campus, off campus, at college-sponsored or non-college-sponsored events. Disciplinary action may be taken regardless of the existence of any criminal proceedings that may be pending.

Procedures:

Generally, allegations regarding a student's personal conduct will be adjudicated through processes governed by the Student Affairs Department.

1. The Assistant Dean for Student Affairs or another appropriate college official will investigate the situation and review it with the student. If it is determined that no violation occurred, then the matter is dropped. If the student admits responsibility or the Assistant Dean for Student Affairs determines there was a violation, college disciplinary action will ensue. The student will be notified in writing of the finding of fact and the recommended disciplinary sanction recommended by the Assistant Dean for Student Affairs. If the student is facing possible suspension or dismissal from the College, the student, by working through the Dean for Student Affairs, can request that a Campus Hearing Board review the finding of fact and/or the sanction.
2. If facing disciplinary action, the student has the right to accept the Assistant Dean's finding of fact and recommended sanction, at which time the matter is closed; or the student may appeal to the Dean for Student Affairs for a review of the finding of fact and/or the recommended sanction.
3. To initiate an appeal, the student must file an Appeal Request Form with the Dean for Student Affairs within one (1) school day of the informal disposition meeting with the Assistant Dean for Student Affairs. The Dean for Student Affairs will review the request and determine if there are sufficient grounds for appeal and if evidence submitted warrants reconsideration of the decision. All parties will be notified.
4. If a decision is made to reconsider, a campus hearing board will be empaneled to hear the matter. Decisions made by the Campus Hearing Board are final.

Interim Suspension

The Dean for Student Affairs or designee may suspend a student for an interim period pending the outcome of disciplinary proceedings or resolution of the health issue. An interim suspension will become immediately effective without prior notice whenever there is evidence that the continued presence of the student on the college campus poses a substantial threat to him or herself or

to others or to the stability and continuance of normal college functioning.

A student suspended on an interim basis shall be given an opportunity to appear before the Dean for Student Affairs or designee within two working days from the effective date of the interim suspension in order to discuss the following issues:

1. The reliability of the information concerning the student's conduct and/or condition.
2. Whether the conduct/condition and surrounding circumstances reasonably indicate that the continued presence of the student on the college campus poses a substantial threat to him or herself or to others or to the stability and continuance of normal college functions.

An interim suspension period can last, but does not have to, up to final adjudication of the matter through the normal college disciplinary procedures or resolution of the health issue.

Disciplinary Dismissal

A disciplinary dismissal results in the separation of a student from the college for at least three years. Dismissal applies to all programs. After a three year separation, a student may request in writing that the Dean for Student Affairs review the dismissal and consider allowing the student to reapply for admission. If denied readmission by the Dean, the student may submit subsequent requests one year after the previous request. The student's written request must include the following:

- How the student has used his/her time of separation from the college;
- What the student has learned; and
- How the student's return will be different.

Decisions are made on a case-by-case basis. Some violations of the college's Student Conduct Code are so serious that students will not ever be permitted to return. The Dean's decision will be provided in writing to the student. Students returning from a disciplinary dismissal are placed on disciplinary probation for one year. Other conditions could also be included.

Disciplinary Suspension

A disciplinary suspension results in the separation of a student from the college for a specified time period, usually no more than two years. Other conditions can also be stipulated for a student's readmittance. Suspension applies to all programs, unless otherwise noted. After the suspension period has been served, the student should contact the

Dean for Student Affairs for directions regarding his/her possible re-enrollment.

CREDIT AND TESTING

ACT RESIDUAL

The ACT Residual is offered periodically throughout the year. Registration is required. Scores are not reported outside Columbia College. The cost is \$28.50 which includes a \$10 administration fee.

ADVANCED PLACEMENT

Columbia College awards semester hours credit for Advanced Placement Tests (AP). A score of 3 or above is acceptable. AP credit in English meets the College's requirement for ENGL 111.

CLEP

Columbia College awards semester hours credit for the College Level Examination Program (CLEP). Credit for CLEP subject and general exams is awarded if the score is at or above the minimum score recommended by the American Council on Education. This score is set at the mean score achieved by students who earned a C in the respective course.

Official test score reports are submitted to the Evaluations Department for validation of academic credit. If tests were completed more than twenty years prior to submission for evaluation, score reports will not be available.

Students may choose to re-take the tests after a six month waiting period. Waiver of the waiting period cannot be submitted to the Test Administrator until ninety days have elapsed since the last exam completion.

Students may also contact the Evaluations Department for possible options concerning procurement of previous CLEP test results from other institutions that may allow for evaluation by Columbia College. All credit completed by examination and accepted in transfer is recorded in semester hours. Registration is available online for CLEP exams by visiting www.ccis.edu/testing and selecting the CLEP link.

CORRESPONDENCE CREDIT

Correspondence credit is accepted if recorded on an official transcript from another regionally accredited college or university.

CREDIT FOR PRIOR LEARNING (Also See "Professional Designations," Below)

Many students who participate in learning experiences outside the classroom wish to earn college credit for their work. Columbia College offers a number of ways students may earn such credit. CLEP tests and ACE credit are the preferred means because they require a theory-base for awarding credit, have national norms/criteria or both. If none of the above credit-awarding methods are an option, Columbia College awards credit for prior learning (CPL).

Before applying for CPL credits, students must have completed 12 hours of Columbia College credit. Students also must have completed ENGL 111 and ENGL 112 or their equivalent with a grade of C or better. These credits, if taken at Columbia College, may be included in the 12-hour requirement.

Columbia College courses that offer CPL credit are generally applicable to degree requirements. A maximum of 15 credits prior to learning can be awarded. CPL is not awarded where college credit in a similar course has been earned. CPL credit does not count toward Columbia College residency.

Courses for which CPL is available:

Art

ARTS 120	Drawing I
ARTS 130	Painting I
ARTS 150	Creative Photography I
ARTS 211	Watercolor I
ARTS 216	Graphic Design I
ARTS 262	Printmaking I
ARTS 302	Illustration I

Business Administration

MGMT 152	Business Mathematics
MGMT 330	Principles of Management
MGMT 341	Small Business Management
MKTG 352	Personal Selling and Sales Management

Computer and Mathematical Sciences

CISS 234	Visual Basic
CISS 236	COBOL Programming
CISS 238	Java Programming
CISS 240	Introduction to Programming
CISS 241	Programming I
CISS 242	Programming II
CISS 243	Programming III
CISS 245	Advanced Programming
CISS 274	Introduction to Internet Technology and Electronic Commerce
CISS 280	Systems Analysis and Design I

CISS 285	Structured Systems Analysis and Design
CISS 320	Systems Analysis and Design II
CISS 325	Systems Analysis, Design and Implementation Projects
CISS 365	Project Management

Criminal Justice Administration and Human Services

CJAD 201	Criminal Investigation
CJAD 203	Crime Scene Investigation
CJAD 303	Crime Scene Photography
CJAD 306	Military Justice System
CJAD 351	Community Based Corrections
MSCJ 561	Crisis Intervention

Education

EDUC 102	Introduction to Education I
EDUC 103	Introduction to Education II
EDUC 420	Student Teaching in the Elementary School
EDUC 422	Student Teaching in the Secondary School
EDUC 424	Student Teaching in the Middle School
EDUC 426	Student Teaching in Special Education
EDUC 498	Student Teaching for Para-professionals
EDUC 698	Graduate Student Teaching

Nursing

NURS 209	Introduction to Nursing
NURS 210	Fundamentals of Nursing

Science

BIOL 230	Medical Terminology
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CPL is evaluated using the following criteria:

- It has general applicability outside the specific situation in which it was acquired;
- It articulates theories, principles and general techniques;
- It has both a theoretical and practical understanding of the subject area;
- It may be assessed by a faculty expert;
- It is of college-level quality as determined by the faculty expert;
- It meets specific course objectives or competencies and has a relationship to degree aspirations or educational goals.
- The knowledge or skill represented as learning is current with that expected in the classroom/ employment situation; and

- The level of confidence equals or exceeds what would normally be considered a C level of performance in the classroom.

Students seeking CPL must submit a portfolio of relevant information that describes the learning acquired in a specific course area. Portfolio contents are described below. Students must have adequate writing skills (ENGL 111 and ENGL 112 are prerequisites). An evaluation assessment fee of \$75 per semester hour is required for each course submitted for review. This fee is payable upon submission of the portfolio.

No additional fees are assessed if credit is awarded. Each portfolio is assessed by a full-time faculty member in the corresponding subject. If the faculty member determines that the knowledge of the subject is college-level and equal to a grade of C or better, credit will be awarded. If the knowledge is judged to be insufficient, the faculty member will deny credit. If the faculty member decides more information is needed to make a recommendation, the student will be asked to submit additional evidence.

Send the portfolio to the Assistant Dean for the Adult Higher Education Division, Columbia College, 1001 Rogers Street, Columbia, MO 65216. Attach to the portfolio a check or money order for the assessment fee. Anticipate 60 to 90 days for the evaluation process to be completed. Students will be notified of the evaluation outcome and credit, if awarded, will be posted to the transcript at no additional charge.

EXCELSIOR EXAMS

Columbia College awards credit for Excelsior Exams (formerly ACT Pep/Regents Exams); official score reports must be submitted for evaluation and credit is awarded if the score is at or above the minimum acceptable score. Additional information may be obtained in the Evaluations Department.

INTERNATIONAL BACCALAUREATE

Columbia College accepts credit from successfully completed International Baccalaureate (IB) coursework. Course equivalencies and transfer credit award vary by subject and IB course level (standard; higher). Credit will be granted on a per-course basis for individually completed, higher-level courses completed with a score of 5 or higher. Students who have completed the IB Diploma will receive a minimum of 24 semester-hours of credit so long as higher-level courses have been completed with a score of 4 or higher, and standard-level courses have been completed with a

score of 5 or higher. Specific course equivalencies are available from the Evaluations Department .

TRANSCRIPTS/CREDIT DOCUMENTS

- The applicant must inform the College of all institutions of higher learning attended and whether or not academic credit was earned at these institutions. Falsification of application information, including failure to identify all post-secondary institutions attended, may result in denial of admission or dismissal if discovered after enrollment.
- An official transcript from each college and university attended must be sent to the Evaluations Department before transfer of credit can be accomplished. An official transcript is marked as such and sent directly from the institution attended to the Evaluations Department. A transcript marked official and hand-delivered in a sealed envelope of the institution by the applicant will be accepted as official. Transcripts marked unofficial or student copy will not be considered official even if delivered in a sealed institution envelope. Faxed transcripts are not considered official.
- The Admissions Office, advisors and the Nationwide campuses may review or advise applicants from unofficial transcripts/credit documents as they deem appropriate and necessary. Academic credit from all sources must be received by the Evaluation Department before an evaluation will be completed and must be validated by the Evaluation Department before such credit is considered official and made part of the student's Columbia College academic record. Credit will not be evaluated for one institution from another institution's transcript.
- AARTS, CGI, National Guard and SMARTS transcripts will be evaluated for military experience as well as CLEP, Excelsior and DANTE examinations.
- Appeals may be made for an exception to having all transcripts/credit documents submitted prior to an evaluation. The appeal should be made in writing and turned into the Admissions Office with their other information. The Admissions Office will forward the appeal to the Evaluations Department to log in the Waiver/Substitution Appeal Log. The Evaluations Department will coordinate the processing of the appeal with the Executive Vice President and Dean for Academic Affairs. Evaluations will relay the response to the

Admissions Office who will inform the applicant of the decision. For Nationwide Campuses and Online applicants, the appeal should be made in writing to the AHE and Online campuses and forwarded to the Evaluations Department. The Evaluations Department will log it in the Waivers/ Substitution Appeal Log and coordinate the processing of the appeal with the Executive Vice President and Dean for Academic Affairs. The Evaluations Department will inform the extended campus of the response.

- An appeal must include a statement of why the transcript/credit document is unavailable and/or why the applicant wishes to proceed without it for the initial evaluation. The appeal is only for having all the documents submitted prior to the initial evaluation; if the appeal is approved the document is still required and must be received prior to the start of the next term of enrollment. A registration restriction will be placed on the applicant barring enrollment without the required document. A waiver/disclaimer statement must also be signed by the applicant indicating understanding of responsibility for any consequences incurred due to the late receipt of all documents. Areas of consequence include, but are not limited to, advising, academic level, financial aid and VA.
- Appeals will not be approved or exceptions made for the following reasons: applicant owes money at another institution and is therefore unable to procure an official transcript; poor grades at the previous institution and therefore courses may not be transferable to Columbia College; applicant does not believe that previous coursework is applicable to Columbia College; applicant does not want to pay transcript fees.
- Applicants who are unable to obtain transcripts because the previous institution has closed, had a fire or some other records catastrophe may include a letter from the institution or the Department of Education for the state where the school is located indicating that the transcript is not available. If the letter is provided along with the application and other transfer documents, then an appeal is not necessary and there will be no delay in the evaluation process. If a previous institution is not currently nor has ever been accredited by one of the accrediting bodies recognized by Columbia College, then the appeal may be made directly to the Evaluations Department via the Admissions Office or the

extended campus; Evaluations will confirm accreditation status and approve or deny request to evaluate without the transcript.

- Applicants are not required to submit military documentation or civilian training certificates for evaluation. Evaluations will not be held for receipt of these items if the applicant specifically requests in writing to proceed without them. By requesting that an evaluation be completed without these documents, applicants are accepting responsibility for any consequences incurred due to evaluation of credit without a complete packet.
- Once a document has been submitted to Columbia College it becomes the property of Columbia College. Neither the original nor a copy will be given to the applicant.

PROFESSIONAL DESIGNATIONS

The field of financial services which includes financial planning, investments, real estate, and insurance lends itself well to the recognition of credit for prior learning. Students who have earned the following professional designations will be awarded credit as follows:

Professional Designation:	Columbia College Equivalent:
Certified Financial Planner (CFP)	FINC 298 & FINC 354
Chartered Financial Consultant (ChFC)	FINC 298 & FINC 354
Chartered Life Underwriter (CLU)	FINC 295
Chartered Property & Casualty Underwriter (CPCU)	FINC 295
Licensed Practical Nurse (LPN)	NURS 210
State Real Estate Salesperson's or Broker's License	FINC 397
NASD General Securities Representative (Series 7)	FINC 354

Individuals who currently hold a professional designation/license can receive credit for the above courses as indicated upon submission of a statement of designation/license renewal from the appropriate professional regulatory organization. Designations/license must be active at the time credit is sought.

LPNs must present a copy of their license in order to receive credit, and pass with a 75%, or higher, the HESI Fundamentals of Nursing Proficiency Exam and successfully complete a clinical skills assessment conducted by nurse faculty.

EVALUATION OF ACADEMIC TRANSFER CREDIT

If students enter Columbia College after having attended another institution, they are referred to as transfer students. Generally, full credit is given for work completed with a C grade or higher received from a regionally accredited college or university, provided the courses are comparable to courses listed in the Columbia College catalog.

An approved transferable Associate in Arts or Associate in Science degree from an approved accrediting body, completed prior to enrollment with Columbia College usually will be accepted in transfer as fulfilling the Columbia College general education requirements. The approved accrediting bodies for this transfer policy include but are not limited to the following: MSA, NCA, NEASC-CIHE, SACS-CC, WASC-JR and WASC-SR.

The Evaluations Department at Columbia College determines if the degree is “approved” and “transferable.” Prior to an official evaluation, there is no guarantee of an Associate transfer.

Any other Associate degree from an approved accrediting body will follow the alternate Associate Transfer Policy. The alternate policy acknowledges Associate degrees from accepted and/or regionally accredited institutions, completed prior to enrollment with Columbia College, that contain ENGL 111 and ENGL 112 with a grade of “C” or better, 33 hours of General Education courses with representation in Humanities, Social/Behavioral Sciences and Mathematics/Science.

Bachelor of Arts and Bachelor of Science degrees from institutions accredited by United States regional associations and/or approved by the United States Office of Education and recognized by Columbia College will be honored as their equivalents at Columbia College with regard to general education requirements.

If students have not received an associate or baccalaureate degree from a transferring school prior to enrollment with Columbia College, then Columbia College's general education requirements must be completed even if the previous schools' requirements were met.

To obtain credit, students submit official transcripts from each college or university attended when applying for admission to Columbia College. An official transcript is one sent directly from the institution attended to Columbia College and bears an official seal of the institution and signature of the Registrar. Students are required to identify all postsecondary institutions attended. Failure to do

so may result in denial of admission.

Columbia College accepts credit transferred at the level granted by the transferring institution. Courses transferred from two-year colleges are not accepted for upper-level credit.

Graduate level coursework may not be transferred to Columbia College for undergraduate credit. However, if graduate-level coursework is evaluated and is considered equivalent to undergraduate coursework at Columbia College, the undergraduate course requirement may be waived. The hours of credit will not be granted.

Courses at other institutions that may be completed for undergraduate or graduate credit will be reviewed on an individual basis. If the student was an undergraduate at the time of completion, the course may be accepted in transfer as undergraduate credit. If the student had completed a baccalaureate degree prior to the course, the course will not be accepted as undergraduate credit and the above listed process for graduate credit will apply. For additional information, see the Evaluations Department.

MILITARY CREDIT

DEFENSE ACTIVITY FOR NON-TRADITIONAL EDUCATIONAL SUPPORT (DSST)

Semester hour credit recommended by ACE is awarded upon attainment of an acceptable passing score per section, or credit is awarded as determined by the testing authority at the time the test was taken. An official record of test results must be sent to the Evaluations Department.

MILITARY SERVICE

Columbia College requires official military transcripts to review for awarding of transfer credit. The documents that are acceptable for evaluation of military credit include: Army - official AARTS transcript; Army National Guard - official AARTS transcript or official Army National Guard transcript; Navy - official SMART transcript; Air Force - official CCAF transcript; Coast Guard - Coast Guard Institute transcript; Marine Corps - official SMART transcript. Columbia College awards credit for military education based on the American Council on Education (ACE) credit recommendations. For information on additional documents that may be accepted for evaluation, or for specific policies concerning the evaluation of documents, contact the Evaluations Department.

UNITED STATES ARMED FORCES INSTITUTE (USAFI)

USAFI standardized end-of-course tests are accepted if attainment is at the 20th percentile or above. An official record of test results must be sent to the Evaluations Department.

RESIDENCE CREDIT

“Residence credit” or “credit earned in residence” refers to credits earned through Columbia College.

For Associate in Arts and Associate in Science degrees, 15 of the last 24 semester hours of coursework must be completed with Columbia College. For the baccalaureate degree, 24 of the last 36 semester hours of coursework must be completed with the college.

eSERVICES

eServices will allow students access to CougarMail (the official means of communication for the college) and to their Columbia College records via the internet. Students may view their Columbia College transcripts, grades, student schedules, and more. Enrollment processes, to include registration and adding and dropping classes, are also available through eServices. Once students have completed an enrollment process online they receive an email confirmation of their activity; they should review it carefully for accuracy. If there are any errors or questions they should contact the Student Records and Transcripts Office at (573) 875-7526.

FINAL EXAMINATION POLICY

Students in the Day Program are expected to complete all final exams according to the final exam schedule, but are not expected to take more than two exams in one day. Students who are scheduled for three or more exams in one day and who wish to change their schedule should coordinate their final examination schedule with their instructors.

GOOD ACADEMIC STANDING

In order to be in good academic standing a student cannot be on academic probation, academic continued probation or academic suspension.

GRADING SYSTEM

Academic progress is reported twice each semester, at mid-semester and at the semester's end. Mid-term grade reports are available for all 100- and 200-level courses to Day students only.

GRADES AND NOTATIONS

- A..... Excellent
- B..... Superior
- C..... Satisfactory
- D..... Inferior
- F..... Failing
- I..... Incomplete: Unfinished work to be completed without further class attendance.
- N..... Audit: Did not complete course.
- S/U..... Satisfactory/Unsatisfactory: Recorded when the pass/fail option is chosen
- U..... Unsatisfactory. An option that can be used as a grade for MATH 104, MATH 106, and ESOL 101, 102, 103, 104, 105, ENGL 107 and ENGL 107N.
- W..... Withdraw
- WE..... Excused from the course for extraordinary circumstances.*
- Y..... Audit: Completed course. No official credit recorded on transcript.

* Extraordinary Circumstances

Generally, this phrase is narrowly interpreted to mean the development of unforeseen, unexpected circumstances beyond a student's control that prevent continued attendance in all classes (death of an immediate family member, certain changes in the student's employment, and mental or physical illness befalling the student or a member of his/her immediate family). **All classes currently enrolled in must be included in the WE request.**

APPEALS

Grade appeals should be filed only when it is possible to demonstrate with substantial objective evidence that an incorrect or an unfair grade has been assigned. If a student believes that the final grade received in any course is incorrect or unfair, he or she follows the grade appeal procedure outlined below:

1. Discuss the problem with the faculty member (instructor) involved.
2. If not satisfied with that faculty member's explanation, seek mediation from the department chair.
3. Failing resolution of the problem, student makes an appeal to the Executive Vice President and Dean for Academic Affairs (EVP/DAA) by requesting a grade appeal hearing with the Campus Hearing Board. This request is filed in writing with the EVP/DAA within 60 calendar days after grades have been issued by the Registrar. The EVP/DAA may inform the student that materials submitted do not support the request for change in grade and/or forward the appeal to the Campus Hearing Board. The decision of the Campus Hearing Board is final. The chair of the Campus

Hearing Board communicates this decision in writing to the student, the EVP/DAA, the Dean for Student Affairs, and any other parties involved in the appeal. If a change in grade or academic standing results, the chair of the Campus Hearing Board notifies the Registrar of the new grade or change in standing.

4. In the event that new evidence becomes available, a request may be made in writing to the EVP/DAA, who determines whether the appeal is to be reconsidered. If a question arises regarding procedural correctness or impartiality, the issue may be brought to the EVP/DAA who has the final authority in passing judgment on such matters.
5. Operating procedures for Campus Hearing Boards are available in the offices of Academic Affairs and Student Services Division.

AUDIT

Students may audit a regularly scheduled class for no grade and no credit. However, participation in the course is noted on their official record. Auditing provides students the opportunity to pursue an interest in a particular subject without being graded. Acceptable performance, attitude, and attendance, as defined by the instructor for the course, are expected. Audit enrollments do not fulfill requirements for course work for degree completion, requirements for load considerations by the Veterans Administration for educational benefits, or requirements for financial aid awards. If students enroll for an audit course, they are subject to regular enrollment procedures and a \$90 per-semester-hour fee. Students are also liable for all course lab fees. All students enrolling under this policy are required to complete the Auditing: Information and Request Form, which is available in the Registration and Financial Services Office.

Applicants requesting to only audit a course are subject to the standard admission requirements.

Some programs of the College, e.g., Piano, Voice, Nursing and online education courses are not available for audit.

GRADE POINT AVERAGE (GPA)

Grade-point average (GPA) is determined by assigning point values to letter grades for each semester hour earned at Columbia College. Quality points are assigned as follows: A = 4, B = 3, C = 2, D = 1, F = 0.

For example, if a student completes the following 16 credit hours in a semester, his or her GPA would be calculated as follows:

Course	Credit hours	Grade	Total Quality Points
English Composition	3	B	9
Biology	5	C	10
American History	3	B	9
Introduction to Business	3	A	12
Art and Ideas	2	A	8
	16		48

Divide the total number of quality points earned (48) by the total number of credit hours attempted (16). The GPA for that semester is 3.0 (B).

If a student fails a course, he/she receives no quality points for the course credit hours attempted. This failure adversely affects total quality points since the hours failed remain part of the formula for computing the GPA.

The cumulative GPA is determined by dividing the total quality points earned by the total credit hours attempted at Columbia College. Courses that are repeated or taken on a pass/fail (S-U grade) basis are not considered when determining a semester or cumulative GPA. See section "Repeating a Course."

CHANGES OF GRADE

A change in grade may be made when a computational error has been made by the instructor or when a processing error has been made in the Student Records and Transcripts Office. Request for a grade change is honored only when approved by the Executive Vice President and Dean for Academic Affairs.

CLASSIFICATION

Students are designated freshmen, sophomores, juniors, and seniors according to the following standard of completed credit hours:

0 – 23.9	Freshman
24 – 51.9	Sophomore
52 – 83.9	Junior
84 – 120+	Senior

According to United States Department of Education regulations and Missouri Coordinating Board for Higher Education policy, all students applying for federal and/or state financial assistance must maintain satisfactory progress in a degree program to receive funding. Satisfactory progress is measured in terms of qualitative, quantitative and maximum time frame standards. Once a student receives financial aid, all course work in prior terms will count toward these standards.

DIRECTED STUDY

Directed study is available in most academic

disciplines. Its purpose is to allow students to undertake additional, in-depth study of a topic that transcends the existing coursework described in the academic catalog. Directed study is not available for audit (see Audit above).

Students enrolling in these courses work closely with a selected faculty member, meeting on a regular basis and working toward a mutually agreed-upon goal. Students approach a faculty member with a written proposal. If the proposal is approved, the faculty member and the student then complete the application form. The application form is to be submitted to the Executive Vice President and Dean for Academic Affairs for final approval. The proposal is to be attached to the form, which also requires approval by the supervising faculty member and his/her department chair.

This contract defines the title of the study, the learning objectives, resources to be used, evaluation methods to be employed and other academic information. Since it is retained in the student's academic file, the proposal must be completed on the college form that is available in the Registration and Financial Services Office.

To be eligible for Directed Study, students must meet the following requirements: (1) completion of at least 45 semester hours of coursework, (2) prior completion of at least 6 semester hours in the discipline of the proposed study and (3) a cumulative GPA of 3.0 or higher.

INCOMPLETE COURSEWORK

The grade of I (Incomplete) is reserved for "extraordinary circumstances" that prevent a student from completing the requirements of a course by the end of the semester. Extraordinary circumstances is narrowly interpreted to mean unforeseen, unexpected circumstances beyond a student's control that prevent continued attendance in all classes (death of an immediate family member, a change in the student's employment, mental or physical illness befalling the student or a member of his/her immediate family). The request for an Incomplete must be initiated by the student and only the instructor may grant an incomplete. In such cases the instructor makes specific written arrangements with the student for making up the grade.

If a student receives an Incomplete, he/she must complete all work by the end of the following semester (or by the end of two eight-week sessions) unless the instructor requires a shorter completion date. Extensions beyond one semester completion time must be granted in writing by the instructor. Subsequent extensions must be

approved by the Executive Vice President and Dean for Academic Affairs. The student is responsible for this deadline. Incompletes that are not finished are to be permanently recorded by the instructor as I or any other grade.

When incomplete work in a course is completed, the instructor is responsible for reporting the letter grade that replaces the I on the student's permanent record to Student Records and Transcripts.

PASS/FAIL

Students may elect to take one course per semester on a pass/fail basis. These may not be courses in the declared major. (Exception: Honors projects in the major may be taken pass/fail.) Certain courses, by program definition, are always taken on a Satisfactory/Unsatisfactory basis. Students may take one additional course per semester on a pass/ fail basis if they are enrolled in a course only offered on a satisfactory/unsatisfactory basis. To receive a grade of S, work must equal the work of other students who earn an A, B, or C. Further details are available from faculty advisors.

Students should designate at the time of registration that they wish to take a course pass/fail. Each term, students enrolling in a course pass/fail may change from pass/fail to the standard grading system (A, B, C, D, or F) or from the standard grading system to pass/fail up to the end of the first quarter (usually 4 weeks for a semester, 2 weeks for an eight-week session) of that term. Courses taken on a pass/fail basis are not considered when determining Dean's List eligibility.

REPEATING A COURSE

Most Columbia College courses may be repeated at Columbia College in an attempt to improve the grade. The grade earned the second time the course is taken is used to determine grade-point average, and the first grade is identified as R (Repeat) on the transcript. The first grade is not included in total hours attempted or the grade-point average. In all cases, the second grade is the one that is recorded. No duplicate credit is given.

Some courses may be taken multiple times for credit i.e., MUSI 160/360 Jane Froman Singers. Each enrollment adds hours and impacts the grade-point average. Further details are available from the Director of Advising. Students who use federal financial aid assistance must check with the Registration and Financial Services Office to determine financial liability when repeating a course. A course repeated in transfer will not

cause a grade change or a notation of R in a Columbia College course. In most cases, the transfer course will not be accepted as it will be considered a duplication of coursework. If both courses are needed on the record for a specifically approved reason (For example, ENGL 111 completed with Columbia College with a grade of D and repeated in transfer with a grade of C) then it will result in an increase in overall needed hours for degree completion as well as an increase in residency hours needed.

Once a baccalaureate degree has been awarded the degree GPA is frozen. Subsequent coursework and grades will not be calculated as part of the initial degree GPA. Coursework completed as part of the initial degree may be repeated but the subsequent grade will not replace the initial grade. Both courses and grades will be reflected on the record and both will be calculated into the overall Columbia College GPA. Coursework which repeats credit applied toward an initial degree does not count towards the required 24 additional hours in residence for a subsequent degree.

CANDIDACY FOR DEGREE

Declaration of candidacy for degree must occur **no later** than one session prior to the last session of enrollment. File the form by the early spring if you anticipate an October or December degree completion date. File the form by early Fall if you anticipate a March, May or July degree completion date. Candidacy forms are available via eServices under the link "Declaration of Candidacy for Degree." The form cannot be filled out earlier than one year prior to your anticipated degree completion term. The graduation processing fee will be automatically charged to your account.

Responsibility for understanding and meeting graduation requirements rests entirely with the student.

Filing the Declaration of Candidacy for Degree form indicates anticipated degree completion. **It does not confirm participation in a commencement ceremony. Ceremony participation is a separate process that also occurs via eServices.** Deadline to sign up to participate in the December Commencement Ceremony is in mid-October. The deadline to sign up to participate in a May Commencement Ceremony is in mid-March. Failure to sign up for participation by the deadline date results in a later commencement opportunity.

MAIN CAMPUS COMMENCEMENT CEREMONY PARTICIPATION

Students who complete their degrees in March and May are eligible to participate in the May commencement ceremonies of the same year. July graduates who request to participate in the May ceremony of the same year are allowed to do so without appeal (see detailed information below).

Students who complete their degrees in October and December are eligible to participate in the December commencement ceremony of the same year. March graduates who request to participate in the preceding year's December ceremony are allowed to do so without appeal (see detailed information below). July graduates who request to participate in the December Ceremony of the same year are allowed to do so without appeal (see detailed information below).

Students with degree completion dates other than the ones listed must appeal to participate in a different ceremony. Students who request to participate after the deadline date must appeal. Appeals are filed in the Evaluations Department and coordinated with the Executive Vice President and Dean for Academic Affairs.

JULY GRADUATES

GUIDELINES FOR JULY GRADUATES TO PARTICIPATE IN THE MAY COMMENCEMENT CEREMONY

To be eligible to participate in a May Commencement Ceremony, students anticipating a July degree completion date must file a *Declaration of Candidacy for Degree* form prior to the May ceremony participation deadline. A degree audit will determine eligibility. Students who are not cleared for a July degree completion date will not be eligible for participation in the May ceremony. They will default to a later date as well as a later commencement opportunity. Any exceptions will be via written appeal, submitted via the Evaluations Department and coordinated with the Executive Vice President and Dean for Academic Affairs.

July graduates who opt to participate in a May ceremony will not be eligible for the President's Award as it is based on a final, cumulative GPA of 4.0 and cannot be determined prior to final coursework completion.

July graduates who do not participate in a preceding May ceremony are eligible to participate in the following December ceremony. Graduates must contact the Evaluations Department in October to sign up for participation.

MARCH GRADUATES

GUIDELINES FOR MARCH GRADUATES TO PARTICIPATE IN THE DECEMBER COMMENCEMENT CEREMONY

To be eligible to participate in the preceding December Commencement Ceremony, students anticipating a March degree completion date must file a Declaration of Candidacy for Degree form prior to the December ceremony participation deadline. A degree audit will determine eligibility. Students who are not cleared for a March degree completion will not be eligible for participation in the December ceremony. They will default to a later degree completion date as well as a later commencement opportunity. Any exceptions will be via written appeal, submitted via the Evaluations Department and coordinated with the Executive Vice President and Dean for Academic Affairs.

March graduates who opt to participate in a December Commencement Ceremony will not be eligible for the President's Award as it is based on a final, cumulative GPA of 4.0 and cannot be determined prior to final coursework completion.

March graduates who do not participate in a preceding December ceremony are eligible to participate in the following May ceremony. Graduates must contact the Evaluations Department in February to sign up for participation.

VIRTUAL COMMENCEMENT

While not all students are able to participate in a physical commencement ceremony everyone is able to participate in Columbia College's Virtual Commencement ceremony. The virtual commencement website allows graduates and their family and friends, who may have been unable to attend a ceremony, the opportunity to share in this momentous event.

The virtual commencement ceremony contains a message from the President of Columbia College, the President of the Alumni Association, a Commencement Address, reading of graduate names and a view of a diploma for each. In addition, guests can view graduate profiles and sign the guestbook to offer congratulations.

GRADUATION REQUIREMENTS see "CATALOG CHANGES"

INTERNSHIPS

Internships are in-depth, practical learning experiences wherein students are placed in various agencies and/or organizations compatible with their academic majors and educational interests. Internships are supported by the College's academic mission and by the belief that theoretical knowledge is enhanced by and through the application of that knowledge.

As learning experiences, internships are coordinated by faculty working in conjunction with a designated supervisor in the agency or organization. A formal contract is developed in cooperation with the student, the faculty member, and the agency supervisor. This contract defines the nature and objectives of the learning experience and the responsibilities of each party involved. Specific requirements vary with the academic programs and agencies involved.

Internships are available in the junior or senior academic years. Two course numbers are assigned for internships: 399 and 499. Students enroll for credit during the term in which they undertake the internship. They may enroll for credit up to a maximum of 12 semester hours at each level; however, some departments may limit the number of hours for internship (refer to Course Descriptions for additional information on hours limitation). Some programs require a cumulative GPA of 3.0 or higher for enrollment in internships.

Students are expected to work in an agency or organization for a minimum of 45 clock hours for every semester hour for which they enroll. In other words, if a student enrolls for an internship worth 9 semester hours, the student is expected to work 405 clock hours during the term in which enrollment takes place.

Evaluation of student performance is made by the faculty member and the agency supervisor. The successful completion of contracted papers, projects and tasks must occur before credit is given. If a student is dismissed from an internship position by the agency for legitimate reasons (a situation tantamount to being fired), the student fails the course. However, if a situation beyond the student's control results in that student's inability to complete the course, then the student must initiate action through the faculty member to find an alternative resolution.

OVERLOAD

Students are charged an overload fee calculated from their semester enrollment status for hours above the eighteen-hour maximum. An overload of no more than three semester hours may be allowed in a semester with special permission from the Academic Affairs Office. Students requesting an overload must have a minimum cumulative grade point average of 3.0. Exceptions to the overload tuition fee are overloads resulting from choir, newspaper production, resident-assistant class for one credit, ROTC and college-sponsored activities. The fee for three hours of overload credit is waived for students with a cumulative grade-point average of 3.75 or higher only if such students have accumulated at least 30 semester hours from Columbia College.

PROBATION, SUSPENSION, DISMISSAL, AND READMISSION

PROBATION

Students are placed on academic probation and may be suspended or dismissed if they fail to maintain the following cumulative GPA standards by the time they have attempted or completed the indicated number of hours, including hours accepted in transfer:

0-30.9 semester hours:	1.75 GPA
31-45.9 semester hours:	1.90 GPA
46 or more semester hours:	2.00 GPA

“Completed credit hours” refers to semester hours attempted by a student for all courses for which letter grades (A, B, C, D, F, S, or U) have been received. Semester hours accepted in transfer from other colleges count as completed semester hours for determining GPA requirements; but, since no letter grades are recorded for transfer credits, such credits are not computed in the numerical GPA.

If students are placed on academic probation, they may not hold appointed or elected offices in any student organization, they may not participate in intercollegiate athletic competition and they may not carry an overload.

If students are placed on academic probation, they must earn sufficient quality points during their probation term to bring the GPA to the standards stated above. If they fail to do so, they are suspended for the following regular academic term(s) (the next fall or spring semester or the next two evening sessions). Day students may not serve a suspension during summer session.

SUSPENSION

1. A suspension may be imposed on students who do not earn sufficient quality points to bring their GPA to the standards stated above. This occurs at the end of one probationary term for the following regular academic term(s) (the next fall or spring semester or the next two sessions). Students may appeal the academic suspension action.
2. Regular-admit students completing their first semester or session at Columbia College with a GPA of 0 may be suspended for one semester (Day student) or two sessions (Online or Evening student). Summer-admit students completing courses with a GPA of 0 may be suspended for two sessions.
3. Students admitted by the Admissions Review Committee (see Admissions section of this catalog) and who do not earn a 2.0 GPA may be suspended (see below).

Academically suspended students may be reviewed for readmission to Columbia College after an absence of one semester or two sessions.

DISMISSAL

Students may be dismissed from Columbia College if they are granted readmittance after their suspension and fail to achieve a satisfactory cumulative grade-point average in the next term (semester or session).

Academically dismissed students may be reviewed for readmission to Columbia College only after a three-year period has elapsed.

READMISSION

Students must write a letter of appeal to the Executive Vice President and Dean for Academic Affairs (EVP/DAA) and apply to the Admissions Office for readmission to the College after a suspension or dismissal period is completed. The EVP/DAA reviews the student record and makes a decision regarding eligibility to return, and establishes conditions of return. Readmission to the College is not automatic and does not establish student eligibility for financial aid.

NON-DEGREE SEEKING STUDENTS

Non-Degree seeking students must be in good academic standing in order to be eligible to re-enroll as a non-degree seeking student. Students who do not maintain this standard may be subject to probation or suspension.

Students who are suspended may be ineligible to apply for non-degree seeking status again. In

order to be reconsidered for admission to Columbia College, the student will be required to complete the process for degree-seeking students, including a review by the Admissions Review Committee.

REGISTRATION POLICIES

A student who registers in a Day class has all other semester hours registered during that 16 week period classified as Day semester hours, regardless of the Program (Evening, Online or Nationwide) in which the semester hours are taken. All hours, regardless of course venue, are charged at the Day Campus rate for the total hours registered.

Students register for courses prior to the beginning of each semester. If they are unable to register during the regular period, they may register late, upon payment of a late-registration fee. No registration is accepted after the first week of classes.

Columbia College policy allows day students to enroll for a full-time course load of up to 18 semester hours of credit in any one semester. A semester is defined as the sixteen-week term beginning in August and ending in December or the sixteen-week term beginning in January and ending in April or May. Semester hours are based on the number of hours per week students attend classes. A three semester hour course, for instance, requires students to go to classes approximately three hours a week for the entire semester. Semester enrollment status is calculated by adding all hours (day, evening, and Online education) for which students are properly registered.

REGISTRATION PROCESSES

Day students must meet with their advisor to choose an appropriate schedule of classes prior to registration. Prerequisites and other eligibility criteria, as listed in the catalog, are required. It is the student's responsibility to ensure that all prerequisites have been met prior to enrolling and if eligibility criteria have not been met, they will be unable to register for the course. Students who are behind in payment for the current or previous term will be blocked from registering until their account is cleared.

Students may register through eServices or by visiting the Registration and Financial Services Office located in Missouri Hall. Students without full financial aid are required to set up a payment plan or pay in full at the time of registration. Payment in full or the first deferred payment must be paid by August 1 (Fall semester) or December 27 (Spring semester). Failure to make this pay-

ment will result in the student's schedule and on-campus housing being cancelled.

CANCELLATION OF REGISTRATION

Students may cancel registration any time through the close of official registration by submitting a written notification of registration cancellation to the Registration and Financial Services Office. Once classes have started, students wishing to discontinue enrollment must complete formal withdrawal procedures with the Dean for Student Affairs.

DAY STUDENTS ENROLLING IN EVENING, ONLINE OR NATIONWIDE CAMPUS CLASSES

- A. Students enrolled in the Day Program may be eligible to enroll in Evening, Online or Nationwide Campus courses, but only under special circumstances. Day students may enroll at any Columbia College Campus for the summer session without special permission.
- B. **Eligibility.** Day students requesting permission to enroll in Evening, Online or Nationwide Campus courses must meet one of the following eligibility criteria:
 1. They are seniors who, through no fault of their own, must enroll in a specific course to graduate. (If students postpone until their senior year taking a course that they could have taken earlier, they do not qualify for enrollment under this criterion.)
 2. They are students who will benefit educationally by taking a course that is not available in the day.
- C. **Requirements.** Students applying for enrollment in Evening, Online or Nationwide Campus courses must submit written evidence documenting why the course is not and was not available in the daytime. Students requesting permission to take a course other than those offered through the Day Program must complete a Day Student Enrollment for Evening, Online or Nationwide Campus Classes Form and obtain written approval from their faculty advisor, the Department Chair of their major and the Department Chair of the course.

Students paying at the per-hour tuition rate, may not exceed a combined total of 11.9 semester hours during any one term (a 16-week semester, or 8-week session, or a combination of both). If a student wishes to enroll and his or her total number of semester hours exceeds 11.9, then that student must pay the full-time tuition rate. Students enrolled part-time (less than 12 semester hours when all hours, regard-

less of the class location, are combined) will be charged the appropriate part-time Day tuition rate.

- D. Highest priority for enrollment in Evening, Online or Nationwide Campus courses is accorded students who have completed at least 84 hours toward a degree at Columbia College and who, through no fault of their own, cannot satisfy all graduation requirements during the Day and for whom no other options are available and therefore request to enroll in an Evening, Online or Nationwide Campus course to graduate.

CHANGES IN REGISTRATION

Final dates for courses to be added or dropped are listed for each semester on the official College calendar in this catalog. Final dates are also published by the Student Records and Transcripts Office.

ADDING A COURSE

Day students may add courses during the first week of a semester. Forms are available in the Registration and Financial Services Office. The forms must be returned to the Registration and Financial Services Office before the end of the add period to be registered for the courses. It is recommended that students obtain advisor approval prior to adding or dropping courses. At that time, courses are added to the students' schedules if space is available in the class.

DROPPING A COURSE

Day students may drop a course(s) through the first business day of the second week of the semester without financial liability and academic penalty (not applicable to total withdrawal). After the drop period, students are financially and academically liable for all courses. If a student withdraws from school (i.e., drops all classes) then he/she may be eligible for pro-rated tuition credit depending on the completion date of the total withdrawal process (see section on Total Withdrawal from Columbia College). Drop forms are available in the Registration and Financial Services Office.

CANCELLATION OF REGISTRATION

Students may cancel registration any time through the close of official registration by submitting a written notification of registration cancellation to the Registration and Financial Services Office. Once classes have started, students wishing to discontinue enrollment must complete formal withdrawal procedures with the Dean for Campus Life.

WITHDRAWAL

TOTAL WITHDRAWAL FROM COLUMBIA COLLEGE

The Dean for Student Affairs establishes the official date of withdrawal for day students based upon the date the student initiates the process by visiting Student Affairs. Information regarding academic and financial liability is available in the Student Affairs Office.

All withdrawals by Day students for extraordinary circumstances must be approved by the Executive Vice President and Dean for Academic Affairs and Dean for Student Affairs. Requests for approval must be submitted in writing when withdrawal procedures are initiated. A request for a grade(s) of WE (Withdrawal/Excused) must be accompanied by a letter from the student explaining the circumstances as well as substantiating documentation. Grades of WE may be requested through the last day of class (finals week excluded). It is not automatic and is subject to review and approval. **All classes currently enrolled in must be included in the WE request.**

A WE cannot be granted unless all courses in which the student is enrolled in are dropped.

If a student is administratively withdrawn from school, the withdrawal date will be established by the office responsible for the action. Tuition, room and board will be prorated according to the schedule listed in the portion of the catalog entitled "FEES". No credit will be given for nonrefundable deposits, laboratory or course fees, etc.

WITHDRAWAL FROM A COURSE

A student may withdraw from a course or courses with a grade of "W" between the end of the drop period and prior to the end of the 12th week of classes. Students do not receive grade points for Withdraw (W) grades, but a notation appears on the transcript. Financial liability is not reduced when a student withdraws from a course.

Discontinuing class attendance does not constitute withdrawal from a course. Students must complete the withdrawal process by submitting the completed Withdrawal form to Registration and Financial Services. Withdrawal requests must be received in writing and become effective when a staff member in Registration and Financial Services or the Student Records and Transcripts Office receives the appropriate form from the student. If students do not complete the withdrawal process as outlined above, but discontinue attending class, they are in danger of receiving a grade of F.

Students who receive any form of Federal Title IV assistance, and who withdraw may be required by federal regulations to return some or all of the federal aid received. This includes the Federal Pell and SEOG grants, and the Stafford and PLUS loans. See the Financial Aid portion of the College catalog for additional information.

WITHDRAWAL AFTER THE PUBLISHED LAST DATE TO WITHDRAW

After the last date to withdraw (according to the academic calendar) students will not be allowed to withdraw without extraordinary circumstances. In such cases a “withdrawal excused (WE)” must be requested and submitted prior to the end of the term. (See below for criteria.) In the rare situation when a student can substantiate the inability to contact the campus, in any manner, prior to the end of the term, a WE will be considered but only within 60 days of the end of the term. Students should be aware that requesting a WE after the published date to withdraw does not guarantee that the student will be withdrawn nor does it eliminate the possibility of a punitive grade and/or financial obligation.

A student may also request a grade of W (withdrawn) from their instructor; however, the instructor is under no obligation to grant the request and the student is not guaranteed a grade of W. The request must be made prior to the end of the term and the student remains financially liable for all tuition and fees.

WITHDRAWAL EXCUSED

Students may request a withdrawal excused (WE) when extraordinary circumstances prevent them from completing a term; all courses in which the student is enrolled (both land-based and online) must be included in the request. Extraordinary circumstances are narrowly interpreted to mean the development of unforeseen, unexpected circumstances beyond a student's control. Examples of extraordinary circumstances include serious illness, death in the immediate family, significant change in the location and/or conditions of employment, or an unexpected call to active military duty or extended periods of TDY. Mere inconvenience and/or discomfort with the academic workload, minor schedule changes in employment, connectivity issues, etc. do not meet the definition of extraordinary, mitigating, or extenuating circumstance.

Request for a WE must be submitted in writing at the time withdrawal procedures are initiated. A letter from the student along with substantiating documentation of the extraordinary circumstances

must be provided (to the appropriate personnel depending upon program) by the last day of class (excluding finals week for Day Program students.) Students should be aware that a refund is not automatic; rather requests for financial consideration are subject to review and approval by the appropriate dean (depending upon program.) WE requests submitted during the regular published withdrawal period will be processed with a grade of W immediately; the grade will be changed to a WE if/when approval is received. Withdrawal requests which are submitted after the end of the withdrawal period will not be processed unless WE approval is received from the appropriate dean.

A student receiving any form of Federal Title IV assistance who withdraws from a course(s) with extraordinary circumstances, even with the College's concurrence, may be required by federal regulation to return some, or all of the federal aid received. The College follows federal guidelines concerning Return of Title IV Funds and does not have any authority to waive the rules regarding the return of federal assistance, even in extraordinary circumstances. This includes the Federal Pell and SEOG grants and the Stafford and PLUS loans. See the Financial Aid portion of the Undergraduate Catalog or contact the Registration and Financial Services Office for additional information.

INTERNATIONAL STUDENTS

Students in F-1 student status must adhere to the regulatory requirements outlined in the United States Federal Register, Part 8 of the Code of Federal Regulations. Students must register for and complete 12 semester hours each semester of enrollment. Failure to comply with this requirement constitutes a violation of status and can impose serious consequences.

To ensure that nonimmigrant students are able to cover any medical expenses in the United States, it is required that all international students purchase the insurance plan provided through Columbia College. Students in F-1 status will be charged for this insurance on their Columbia College student account upon enrollment for any number of credit hours. Students pursuing Optional Practical Training will be given the opportunity to continue insurance coverage. Payments will be divided in two segments and are due at the beginning of the fall and spring semesters. For questions and details about the mandatory insurance program, please contact the Director of International Programs.

Upon arrival on campus, international students must report to the International Programs Office.

Students need to bring the following documents: a valid passport, visa (stamp located inside the passport), I-94 card and all I-20 forms (Certificate of Eligibility for Non-Immigrant Student) issued to them throughout the duration of their studies in the United States. These documents will be reviewed and photocopied for the student's file. At this time, the Director will register the student in the Student and Exchange Visitor Information System (SEVIS).

Under SEVIS reporting requirements, the Designated School Official (DSO) must report the following information for each student no later than 30 days after the deadline for course registration:

1. Full-time enrollment
2. Student dropped below full-time without prior approval by the DSO
3. Student failed to enroll
4. Current address – defined as where the student is physically residing
5. Start date of next term or semester

For students in initial status, the deadline for reporting is 30 days from the report date on the SEVIS I-20 form. For continuing students, the deadline is 30 days from the beginning date of the term.

The DSO at Columbia College enters data and keeps records on all international students as well as their dependents. The DSO is required to update information in SEVIS within a given time period regarding certain events related to a student or the dependent spouse/child. These reportable events include, but are not limited to:

1. Change of legal name
2. Change of address, both in the United States and abroad
3. Failure to maintain status or complete the educational program
4. Early completion of the program prior to the end date on SEVIS Form I-20
5. Disciplinary action taken by the school against the student as a result of a conviction of a crime
6. Any other notification about the student's status

Students must report a change of name or address to the International Programs office within 10 days of the change. The DSO will update this information in SEVIS within 21 days.

As part of the record-keeping requirements under the F-1 regulations, the College must maintain the following information about each student:

1. Name
2. Date and place of birth
3. Country of Citizenship
4. Residential Address, both in the United States and abroad
5. Enrollment status: Full/Part-time
6. Date of Beginning of Activities
7. Degree Program and Field of Study
8. Practical Training Recommendations
9. Termination Date and Reason
10. Documents Required for Admission to Columbia College
11. Credits Completed Each Term/Semester
12. Photocopy of Form I-20

Students who are approved to enroll in online courses may only count one course, three semester hours, toward the total required to maintain a full course of study. Other courses must be traditional and land-based. Note: Students are not limited to take only one online course; however, only one online course counts toward maintaining a full course of study. Student enrollments will be checked each semester for compliance. For example, an undergraduate student taking nine semester hours of land-based courses and three semester hours through online has met the full course of study requirement while a student taking six hours of land-based courses and six hours of online courses has not.

In order to maintain F-1 status and ensure compliance with U.S. immigration law, it is imperative that students communicate with the Director of International Programs through the duration of their studies at the college.

If an emergency develops and an international student must withdraw from Columbia College prior to completing the program, the DSO must update SEVIS to indicate that the student has been authorized to withdraw. If the SEVIS record is updated with an approved early withdrawal, the student has a "grace period" of 15 days within which to depart the United States. Without DSO approval for early withdrawal, the student has no grace period and must depart immediately.

STUDENT'S RIGHT TO PRIVACY

The Family Educational Rights and Privacy

Act (FERPA) affords students certain rights with respect to their education records. These rights include:

1. **The right to inspect and review their education record within 45 days of the day the College receives a request for access.** Students should submit to the Registrar or Executive Vice President and Dean for Academic Affairs written requests that identify the record(s) they wish to inspect. The student will be notified of a time and place where the records may be inspected.
2. **The right to request the amendment of that part of a student's education record that the student believes is inaccurate or misleading.** The student should write to the Registrar, clearly identify the part of the record he/she wants changed and specify why it is inaccurate or misleading. If Columbia College decides not to amend the record as requested, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
3. **The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.** One exception, which permits disclosure without consent, is disclosure to school officials with legitimate educational interests. A school official is defined as a person employed by the College in an administrative, supervisory, academic or support staff position (including law enforcement unit and health staff); a person or company with whom the College has contracted (such as an attorney, auditor or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. Upon request, the College discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

4. **The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA.** The name and address of the Office that administers FERPA is:

Family Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-4605

Release of Directory Information – Under the provisions of the Act, Columbia College is allowed to disclose “directory information” without consent. “Directory information” is described as name, address, telephone number, e-mail address, dates of attendance, enrollment status, class, previous institutions attended, major field of study, awards, honors (including dean’s list), degree(s) conferred (including dates), past and present participation in officially recognized sports and activities, physical factors (height and weight of athletes), pictures and date and place of birth. “Directory information” is released at the discretion of the institution. However, students who do not wish any or all of this information to be released may prevent such release by completing and signing a *Request to Prevent Disclosure of Directory Information* available in the Registration and Financial Services Office. Also available in the Registration and Financial Services Office or on the website are forms a student may complete granting access of non-directory information (such as student’s account or grades) to parents or other individuals.

STUDENT RECORDS AND TRANSCRIPTS

It is imperative for daily operations that the College maintain accurate contact information on all students. It is the responsibility of the student to notify a college official by submission of the Columbia College Change of Address form regarding any discrepancies or changes to his or her contact information. This includes preferred mailing address and any and all telephone numbers. Students may also update their contact information in eServices.

The College maintains permanent records showing the progress of each student. Student records indicate the rates at which he or she is progressing, final grades in each subject for each semester or session, withdrawals from courses

and re-enrollments in subjects from which he or she had previously withdrawn.

The College maintains records through the last date of attendance or the effective date of their unofficial withdrawal.

Columbia College transcripts of permanent student records are confidential and cannot be released to anyone, except Columbia College instructors and officials, without the written permission from the student. Columbia College accepts transcript requests via mail, fax or in person. All requests must include the signature of the student whose record is being released. Payments may be made by cash, check, money order or credit card. The Transcript fee is \$7.50 per transcript (fee subject to change without notice).

Requests must include the student's full name, maiden or former name if applicable, dates of attendance, ID or SSN, birth date, the student's current address and phone number, the address where the transcript should be sent, the number of copies to be issued and the payment. Transcript Request Forms are available on the Columbia College website. A student's current account balance must be clear prior to the release of the transcript.

COURSE DESCRIPTIONS

The following descriptions are applicable to Columbia College courses wherever they are taught. Scheduling information (e.g., "Offered Fall") refers only to Day classes offered on the campus in Columbia unless otherwise noted.

The notation **G.E.** in a course description indicates that the course satisfies a General Education requirement of the College.

Many courses have prerequisite/corequisite requirements. It is the student's responsibility to fulfill prerequisite requirements before enrolling in the respective course(s). Failure to meet these preliminary requirements will result in being dropped from the course(s).

ACCOUNTING (ACCT)

Business Administration Department

ACCT 280 Accounting I (Financial) 3 hours
Introduction to the principles and concepts of accounting and the application of procedures relating to the complete accounting cycle. Preparation of financial statements for sole proprietorships, partnerships, and corporations is emphasized. Prerequisite: sophomore standing; MGMT 150 and MGMT 152 highly recommended. A grade of C or higher is highly recommended before progressing to ACCT 281. Offered Fall and Spring.

ACCT 281 Accounting II (Managerial) 3 hours
Application of procedures relating to transactions affecting corporations. Interpretation of financial statements for managerial purposes is emphasized. Prerequisite: ACCT 280 (grade of C or higher in ACCT 280 is highly recommended). Offered Fall and Spring.

ACCT 381 Federal Income Tax - Individuals 3 hours
Focuses on the federal income taxation of individuals. Emphasizes conceptual framework underlying the U.S. tax system as well as tax accounting procedures and federal tax law relating to the preparation of individual tax returns. Prerequisites: ACCT 281 and junior standing. Offered Fall.

ACCT 382 Intermediate Accounting I 3 hours
Development of accounting theory and practice as applied to: the institutional structure of financial accounting; conceptual framework and financial reporting; overview of accounting systems; review of accounting procedures; income statement; balance sheet; statement of cash flows; cash; receivables; valuation of inventories and cost of goods sold; and time value of money. Prerequisite: ACCT 281. Offered Fall.

ACCT 383 Intermediate Accounting II 3 hours
Development of accounting theory and practice as applied to: conceptual framework and financial reporting; acquisition, disposal and depreciation of long-term assets; current and contingent liabilities; long-term liabilities; owners' equity-contributed capital and retained earnings. Prerequisite: ACCT 382. Offered Spring.

ACCT 384 Intermediate Accounting III 3 hours
Development of accounting theory and practice as applied to: conceptual framework and financial reporting; complexities of revenue recognition; investments in financial instruments; leases; income taxes; pensions; accounting changes and error correction; and earnings per share. Prerequisite: ACCT 383. Occasional Offering.

ACCT 385 Accounting Information Systems 3 hours

Theory, design and implementation of Accounting Information Systems, including the business application of computerized spreadsheets, databases, and commercial software packages. Prerequisites: ACCT 281, CISS 170. Offered Spring.

ACCT 386 Managerial and Cost Accounting 3 hours

Accounting data and other financial data applied to the management of an enterprise. Cost accounting as a part of the spectrum of manufacturing costs is studied. Particular emphasis is placed on planning and controlling. Prerequisite: ACCT 281. Offered Spring.

ACCT 481 Federal Income Tax - Corporations 3 hours

Focuses on the federal income taxation of corporations and shareholders; corporate formation and capital structure; corporate distributions; corporate liquidations; penalty taxes on corporations; partnerships; S corporations. Prerequisites: ACCT 381 and senior standing. Occasional Offering.

ACCT 485 Fund and Government Accounting 3 hours

Study of accounting and reporting concepts, standards, and procedures applicable to city, county, and state governments, the federal government, and not-for-profit institutions. Prerequisite: 9 hrs. of accounting. Occasional Offering.

ACCT 488 Advanced Financial Accounting 3 hours

Policies and procedures used in preparing financial statements and reports. Prerequisites: ACCT 382 and ACCT 383. Occasional offering.

ACCT 489 Auditing I **3 hours**
Design, installation, and unification of accounting systems and the concepts and procedures used in auditing financial statements. Prerequisites: 12 hours of upper-level accounting including ACCT 382 and ACCT 383. Offered Fall.

ACCT 490 Auditing II **3 hours**
Focus is on practical application of the conceptual structure of the audit process, risk assessment in the audit process, evidence gathering and evaluation, and special topics to auditing a comprehensive audit case. Prerequisites: ACCT 382, 383, 384, and 489. Occasional Offering.

AEROSPACE STUDIES (ASCI)
Offered through the University of Missouri-Columbia. The course-numbering system is the same as that used at the university.

ASCI 1100 The Foundations of the United States Air Force **2 hours**
Introduces the Air Force and Air Force ROTC. Topics include professional appearance, military customs and courtesies, core values, equal opportunity and treatment, officer opportunities, group leadership problems. Applies communicative skills. Leadership Lab. Offered Fall.

ASCI 1200 The Foundations of the United States Air Force **2 hours**
Continues the introduction to the Air Force and Air Force ROTC. Topics include Air Force origins, organizations, major commands, installations, sister services (Army and Navy), group leadership problems. Applies communicative skills. Leadership Lab. Offered Spring.

ASCI 2100 The Evolution of USAF Air and Space Power **2 hours**
A survey course designed to facilitate the transition from Air Force ROTC cadet to Air Force ROTC officer candidate. Explores Air Force heritage, Air Force leaders and Air Power doctrine. Applies communicative skills. Leadership Lab. Offered Fall.

ASCI 2200 The Evolution of USAF Air and Space Power **2 hours**
Continues the transition from cadet to officer candidate. Expands leadership topics through the use of group leadership problems. Applies communicative skills. Leadership Lab. Offered Spring.

ASCI 3100 Air Force Leadership Studies **3 hours**
An integrated leadership and management survey course emphasizing development of the individual as an Air Force leader. Special topics include situational leadership, principle centered leadership, corrective

supervision and counseling. Leadership Lab. Offered Fall.

ASCI 3200 Air Force Leadership Studies **3 hours**

Air Force leadership principles are examined from the foundation developed in ASCI 3100. Ethical decision making, personal core values, and character development are discussed. Military evaluation systems are outlined. Leadership Lab. Offered Spring.

ASCI 4100 National Security Affairs/Preparation for Active Duty **3 hours**

Examines the national security process, regional studies, Air Force and joint doctrine. Special topics include the military as a profession, and civilian control of the military. Continued emphasis on communicative skills. Leadership Lab. Offered Fall.

ASCI 4200 National Security Affairs/Preparation for Active Duty **3 hours**

Examines civilian control of the military, officership, the military justice system, and current issues affecting military professionalism. Continued refinement of communicative skills. Leadership Lab. Offered Spring.

AMERICAN SIGN LANGUAGE (AMSL)

Humanities Department

AMSL 101 American Sign Language I **3 hours**
An entry level introduction to American Sign Language and fingerspelling. Designed to explore the fundamentals of ASL including basic vocabulary and language structure. Students are engaged in active language production using authentic conversations within the classroom environment. *Course meets three hours of Foreign Language graduation requirement.* Offered Fall.

AMSL 102 American Sign Language II **3 hours**
This course is designed to expand more on ASL grammar, vocabulary and language structure. Students are engaged in active language production using authentic conversations within the classroom environment. Prerequisite: AMSL 101 with a grade of C or higher. *Course meets three hours of Foreign Language graduation requirement.* Offered Spring.

AMSL 201 American Sign Language III **3 hours**
This third course in American Sign Language (ASL) is designed to enhance students' receptive and expressive skills at an advanced intermediate level. Emphasis is placed on the ASL syntax, facial grammar, vocabulary and fingerspelling skills that enable students to

participate in increasingly more complex conversations. Prerequisite: Grade of C or higher in AMSL 102. Occasional offering via the Evening Campus.

AMSL 202 Deaf Culture 3 hours
Introduction to concepts and issues in Deaf culture and the Deaf community, such as history of Deaf people, the community and culture of Deaf people, and literature and folklore of Deaf people. This course emphasizes the Deaf community as a linguistic and American cultural minority, and the importance of language, values, traditions and diversity in this group. Prerequisite: Grade of C or higher in AMSL 102. Occasional offering via the Evening Campus.

AMSL 301 American Sign Language IV 3 hours
This course continues to build upon students' receptive and expressive skills at the advanced level while expanding their knowledge of Deaf culture and the influences of other English-based sign systems. Emphasis is placed on advanced finger spelling, ASL structure and advanced vocabulary. Prerequisite: Grade of C or higher in AMSL 201. Occasional offering via the Evening Campus.

AMSL 302 American Sign Language V 3 hours
The emphasis is on non-verbal communication at advanced levels of competency. This course continues to build upon students' receptive and expressive skills at the advanced level while expanding their knowledge of Deaf culture and the influences of other English-based sign symptoms. Emphasis is placed on advanced fingerspelling, ASL structure and advanced vocabulary. Prerequisite: Grade of C or higher in AMSL 301. Occasional offering via the Evening Campus.

AMSL 303 American Sign Language Grammar 3 hours
Students acquire a more indepth knowledge about the structure of American Sign Language and the major grammatical features of ASL. The goal of this class is to increase understanding of the grammar involved in ASL. Course covers word order, non-manual signals, and how to transfer sign to paper, through a technique called "gloss". Prerequisite: Grade of C or higher in AMSL 102. Occasional offering via the Evening Campus.

AMSL 304 Linguistics of American Sign Language 3 hours
An analysis of the major structural elements of American Sign Language, including phonological, morphological, syntactic, semantic, and discourse and social linguistics. Students also examine discourse markers, sign variation and prosody. Prerequisite: Grade of C or higher in AMSL 102. Occasional offering via the Evening Campus.

AMERICAN STUDIES (AMST)

History and Political Science Department

AMST 280 American Political and Social Thought 3 hours

American political thought from the colonial period to the present using writings of notable political figures, scholars and others. Cross-listed as POSC 280. Prerequisite: ENGL 112. Offered odd Fall.

AMST 375 Social Movements 3 hours

The examination of social movements, from what conditions facilitate their development to how success is measured. Focus on sociological analysis of a wide variety of social movements of 20th century American society and their significance for American society: the Progressive era reform movements, the labor movement, the women's movement, the environmental movement, the gay rights movement, the civil rights and other racial/ethnic movements of the 1960s, as well as free speech and anti-war movements of the period. Cross-listed as SOCI 375. Prerequisite: Junior standing. Offered odd Spring.

AMST 490 American Studies Senior Seminar 3 hours

A seminar course required as a culminating experience prior to graduating for all seniors majoring in American Studies. The seminar enables students to practice the various theories and methods for the academic study of the American experience. The goals of the seminar are to help students attain information and conceptual tools needed for graduate work in American Studies, and to assess the achievement of the learning goals for the undergraduate major. To accomplish the first goal, students become familiar with the field of American Studies by reading and discussing a major work chosen by the instructor. To assess achievement of learning goals for the undergraduate major, students contribute to the field's literature by conducting original research on a topic of relevance to American Studies and composing a substantial paper on that topic. Prerequisite: Junior standing. Offered even Fall and even Spring.

ANTHROPOLOGY (ANTH)

Psychology & Sociology Department

ANTH 101 Introduction to Geography 3 hours

Introduction to the distribution of people, activities, and environments around the world; geographic patterns and the interaction of humans with their surroundings are emphasized. Cross listed as GEOG 101. Offered Fall. **G.E. Course meets Multicultural graduation requirement.**

ANTH 112 General Anthropology 3 hours
Introduction to the study of human physical and cultural evolution. Cross-listed as SOCI 112. Occasional offering. G.E. *Course meets Multicultural graduation requirement.*

ANTH 212 Cultural Anthropology 3 hours
Introduction to the diversity of cultures and societies. Taking a comparative approach based on case studies from different regions of the world, the course explores some of the major themes of cultural anthropology, including economic and political systems, language, art, religion and worldview, kinship and gender relations. Offered Fall. *Course meets Multicultural graduation requirements.*

**ANTH 235 History and Democracy 3 hours
in the Modern Middle East**

The Middle East has been and continues to be among the most important regions of the world, religiously, economically, and politically, especially in terms of its formative effects upon the contemporary western world. As an introduction to the social, political, religious and intellectual history of the Middle East stretching from the pre-Islamic states to the present day, but with special attention paid to the period since 1800, this course pays particular attention to the following topics: the changing relationships among religion, political movements and everyday life; the nature of the Middle Eastern social and political institutions; tensions between reformatory and purifying impulses in Islamic religious currents; the Ottoman period, western imperialism, and the Eastern Question; paths of modernization; the Arab-Israeli conflict; and the historical context for the emergence of political Islam. Cross-listed as HIST 235. Offered odd Spring. *Course meets Multicultural graduation requirement.*

**ANTH 270 Minority Cultures and 3 hours
Relations**

Survey of historical and contemporary minority-majority relations among various racial, ethnic and gender groups. Focus on the social construction of race and ethnicity. Cross-listed as SOCI 270. Offered Fall and Spring. G.E. *Course meets Multicultural graduation requirement.*

**ANTH 327 Qualitative Research 3 hours
Methods**

Understanding qualitative research and developing qualitative research skills, examining exemplars in the field, exploring the various qualitative research methodologies such as participant-observation and in-depth interviewing and the theoretical and ethical dilemmas associated with each. Data collection, writing field notes and transforming such data into written ethnographic documents are emphasized. Cross-

listed as PSYC/SOCI 327. Prerequisites: Junior standing. Offered Spring.

**ANTH 336 Global Perspectives on 3 hours
Women and Development**

Critical analysis of the history and discourse surrounding development, with special emphasis on how the development process has affected women across the globe. Attention is paid to the often invisible connections between Western women and women in non-Western societies, including the perspectives and experiences of women across the globe. Topics include globalization; women, work and poverty within a global society; women, development and health; women and the state; the global sex trade; and motherhood across the globe. Cross-listed as SOCI/WMST 336. Prerequisite: Junior standing. Offered even Fall. *Course meets multicultural graduation requirement.*

**ANTH 341 Sociology and Anthropology 3 hours
of Religion**

Examines the sources and roles of religion in societies. Offers an introduction to the major sociological theories and concepts about religions and religious movements. Provides a cross-cultural approach to religious systems and practices. Focuses on how religion fosters social integration and community, but also power, oppression, and discrimination. These themes are discussed using examples of the religious perspectives on and experiences of women, gays/lesbians, and ethnic minorities. Cross-listed as SOCI 341. Offered odd Fall.

**ANTH 412 Slavery and Human 3 hours
Trafficking: Past and Present**

This course explores how slavery and the traffic of human beings have been justified, organized, and practiced in different cultures and at different times. Focusing on three particular world regions (Africa, Asia and the Americas), and covering both historical and contemporary forms of slavery, the course uses anthropological perspectives to examine definitions and representations of slavery, as well as the economic, political, and social forces that shape human exploitation cross-culturally. Cross-listed as SOCI 412. Prerequisite: Junior standing. Offered Fall.

ART AND GRAPHIC DESIGN (ARTS)

Art Department

ARTS 105 Art Appreciation 3 hours

Introduction to the place of visual art in modern society, to the vocabulary used in discussing a work of art, and to a few of the studio techniques artists used to produce two- and three-dimensional art works. Offered Fall and Spring. G.E.

ARTS 111 Art and Ideas I 3 hours
Survey of world art from prehistoric through medieval periods. Offered Fall. **G.E.** *Course meets Multicultural graduation requirement.*

ARTS 112 Art and Ideas II 3 hours
Survey of world art from the Renaissance to the present. Offered Spring. **G.E.**

ARTS 120 Drawing I 3 hours
Introduction to figure drawing from direct observation. \$30 lab fee. Offered Fall and Spring.

ARTS 130 Painting I 3 hours
Introduction to the fundamentals of oil painting. Prerequisite: ARTS 120. \$30 lab fee. Offered Fall and Spring.

ARTS 140 2-D Design 3 hours
Theoretical foundation for all fine arts. Includes the study and application of the elements and principles of 2-dimensional design. \$30 lab fee. Offered Fall and Spring.

ARTS 141 3-D Design 3 hours
Theoretical foundation for all 3-D fine art production. Includes the study and application of the elements and principles of 3-dimensional design. \$30 lab fee. Offered Fall and Spring.

ARTS 150 Creative Photography I 3 hours
Beginning black and white photo course, a foundation for all photography courses. Topics include basic camera operations, exposure, characteristics of light, concepts, composition, film processing, printing, print finishing, and discussion of the history of photography and issues related to photography. \$30 lab fee. Students supply *own* adjustable SLR film cameras. Offered Fall.

ARTS 152 Digital Photography 3 hours
Introduction to digital photographic imagery. Students explore a variety of creative techniques for digital artists and graphic designers. Students learn the fundamentals of digital camera operations, and a variety of creative techniques for manipulating photographic images using Photoshop. Topics include a digital portfolio of images for presentation that includes: still life, self-portraits, documentation, landscape, special effect, surrealism, night photography and more. Digital camera required (adjustable/high end; not a point and shoot camera). \$30 lab fee. Offered Spring.

ARTS 211 Watercolor I 3 hours
Beginning watercolor course that uses the figure, still-life and the landscape as its subject. \$30 lab fee. Prerequisite: ARTS 120. Offered Fall.

ARTS 216 Graphic Design I 3 hours
Basic course exploring layout, typography, and visual communication. Computer software including Adobe Illustrator, InDesign and Photoshop are introduced. \$30 lab fee. Offered Fall and Spring.

ARTS 222 Drawing II 3 hours
Figure drawing course using direct observation. Expands the figure drawing experience by using the figure as a compositional element and explores a variety of media and drawing techniques. \$30 lab fee. Prerequisite: ARTS 120. Offered Fall and Spring.

ARTS 232 Painting II 3 hours
Continuation of ARTS 130. This course continues to develop the basic understanding of the oil painting materials, techniques and color relationships with emphasis on composition. \$30 lab fee. Prerequisite: ARTS 130. Offered Fall and Spring.

ARTS 233 Topics 1-3 hours
Occasional offering.

ARTS 252 Creative Photography II 3 hours
Concentration of special techniques in 35mm and use of the zone system of photography. Topics include studio lighting, close-up photography, and a specialized method of exposure and development. Emphasis is on improving technique and visual awareness. \$30 lab fee. Students supply own adjustable cameras. Prerequisite: ARTS 150. Offered Fall and Spring.

ARTS 262 Printmaking I 3 hours
Introduction to printmaking and basic techniques in relief printing. \$30 lab fee. Prerequisite: ARTS 120. Offered Fall and Spring.

ARTS 271 Ceramics I 3 hours
Beginning study of three-dimensional principals of ceramics open to art majors and non-majors. The techniques of wheel throwing and hand building are introduced with an emphasis on the development of an understanding of the form and functions of utilitarian and non-functional projects in clay. The design quality and aesthetics of the project are emphasized. \$30 lab fee. Offered Fall and Spring.

ARTS 292 Jewelry I 3 hours
Introduction to metals. Exploration of the design and creation of personal jewelry forms using traditional fabrication techniques. Open to art majors and non-majors. \$30 lab fee plus metal cost. Offered Fall and Spring.

ARTS 300 Special Problems 3 hours
Advanced studies in studio art. \$30 lab fee. Offered Fall and Spring.

ARTS 301 3-D Modeling & Animation I 3 hours
Introduction to 3-D modeling and animation using

Maya 8.5. \$30 lab fee. Prerequisite: Sophomore standing. Occasional offering.

ARTS 302 Illustration 3 hours
Study of illustration and the media and techniques available. Both traditional and digital techniques are explored. \$30 lab fee. Prerequisites: ARTS 120, ARTS 130, ARTS 140. Offered Spring.

ARTS 306 Ancient Art History 3 hours
The art and culture of the Ancient World, including Near Eastern, Egyptian, Greek, Etruscan, and Roman Art. Prerequisites: ARTS 111 and 112. Offered Fall (2011, 2015, 2019).

ARTS 307 Flash Animation 3 hours
Beginning course in Flash Animation using a series of projects designed to cover the fundamental work flow used in producing vector and bitmapped animations. Prerequisite: Junior standing. Offered Fall.

ARTS 308 Medieval Art History 3 hours
Art of the Middle Ages. A survey of stylistic artistic developments in the Mediterranean basin and in Western Europe from 300 to 1400 A.D. Prerequisites: ARTS 111 and 112. Occasional offering.

ARTS 310 Renaissance Art History 3 hours
Painting, architecture, sculpture of Italy and Northern Europe from 1300 to 1600. Prerequisites: ARTS 111 and 112. Offered Fall (2012, 2016).

ARTS 311 Watercolor II 3 hours
Continuation of Watercolor I, emphasizing composition and its relation to watercolor painting. \$30 lab fee. Prerequisite: ARTS 211. Offered Fall.

ARTS 312 17th- and 18th-Century Art History 3 hours
Painting, architecture, sculpture in Europe during the Baroque and Enlightenment periods from 1600 to 1800. Prerequisites: ARTS 111 and 112. Offered Fall (2009, 2013, 2017).

ARTS 314 Nineteenth-Century Art History 3 hours
History of painting, architecture, sculpture in Europe, 1800 to 1900. Prerequisites: ARTS 111 and 112. Offered odd Spring.

ARTS 316 Graphic Design II 3 hours
In depth study of publication design and layout. Students work on the computer using Adobe InDesign and other graphics software. \$30 lab fee. Prerequisites: ARTS 140, 216. Offered Fall.

ARTS 323 Drawing III 3 hours
This course is a figure drawing course using direct observation. It expands the figure drawing experience by using the figure as a compositional element and explores a variety of media and drawing tech-

niques. \$30 lab fee. Prerequisite: ARTS 222. Offered Fall and Spring.

ARTS 334 Painting III 3 hours
This course is designed for the advanced painting students to synthesize their own visual ideas and personal direction. Experimentation of medium, techniques and ideas is encouraged. \$30 lab fee. Prerequisite: ARTS 232. Offered Fall and Spring.

ARTS 353 Creative Photography III 3 hours
This course teaches the techniques used in the field of graphic art and creative fine art photography. The more advanced principles of lighting, composition and photo layout are covered. \$30 lab fee. Prerequisite: ARTS 252. Offered Fall and Spring.

ARTS 354 Digital Imaging 3 hours
Introduction to approaches and techniques of digital imaging with specific emphasis on the use of Adobe Photoshop. Topics include technical and practical aspects of digital software, cameras, scanners, and printers. The course explores the technical and aesthetic potential of digital photography in both graphic design and fine art. \$30 lab fee. Prerequisite: Junior standing. Offered Spring.

ARTS 364 Printmaking II 3 hours
Development of the intaglio etching process into an art form. \$30 lab fee. Prerequisite: ARTS 262. Offered Fall and Spring.

ARTS 366 Printmaking III 3 hours
Continuation of Printmaking II. \$30 lab fee. Prerequisite: ARTS 364. Offered Fall and Spring.

ARTS 373 Ceramics II 3 hours
Continuation of the study of three-dimensional principals of ceramics. The techniques of hand building and the potter's wheel are introduced with an emphasis on the development of an understanding of the form and functions of both hand-built and wheel-thrown pottery. Digital video camera required. \$30 lab fee. Prerequisite: ARTS 271. Offered Fall and Spring.

ARTS 374 Digital Filmmaking 3 hours
An introductory level digital movie making course that builds basic skills in video pre-production, videography techniques, sound, digital video editing and software using Premier Pro. Students supply own digital video camcorder. \$30 lab fee. Prerequisite: Sophomore standing. Offered Fall.

ARTS 375 Ceramics III 3 hours
Continuation of the study of three-dimensional principals of ceramics. Advanced techniques of the potter's wheel, glazing, and firings are introduced with an emphasis on the development of an understand-

ing of the form and functions of both hand building and potter's wheel projects. \$30 lab fee. Prerequisite: ARTS 373. Offered Fall and Spring.

ARTS 394 Jewelry II **3 hours**
Exploration of the design and creation of personal jewelry forms using the lost wax casting process. \$30 lab fee. Prerequisite: ARTS 292. Offered Fall and Spring.

ARTS 396 Jewelry III **3 hours**
Advanced jewelry production techniques, including the exploration and experimentation of non-traditional materials and techniques in jewelry design. \$30 lab fee plus metal cost. Prerequisite: ARTS 394. Offered Fall and Spring.

ARTS 399 Art/Design Internship **1-3 hours**
Students complete 45 hours of experiential work for each semester hour. The internship should be directly related to the student's art major. For example, a graphic design student could work in an advertising agency and a photography student may work in a photography studio. Grades are assigned as S (satisfactory) and U (unsatisfactory). Students may register for no more than 12 art/design internship credits (399 and 499 combined) during their time at Columbia College. Prerequisites: Completed at least the introductory course in their major (ARTS 216 for a Graphic Design major, ARTS 150 or ARTS 152 for a Photography major, etc.); minimum 2.5 cumulative GPA at time of registration of internship; junior standing. Offered Fall and Spring.

ARTS 400 Special Problems II **3 hours**
Advanced studies in studio art. Prerequisites: Art major; junior standing and completion of six semester hours in the discipline of the proposed study. \$30 lab fee. Offered Fall and Spring.

ARTS 403 Twentieth-Century Art History **3 hours**
American and European painting, sculpture, and architecture, 1900 to present. Prerequisites: ARTS 111 and 112. Offered even Spring.

ARTS 406 American Art History **3 hours**
America's early primitive tradition to its leading role in the contemporary art scene. Prerequisites: ARTS 111 and 112. Offered Fall (2010, 2014, 2018).

ARTS 411 Watercolor III **3 hours**
Continuation of Watercolor II emphasizing color in water media painting. \$30 lab fee. Prerequisite: ARTS 311. Offered Fall.

ARTS 416 Graphic Design III **3 hours**
Advertising design, including packaging design, product promotion and point-of-purchase is covered.

Introduction to the basics of web design using DreamWeaver software (other software may be included or substituted). \$30 lab fee. Prerequisites: ARTS 316 and 354. Offered Fall and Spring.

ARTS 425 Drawing IV **3 hours**
Figure drawing course using direct observation. It expands the figure drawing experience by using the figure as a compositional element. Explores a variety of media and drawing techniques. \$30 lab fee. Prerequisite: ARTS 323. Offered Fall and Spring.

ARTS 433 Topics **1-3 hours**
Occasional offering.

ARTS 435 Printmaking IV **3 hours**
Continuation of Printmaking III with an emphasis on advanced processes intaglio and relief printmaking. \$30 lab fee. Pre-requisite: ARTS 366. Offered Fall and Spring.

ARTS 436 Painting IV **3 hours**
Continuation of ARTS 334. This course is designed for the advanced painting students to synthesize their own visual ideas and personal direction. \$30 lab fee. Prerequisite: ARTS 334. Offered Fall and Spring.

ARTS 454 Creative Photography IV **3 hours**
This is a portfolio preparation course. It concentrates on the professional presentation using design principals, shooting and lighting techniques, color, digital knowledge, structure, and presentation skills. \$30 lab fee. Prerequisite: ARTS 353. Students supply own adjustable camera. Offered Fall and Spring.

ARTS 465 Drawing V **3 hours**
This course is a figure drawing course using direct observation. It expands the figure drawing experience by using the figure as a compositional element and explores a variety of media and drawing techniques. \$30 lab fee. Prerequisite: ARTS 425. Offered Fall and Spring.

ARTS 466 Painting V **3 hours**
Continuation of ARTS 436. This course is designed for the advanced painting students to synthesize their own visual ideas and personal direction. \$30 lab fee. Prerequisite: ARTS 436. Offered Fall and Spring.

ARTS 476 Ceramics IV **3 hours**
Continuation of the study of three-dimensional ceramics. The emphasis is on individual expression in clay using both hand-building and wheel-throwing techniques. Experimentation with glazing and advanced firing techniques is encouraged. \$30 lab fee. Prerequisite: ARTS 375. Offered Fall and Spring.

ARTS 486 Watercolor IV **3 hours**
The emphasis of this course is on personal expression and the study of major artists who are known for their work in watercolor. \$30 lab fee. Prerequisite: ARTS 411. Offered Fall.

ARTS 496 Senior Portfolio **3 hours**
Culminating experience course for all Art degrees. This course is for both portfolio development and to provide information into the practical application of professional practices, business skills and career planning specific to the discipline of studio art and design. It assists the art/design major in building a professional career and/or pursuing advanced education or training. Students present a portfolio of their most recent work to faculty and guests at the end of this course. This portfolio is part of the Art Department's program assessment. Students select a faculty mentor to assist them in their portfolio project. This course is required of all BA, BS, and BFA students. Prerequisite: Senior standing. Offered Fall and Spring.

ARTS 498 Jewelry IV **3 hours**
Combination of jewelry form experimentation and research and is strictly experimental in both materials and forms with an emphasis in developing personal jewelry forms for commercial applications. \$30 lab fee plus metal cost. Prerequisite: ARTS 396. Offered Fall and Spring.

ARTS 499 Advanced Art/Design Internship **1-3 hours**
Students complete 45 hours of experiential work for each semester hour. The internship should be directly related to the student's art major. For example, a graphic design student could work in an advertising agency and a photography student might work in a photography studio. Grades are assigned as S (satisfactory) or U (unsatisfactory). Students may register for no more than 12 art/design internship credits (399 and 499 combined) during their time at Columbia College. Prerequisites: Senior standing; minimum twelve hours in specific art/design major (Graphic Design, Photography, Jewelry, etc.); minimum 3.0 GPA in major core classes at time of registration of internship. Offered Fall and Spring.

ASTRONOMY (ASTR) **Science Department**

ASTR 108 Introduction to Astronomy **3 hours**
A survey of the development of astronomy through the years. Topics covered include the historical evolution of our understanding of our place in the universe, astronomical instruments, the Earth-Moon system, the solar system, the Sun and other stars, galaxies and cosmology. Prerequisite: MATH 106 or above. Offered Spring. **G.E.**

BIOLOGY (BIOL) **Science Department**

BIOL 108 Human Biology **3 hours**
Examination of human structure and function and the relationships between humans and their environment, including other living things. Fundamental biological principles as they apply to humans are explored. This course is intended for non-majors and those majors who need an introductory course before enrolling in BIOL 110. Offered Fall and Spring. **G.E.**

BIOL 108L Human Biology Laboratory **2 hours**
Laboratory experiences to complement BIOL 108. \$30 lab fee. This course is intended for non-majors and those majors who need an introductory course before enrolling in BIOL 110. Prerequisite: BIOL 108 or concurrent enrollment. BIOL 108 must be completed before BIOL 108L can be used for **G.E.** credit. Offered Fall and Spring. **G.E.**

BIOL 110 Principles of Biology I **3 hours**
Fundamental processes underlying biological systems from a cellular and organismal viewpoint. Students majoring in Biology must earn a grade of C or higher. Prerequisite: Grade of C or higher in high school biology or BIOL 108 or ACT Math and English scores above 20 or SAT scores above 470. Offered Fall and Spring. **G.E.**

BIOL 110L Principles of Biology I Laboratory **2 hours**
Laboratory experiences to complement BIOL 110. \$30 lab fee. Prerequisite: BIOL 110 or concurrent enrollment. BIOL 110 must be completed before BIOL 110L can be used as **G.E.** credit. Students majoring in Biology must earn a grade of C or higher. Offered Fall and Spring. **G.E.**

BIOL 112 Principles of Biology II **3 hours**
A continuation of BIOL 110. Topics to be covered include population genetics, evolution and natural selection, taxonomy, survey of plants and animals and ecology and ecosystems. Prerequisite: BIOL 110. Students majoring in Biology must earn a grade of C or higher. Offered Fall and Spring.

BIOL 112L Principles of Biology II Laboratory **2 hours**
Laboratory experiences to complement BIOL 112. Students majoring in Biology must earn a grade of C or higher. \$30 lab fee. Prerequisites: BIOL 110 and BIOL 110L, BIOL 112 or concurrent enrollment. Offered Fall and Spring.

BIOL 115 Introduction to Environmental Science **3 hours**
Survey of environmental science, ecosystems and human impact. Cross-listed as ENVS 115. Offered Fall and Spring. *Course meets Multicultural graduation requirement.* **G.E.**

BIOL 115L Introduction to Environmental Science Laboratory 2 hours

Laboratory experiences to complement BIOL/ ENVS 115. \$30 laboratory fee. Cross-listed as ENVS 115L. Prerequisite: BIOL/ENVS 115 or concurrent enrollment. BIOL/ENVS 115 must be taken as a corequisite or completed before BIOL/ENVS 115L can be used as G.E. credit. Offered Fall and Spring. G.E.

BIOL 221 Clinical Microbiology 3 hours

A survey of microorganisms with emphasis on clinically important bacteria, viruses, protozoa, fungi and invertebrates. Emphasis placed on the health care applications of microbiology and transmission of infectious disease agents. Prerequisite: BIOL 110. Corequisite: BIOL 221L. Offered Fall.

BIOL 221L Clinical Microbiology Laboratory 2 hours

Laboratory experiences to complement BIOL 221. \$30 lab fee. Prerequisite: BIOL 110L. Corequisite: BIOL 221. Offered Fall.

BIOL 222 Conservation Biology 3 hours

Conservation biology is the science of maintaining biological diversity but it extends beyond pure science into areas such as philosophy, economics, law and sociology. This course focuses on biodiversity and how this diversity supports the function of ecosystems. Threats to biodiversity, particularly from human actions, and strategies for maintaining biodiversity are discussed. Cross-listed as ENVS 222. Prerequisite: BIOL 112. Offered odd Fall.

BIOL 223 Anatomy 3 hours

Structure of the human body including comparison with other vertebrates. Concurrent enrollment in BIOL 223L is required. Prerequisite: BIOL 110. Offered Fall.

BIOL 223L Anatomy Laboratory 2 hours

Laboratory experiences to complement BIOL 223. \$30 lab fee. Prerequisites: BIOL 110, BIOL 223 or concurrent enrollment. Offered Fall.

BIOL 230 Medical Terminology 3 hours

An introduction to medical terminology with an emphasis on learning word roots, suffixes and prefixes as it pertains to the human body. This course is offered online.

BIOL 233 Topics 1-3 hours**BIOL 255, 256, 257, 355, 356, 357, 455, 456, 457 Directed Study 1-3 hours****BIOL 290 Principles of Cell Biology 3 hours**

Theoretical foundations of basic cell biology, including structure, function and synthesis of the plasma membrane and subcellular organelles; cell adhesion and the extracellular matrix; cell transport, communication, divi-

sion, cancer and programmed cell death. Students majoring in Biology must earn a grade of C or higher. Prerequisites: BIOL 110; CHEM 109 or CHEM 110. Concurrent enrollment in BIOL 290L is strongly recommended. Offered Fall.

BIOL 290L Principles of Cell Biology Laboratory 2 hours

Laboratory experiences to complement BIOL 290. Students majoring in Biology must earn a grade of C or higher. \$30 lab fee. Prerequisites: BIOL 110L, BIOL 290 or concurrent enrollment. Offered Fall.

BIOL 300 Evolution 3 hours

Examination of the basic mechanisms of evolution and the importance of evolution to our understanding of life on earth. Genetics, natural selection, adaptation and the history of life are considered. Cross-listed as ENVS 300. Prerequisites: BIOL 112 and BIOL 342. Offered odd Fall.

BIOL 309 Animal Behavior 3 hours

Basic principles of animal behavior with an emphasis on the evolutionary forces that shape behavior. Cross-listed as PSYC 309. Prerequisite: Six hours of Psychology coursework or six hours of Biology coursework. Offered odd Fall.

BIOL 312 Microbiology 3 hours

Survey study of microorganisms. Concurrent enrollment in BIOL 312L is required. Prerequisites: BIOL 110, BIOL 290 and sophomore standing; concurrent enrollment in BIOL 312L is required. Offered Spring.

BIOL 312L Microbiology Laboratory 2 hours

Laboratory experiences to complement BIOL 312. \$30 lab fee. Prerequisites: BIOL 110L, BIOL 290L, and BIOL 312 or concurrent enrollment. Offered Spring.

BIOL 319 Soils 3 hours

An examination of soils. Topics include soil as a medium for plant growth, habitat for organisms, system for water supply and purification, recycling system for nutrients and organic wastes and engineering medium. Cross-listed as ENVS 319. Prerequisites: BIOL 110 or BIOL/ENVS 115; CHEM 110. Offered odd Spring.

BIOL 320 Ecology 3 hours

Basic principles of ecology with an emphasis on the factors affecting the distribution and abundance of organisms. Cross-listed as ENVS 320. Prerequisites: BIOL 112; BIOL/ENVS 320L or concurrent enrollment; BIOL/ENVS 222 recommended. Offered even Spring.

BIOL 320L Ecology Laboratory 2 hours

Laboratory experiences to complement BIOL/ENVS 320. Cross-listed as ENVS 320L. Prerequisites: BIOL 112L; BIOL/ENVS 320 or concurrent enrollment. Offered even Spring.

BIOL 324 Statistics for the Behavioral and Natural Sciences 3 hours

Study of parametric and nonparametric statistics commonly used in the behavioral and life sciences. Included are analyses of relationship and variance, as well as effect sizes associated with each. Cross-listed as PSYC/SOCI 324. **Students majoring in Biology or Psychology must earn a grade of C or higher.** Prerequisite: Grade of C or higher in MATH 150 or higher-level math course. Offered Fall and Spring.

BIOL 326 Physiology 3 hours

Functional processes of the human body with emphasis on regulatory mechanisms. Concurrent enrollment in BIOL 326L is required. Prerequisites: BIOL 110; CHEM 109 or CHEM 110. Offered Spring.

BIOL 326L Physiology Laboratory 2 hours

Laboratory experiences to complement BIOL 326. \$30 lab fee. Prerequisites: BIOL 110L, BIOL 326 or concurrent enrollment. Offered Spring.

BIOL 330 Exercise Physiology 3 hours

Metabolic and physiological processes of the body as they relate to exercise and athletic conditioning. Response of the body to environmental influence and nutritional intake. Effects of gender, aging, and fatigue on athletic performance. Prerequisites: BIOL 110 and CHEM 110. Occasional offering.

BIOL 342 Genetics 3 hours

Basic principles of Mendelian and molecular genetics. Students majoring in Biology must earn a grade of C or higher. Prerequisites: BIOL 110, BIOL 290. Offered Spring.

BIOL 342L Genetics Laboratory 2 hours

Laboratory experiences to complement BIOL 342; methodology and applications in classical and molecular genetics. \$30 lab fee. Students majoring in Biology must earn a grade of C or higher. Prerequisites: BIOL 110L with a grade of C or higher; BIOL 290L; BIOL 342 or concurrent enrollment. Offered Spring.

BIOL 343 Botany 5 hours

Anatomy, physiology and taxonomy of plants. Laboratory is included. \$30 lab fee. Prerequisites: BIOL 112 and BIOL 112L. Offered even Fall.

BIOL 353 Zoology 5 hours

Survey of animal phyla and vertebrate organ systems. Laboratory is included. \$30 lab fee. Prerequisites: BIOL 112 and BIOL 112L. Offered odd Fall.

BIOL 360 Kinesiology 3 hours

Introduction to the analysis and interpretation of human motion based on anatomical relationships, muscular activity and biomechanical principles that govern movement of the human body. Prerequisites: BIOL 110 and BIOL 223. Occasional offering.

BIOL 371 Neuroscience 3 hours

Comprehensive survey of the physiological processes and structures underlying human and animal behavior, including sensation, movement, emotion, learning, memory, sleep, drugs and abnormal behavior. Cross-listed as PSYC 371. Prerequisite: Six hours of PSYC courses or six hours of BIOL courses. Offered even Spring.

BIOL 372 Sensation and Perception 3 hours

Introduction to the study of human senses and higher-order perceptual processes. Cross-listed as PSYC 372. Prerequisites: Six hours of BIOL or six hours of PSYC courses and junior standing. Offered odd Spring.

BIOL 380 Developmental Biology 3 hours

Study of animal development, including gamete development and fertilization, embryonic development, mechanisms of cellular differentiation, cell-cell interactions during development and mechanisms of differential gene expression. Emphasis on understanding development at the cellular and molecular level. Prerequisites: BIOL 110; BIOL 290; CHEM 109 or CHEM 110. Offered even Fall.

BIOL 395 Research Design in the Sciences 3 hours

Study of applied research in the natural sciences, with special emphasis on experimental design and methodology, data generation and critical analysis, and scientific writing and presentation. Cross-listed as ENVS 395 and CHEM 395. Students majoring in biology, chemistry, or environmental science must earn a grade of C or higher. Prerequisites: Fifteen semester hours of BIOL, ENVS, and/or CHEM courses; junior standing; BIOL/PSYC/SOCI 324. Offered Fall and Spring.

BIOL 399 Science Internship 1-3 hours

Field experience working as an intern in a private or public agency. Supervised, on-site work is required. Forty-five clock hours of experiential work are required for each semester hour of credit. The directing faculty member must approve the internship placement. Grades are assigned as S (satisfactory) or U (unsatisfactory). Students may register for no more than 12 science internship credits (399 and 499 combined) during their time at Columbia College. Prerequisites: Junior standing; minimum 2.5 cumulative GPA at time of registration of internship. Offered Fall and Spring.

BIOL 410 Molecular Biotechnology 3 hours

Methodology and applications in molecular biology, with special emphasis on biotechnology. Prerequisite: BIOL 342 with a grade of C or higher. Concurrent enrollment in BIOL 410L is strongly recommended. Offered Fall.

BIOL 410L Methods in Molecular Biotechnology 2 hours

Laboratory experiences to complement BIOL 410. \$30 lab fee. Prerequisite: BIOL 342L with a grade of C or higher. Concurrent enrollment in BIOL 410 is required. Offered Fall.

BIOL 415 Immunology 3 hours

Theoretical foundations of immunology, including antibody and cell-mediated immune response; antibody-antigen interactions; and immune system disorders. Designed to prepare pre-professional students for later studies. Prerequisites: BIOL 110, BIOL 312. Offered odd Spring.

BIOL 420 Biochemistry 3 hours

Basic concepts and foundations of biochemistry, including structure and function of macromolecules; bioenergetics; enzyme function and regulation; metabolic pathways. Designed to prepare pre-professional students for later studies. Cross-listed as CHEM 420. Students majoring in Biology or Chemistry must earn a grade of C or higher. Prerequisites: BIOL 110 and CHEM 310. Offered Spring.

BIOL 420L Biochemistry Laboratory 2 hours

Laboratory teaching fundamental techniques in biochemistry. Cross-listed as CHEM 420L. Concurrent enrollment in BIOL 420 is required. \$30 lab fee. Students majoring in Biology or Chemistry must earn a grade of C or higher. Prerequisites: BIOL 110 and CHEM 310. Offered Spring.

BIOL 433 Topics 1-3 hours**BIOL 472 Psychopharmacology 3 hours**

Introduction to psychopharmacology and the mechanisms of drug action in the brain and on the body, including: the fundamentals of pharmacokinetics, pharmacodynamics, neuroanatomy, neurotransmission, tolerance and dependence. Major drug classes covered are sedative-hypnotics, anxiolytics, psychostimulants, opiates, hallucinogens, antipsychotics, antidepressants, and mood stabilizers. Cross-listed as PSYC 472. Prerequisite: Junior standing. Offered even Fall.

BIOL 490 Senior Seminar 3 hours

A seminar course required as a culminating experience prior to graduation for all seniors majoring in science. Students do library research project(s) in their major field. A grade of C or higher is required. Prerequisites: Senior standing, ENGL 112, BIOL 395. Offered Fall and Spring.

BIOL 499 Advanced Science Internship 1-3 hours

Field experience working as an intern in a private or public agency. Supervised, on-site work is required. Forty-five clock hours of experiential work are required for each semester hour of credit. The directing faculty

member must approve the internship placement. Grades are assigned as S (satisfactory) or U (unsatisfactory). Students may register for no more than 12 science internship credits (399 and 499 combined) during their time at Columbia College. Prerequisites: Minimum 15 hours of science coursework; senior standing; declared major in Biology, Chemistry or Environmental Science; minimum 3.0 GPA in major core classes at time of registration for internship. Offered Fall and Spring.

CHEMISTRY (CHEM)**Science Department****CHEM 108 Physical Science Survey 3 hours**

Examination of the physical world and its basic underlying scientific principles. Cross-listed as PHYS 108. Prerequisite: MATH 106 or higher. Offered Fall. **G.E.**

CHEM 108L Physical Science Survey Laboratory 2 hours

Laboratory experiences to complement CHEM 108. Cross-listed as PHYS 108L. CHEM 108 must be completed before CHEM 108L can be used for **G.E.** credit. Prerequisite: CHEM/PHYS 108 or concurrent enrollment. Offered Fall. **G.E.**

CHEM 109 Chemistry for Biological and Health-Related Sciences 3 hours

Fundamentals of chemistry for students entering biological or health-related fields. Topics include stoichiometry, chemical equations and reactions, properties of gases, solutions and electrolytes, acid/base properties and pH, an introduction to organic chemistry, and various aspects of chemistry important in biological systems. Prerequisites: MATH 106 or higher (or ACT math score of 21 or higher); CHEM/PHYS 108 (or high school chemistry course with a grade of C or higher). Offered Fall and Spring. **G.E.**

CHEM 110 Chemistry I 3 hours

Fundamental course in the principles of chemistry. Topics include stoichiometry, chemical equations, chemical reactions, properties of gases, properties of solutions, and thermochemistry. Students majoring in Biology or Chemistry must earn a grade of C or higher. Prerequisite: MATH 106 or higher (or ACT math score 21 or higher); CHEM/PHYS 108 (or high school chemistry course with a grade of C or higher). Offered Fall and Spring. **G.E.**

CHEM 111L Introductory Chemistry Laboratory Experience 2 hours

An experimental introduction to the physical and chemical properties of matter to complement CHEM 109 and CHEM 110. \$30 lab fee. Students majoring in Biology or Chemistry must earn a grade of C or higher. Prerequisite: CHEM 109 or CHEM 110 or concurrent enrollment. Offered Fall and Spring. **G.E.**

(CHEM 109 or CHEM 110 must be completed before CHEM 111L can be used for **G.E.** credit.)

CHEM 112 Chemistry II **3 hours**
A continuation of CHEM 110. Topics to be covered include kinetics, equilibrium electrochemistry, nuclear chemistry and coordination complexes. Students majoring in Biology or Chemistry must earn a grade of C or higher. Prerequisite: Grade of C or higher in CHEM 110. Offered Fall and Spring.

CHEM 112L Chemistry II Laboratory **2 hours**
Laboratory experiences to complement CHEM 112 to include the qualitative analysis of compounds. \$30 lab fee. Students majoring in Biology or Chemistry must earn a grade of C or higher. Prerequisites: CHEM 112 or concurrent enrollment; CHEM 111L with a grade of C or higher. Offered Fall and Spring.

CHEM 230 Environmental Toxicology and Chemistry **3 hours**
Analytic survey of factors which affect local and global environments. Provides students with an appreciation and understanding of the principles of environmental toxicology and chemistry including the sources, fate and effects of chemicals in the environment. Emphasis is on contemporary problems in human health and the environment. Cross-listed as ENV5 230. Prerequisite: CHEM 112. Occasional offering.

CHEM 233 Topics **1-3 hours**

CHEM 255, 256, 257, 355, 356, 357, 455, 456, 457 Directed Study **1-5 hours**

CHEM 306 Analytical Chemistry I **5 hours**
An overview of analytical chemical techniques with a focus on how data is collected, analyzed and interpreted. The development of analytical methods as well as analytical sampling are discussed as are tools used for the isolation and quantification of chemical samples. Laboratory work is included as part of this course. Students majoring in Chemistry must earn a grade of C or higher. \$40 lab fee. Prerequisites: CHEM 112 and CHEM 112L with a grade of C or higher; MATH 150 or MATH 180. Offered Fall.

CHEM 307 Analytical Chemistry II **5 hours**
A continuation of Analytical Chemistry I focusing on advanced analytical methods for the quantification in analytes in complex systems. Detailed discussions of chemical equilibrium, spectroscopy and current topics in analytical chemistry are included. Laboratory work is included as part of this course. Students majoring in Chemistry must earn a grade of C or higher. \$40 lab fee. Prerequisites: CHEM 306 with a grade of C or higher. Occasional offering.

CHEM 310 Organic Chemistry I **3 hours**
The first semester of a two semester course that surveys theory, preparations, reactions and proper-

ties of the compounds of carbon, both aliphatic and aromatic. Topics include alkanes, alkenes, alkynes, substitution and elimination reactions, aromaticity and spectroscopic techniques. Students majoring in Chemistry must earn a grade of C or higher. Prerequisite: Grade of C or higher in CHEM 112. Offered Fall.

CHEM 310L Organic Chemistry I Laboratory **2 hours**

Laboratory experiences to complement CHEM 310 focusing on separation/purification techniques. Students majoring in Chemistry must earn a grade of C or higher. \$30 lab fee. Prerequisites: CHEM 310 or concurrent enrollment; CHEM 112L with a grade of C or higher. Offered Fall.

CHEM 312 Organic Chemistry II **3 hours**
Continuation of CHEM 310 Organic Chemistry I. Topics include groups in organic chemistry such as alcohols, ethers, epoxides, sulfides, aldehydes, ketones, carboxylic acids and amines. Biomolecules are covered. Students majoring in Chemistry must earn a grade of C or higher. Prerequisite: CHEM 310 with a grade of C or higher. Offered Spring.

CHEM 312L Organic Chemistry II Laboratory **2 hours**

Laboratory experiences to complement CHEM 312 focusing on synthetic methods. Students majoring in Chemistry must earn a grade of C or better. \$30 lab fee. Prerequisites: CHEM 312 or concurrent enrollment; CHEM 310L with a grade of C or higher. Offered Spring.

CHEM 322 Inorganic Chemistry **3 hours**
A survey of the inorganic and organometallic chemistry of the elements. Topics include group theory, acid/base chemistry, solid state chemistry, main group elements, coordination chemistry and organometallic compounds and reactions. Prerequisite: CHEM 112. Offered odd Fall.

CHEM 395 Research Design in the Sciences **3 hours**

Study of applied research in the natural sciences, with special emphasis on experimental design and methodology, data generation and critical analysis, and scientific writing and presentation. Cross-listed as ENV5 395 and BIOL 395. Students majoring in biology, chemistry, or environmental science must earn a grade of C or higher. Prerequisites: Fifteen semester hours of BIOL, ENV5, and/ or CHEM courses; junior standing; BIOL/PSYC/SOCI 324. Offered Fall and Spring.

CHEM 399 Science Internship **1-3 hours**
Field experience working as an intern in a private or public agency. Supervised, on-site work is required. Forty-five clock hours of experiential work are required

for each semester hour of credit. The directing faculty member must approve the internship placement. Grades are assigned as S (satisfactory) or U (unsatisfactory). Students may register for no more than 12 science internship credits (399 and 499 combined) during their time at Columbia College. Prerequisites: Junior standing; minimum 2.5 cumulative GPA at time of registration of internship. Offered Fall and Spring.

CHEM 401 Introduction to Physical Chemistry/Chemical Physics 3 hours

Introduction to physical principles underlying chemical science. Topics include: thermodynamics, chemical kinetics and quantum mechanics. Cross-listed as PHYS 401. Prerequisites: CHEM 112, MATH 201, PHYS 111 or PHYS 211, PHYS 112 or PHYS 212 (may be a corequisite). Offered Spring.

CHEM 420 Biochemistry 3 hours

Basic concepts and foundations of biochemistry, including structure and function of macromolecules; bioenergetics; enzyme function and regulation; metabolic pathways. Designed to prepare pre-professional students for later studies. Students majoring in Biology or Chemistry must earn a grade of C or higher. Cross-listed as BIOL 420. Prerequisites: BIOL 110 and CHEM 310. Offered Spring.

CHEM 420L Biochemistry Laboratory 2 hours

Laboratory teaching fundamental techniques in biochemistry. \$30 lab fee. Cross-listed as BIOL 420L. Concurrent enrollment in CHEM 420 is required. Students majoring in Biology or Chemistry must earn a grade of C or higher. Prerequisites: BIOL 110 and CHEM 310. Offered Spring.

CHEM 433 Topics 1-3 hours

CHEM 490 Senior Seminar 3 hours

A seminar course required as a culminating experience prior to graduation for all seniors majoring in science. Students do library research project(s) from the field of natural sciences. A grade of C or higher is required. Prerequisites: Senior standing; ENGL 112; CHEM 306; a minimum of 26 hours of coursework with CHEM prefix. Offered Fall and Spring.

CHEM 499 Advanced Science Internship 1-3 hours

Field experience working as an intern in a private or public agency. Supervised, on-site work is required. Forty-five clock hours of experiential work are required for each semester hour of credit. The directing faculty member must approve the internship placement. Grades are assigned as S (satisfactory) or U (unsatisfactory). Students may register for no more than 12 science internship credits (399 and 499 combined) during their time at Columbia College. Prerequisites: Minimum 15 hours of science coursework; senior standing; declared major in Biology, Chemistry or Environmental Science and minimum 3.0 GPA in major

core classes at time of registration of internship. Offered Fall and Spring.

COLLEGE INTRODUCTORY STUDIES (COLL)

College Introductory Studies are skills courses and consist of the following: COLL 103, 104, 105, 106, 107, 108, 109, 177, 277, 377, 477; ESOL 100, 101, 102, 103, 104, and 105; ENGL 107; INCC 111; MATH 104 and MATH 106. **These courses may be used as elective credits toward a degree but do not fulfill general education requirements.**

COLL 103 Concepts of Physical Activity and Wellness 2 hours

Basic knowledge, understanding, and values of physical activity and wellness. Occasional offering.

COLL 104 Peer-Advising Skills Seminar – Part I .5 hour

Assists students in the development of basic skills needed to serve in Resident Assistant, Community Consultant, or Peer Educator positions. Offered Spring (1st 8 weeks).

COLL 105 Peer-Advising Skills Seminar – Part II .5 hour

Assists students in the development of basic skills needed to serve in Resident Assistant, Community Consultant, or Peer Educator positions. This is a continuation of the Peer Advising Skills Seminar – Part I. Offered Spring (2nd 8 weeks).

COLL 106 Strategic Studying Seminar .5 hour

Designed to help students make the transition to the college setting by enhancing their study strategies. Topics include note-taking, reading textbooks, memory and organizational strategies, and test-taking skills. Occasional offering.

COLL 107 Decision-Making and Career Planning .5 hour

This course improves student decision-making skills at a crucial point in life. Students perform exercises for self-exploration and discerning values and research employment trends and job markets to make the best match in choosing a career. Occasional offering.

COLL 108 Analytical Thinking Seminar .5 hour

Students improve analytical-thinking skills using in-class writing, take-home assignments, and group projects; they demonstrate their ability to sort out opinions, to interpret data, to recognize errors of perception, judgment, or reaction, to evaluate judgments, and to express their own opinions clearly and logically. Occasional offering.

**COLL 109 Communicating to Our World: .5 hour
An Introduction to Leadership**

Students learn about the social change model of leadership development. Through participation in the Emerging Leaders Institute (ELI), students have an opportunity to apply their learned knowledge to real life experiences. This class can only be taken by those chosen for the ELI Program. Offered Spring.

COLL 177 Study Tour Experiences 1 hour

Short term study abroad experience. Occasional offering.

COLL 225 Tutoring .5 - 3 hours

Students tutor in specific subject areas. A student earns one elective semester hour for 45 clock hours of tutoring time. The student arranges a tutoring schedule with the supervisor and enrolls in this course after completing the required clock hours for credit. Prerequisite: to be determined by the faculty or staff supervisor of each student enrolling for discipline-specific tutoring.

**ENGL 107 Developmental English 3 hours
Composition**

Comprehensive review of basic English grammar and writing skills as preparation for ENGL 111. Grade of C or higher is required. Prerequisite: Placement by ACT English Score or by SAT Verbal Score: students whose ACT English Score is from 1 to 17 or whose SAT Critical Reading Score is from 200 to 440 shall be placed in ENGL 107. Offered Fall and Spring.

**ENGL 107N Developmental English 3 hours
Composition**

Special class section for non-native speakers. Comprehensive review of basic English grammar and writing skills as preparation for ENGL 111. Grade of C or higher is required. Offered Fall.

ESOL 100 Grammar Skills I 3 hours

This course helps students whose primary language is not English build on their knowledge of English grammar required for oral and written communication. Class time is devoted to communicative and inductive exercises emphasizing select grammatical structures and features of English. As a result, students develop skills in understanding form, meaning, and use in longer and more varied discourse settings. Offered Fall and Spring.

**ESOL 101 Written Communication 6 hours
Skills I**

This course helps students whose primary language is not English develop written language skills necessary for academic work through an integrated program of reading and writing with additional attention to improving grammar and vocabulary skills. Offered Fall and Spring.

**ESOL 102 Oral Communication 3 hours
Skills I**

This course helps students whose primary language is not English develop oral language skills necessary for academic work through an integrated program of listening and speaking with additional attention to improving grammar and vocabulary skills. Offered Fall and Spring.

ESOL 103 Grammar Skills II 3 hours

This course continues to help students whose primary language is not English build on their knowledge of English grammar required for oral and written communication. Class time is devoted to communicative and inductive exercises emphasizing select grammatical structures and features of English. As a result, students develop skills in understanding form, meaning, and use in academic discourse settings. Prerequisite: Placement or successful completion of ESOL 100. Offered Fall and Spring.

ESOL 104 Oral Communication Skills II 3 hours

This course continues to help students whose primary language is not English develop oral language skills necessary for academic work through an integrated program of listening and speaking with additional attention to improving grammar and vocabulary skills. Prerequisite: Placement or successful completion of ESOL 102. Offered Fall and Spring.

**ESOL 105 Written Communication 3 hours
SkillsII**

This course continues to help students whose primary language is not English develop written language skills necessary for academic work through an integrated program of reading and writing with additional attention to improving grammar and vocabulary skills. Prerequisite: Placement or successful completion of ESOL 101. Offered Fall and Spring.

**INCC 111 Introduction to Columbia 1 hour
College**

Introduction to Columbia College and to the values of learning. The eight-week seminar provides students an opportunity to explore the goals of an ethics-based liberal arts education and to identify their role in the academic, cultural, and social community of Columbia College. The general education curriculum, degree requirements, college catalog, advising process, and student handbook will be introduced. Additionally, students will become familiar with the wide variety of resources available to help them meet their collegiate goals. **All freshmen are strongly encouraged to enroll in this seminar during their first semester.** Offered Fall and Spring.

**INCC 133 Topics: Introduction to 1 hour
Columbia College for
Student Support Services**

This eight-week seminar should be taken following INCC 111. It is designed to provide Student

Support Services (SSS) participants with an overview of the history, requirements, benefits and services provided by Columbia College's SSS program. Students assess and enhance their academic and interpersonal skills and expand their cultural knowledge and experience. Prerequisite: INCC 111 recommended. Offered Fall and Spring.

MATH 104 Beginning Algebra 3 hours
Introduction to the fundamental concepts of algebra. Review of arithmetic skills, skill development in areas of algebraic expression, equations, inequalities, applied problems, polynomials, factoring and rational expressions. Students must repeat the course the succeeding semester if a U, F, or D grade is awarded. Offered Fall and Spring.

MATH 106 Intermediate Algebra 3 hours
Second course in a three-course sequence in algebra; covers topics needed to bridge the gap between Beginning and College Algebra. Includes review of factoring and rational expressions. Skill development in the area of graphing linear equations and inequalities; solving systems of equations; radicals and rational exponents; quadratic equations; exponential and logarithmic functions. Students must repeat the course the succeeding semester if a U, F, or D grade is awarded. Prerequisite: A passing score on the Columbia College math placement exam or grade of C or higher in MATH 104. Offered Fall and Spring.

COMMUNICATION (COMM)

Humanities Department

COMM 110 Introduction to Speech 3 hours
This course introduces students to basic skills necessary to function effectively in public communication situations, including informative and persuasive speaking. In addition, students will develop abilities to analyze and evaluate oral discourse as a means of becoming informed consumers of communication. Offered Fall and Spring. **G.E.**

COMM 203 Understanding Human Communication 3 hours
Communication theories and models applied to intra-personal, interpersonal, small-group and public settings. Principles practiced in verbal and non-verbal forms. Offered Fall and Spring. **G.E.**

COMM 214 Mass Communication in Society 3 hours
History and development of the American mass media, to include examination of media roles in society, social advantages and disadvantages of media, and the role of the spectator/consumer towards the media. Prerequisite: COMM 110. Occasional offering.

COMM 220 Introduction to Theatre 3 hours
Introduction to the elements utilized during the production of a play as well as an emphasis on increased appreciation of numerous major performance styles and genres. Occasional offering.

COMM 224 Film History and Analysis 3 hours
Introduction to the world history of cinema from its origins to the present, featuring important and influential films of various types and genres from several countries. Basic formal and technical aspects of the medium and means of analysis are also introduced. Prerequisite: COMM 110. Occasional offering. *Course meets Multicultural Graduation Requirement. G.E.*

COMM 230 Introduction to Communication Theory and Research 3 hours
Introduction to theory, methodology, analysis, and criticism. Skills learned in this course are the beginning foundation of those required to complete the Capstone course and the major senior project. Prerequisites: Sophomore standing, completion of at least one COMM course, and a C average in all Speech Communication courses. Offered Fall

COMM 233 Topics 1-3 hours

COMM 303 Intercultural Communication 3 hours
Study of the role of communication in multicultural and intercultural contexts, including issues relating to values, language and non-verbal behavior as they relate to effective multicultural and intercultural interaction. Prerequisite: Sophomore standing. Occasional offering. *Course meets Multicultural graduation requirement.*

COMM 304 Introduction to Screenwriting 3 hours
This course is an introduction to the art and craft of screenwriting. Students learn basic principles of screenwriting, including how screenwriting differs from other writing styles. Students explore the screenplay style and format, character development and story arcs through a film treatment and short screenplay. Cross-listed as ENGL 304. Prerequisites: ENGL 112 and COMM 224. Offered even Fall.

COMM 313 Interpersonal and Small Group Communication 3 hours
An introduction to the process of communication as it operates in personal and small group relationships. Prerequisite: COMM 110. Offered even Fall.

COMM 320 Advanced Theatre 3 hours
Performance theory and criticism supporting current staging of monologues, duets and ensemble scripts in theatre and film. This course has a significant focus on advance acting skills and theatre on the global stage. Prerequisite: COMM 220. Occasional offering.

COMM 323 Advanced Public Speaking 3 hours and Persuasion

Detailed study and application of speech communication theory with an emphasis on the philosophical and theoretical foundations of persuasion. Prerequisite: COMM 110. Offered even Spring.

COMM 324 Film Styles and Genres: 3 hours (Specific Topic)

Intensive study of a specific body of films grouped by similarities in style, genre, period or cultural origin. Emphasis is on historical, theoretical, and critical issues. Topics vary. Sample topics: Documentary film; film adaptation; film authors; independent film; movie musicals. Course may be taken more than once when topic varies. Prerequisite: COMM 224. Occasional offering.

COMM 334 Political Economy of Film and Media 3 hours

Examination of the film industry and mass communication outlets as they pertain to political economy. Through the study of ownership as a business strategy and cultural construction, students explore the cultural influence of mass communication. Prerequisite: COMM 214 or COMM 224. Occasional offering.

COMM 343 Gender Communication 3 hours

Examination of the significant role of gender in human communication behaviors as enacted in social spaces of daily life. Cross-listed as WMST 343. Prerequisite: Sophomore standing. Occasional offering.

COMM 344 Visual Communication 3 hours and Culture

Introduction of basic principles of perception and visual interpretation. Analysis and discussion addresses the dependent processes of rhetorical visual communication in media and film studies, cultural studies, art, literature, and photography within the public sphere. Prerequisite: COMM 110. Offered even Fall.

COMM 360 Oral Interpretation of Literature 3 hours

Appreciation of poetry, prose and drama through oral performance. Prerequisite: COMM 110 and/or COMM 203 strongly recommended. Offered even Fall.

COMM 380 Performance Studies 3 hours

Examination of classical and contemporary views of performance as a way of constituting meaning as well as to affirm individual and cultural identity at the crossroads of race, class and gender. Prerequisite: COMM 360. Occasional offering.

COMM 385 Performance Styles and Genres: (Specific Topic) 3 hours

Intensive study of a major performance style and genre. Emphasis is on the historical, theoretical, and critical issues. Sample topics: poetry; personal narrative; performance art; prose; drama. Course

may be taken more than once when the topic varies. Prerequisite: COMM 360. Occasional offering.

COMM 393 Organizational Communication 3 hours

Examination of communication processes with emphasis on systems theories, leadership and interpersonal and group interaction in formal and informal organizational settings. Prerequisite: COMM 110. Occasional offering.

COMM 399 Communication Internship 1-3 hours

Students complete 45 hours of experiential work for each semester hour. The overall objective of this internship is to practice acquired communication skills and knowledge in a professional setting. Students work in conjunction with a directing faculty member who must approve the internship placement and specific learning goals. Grades are assigned as S (satisfactory) or U (unsatisfactory). Students can register for no more than 12 internship (399 and 499 combined) credits during their time at Columbia College. Prerequisites: Junior standing; minimum 3.0 cumulative GPA at time of registration of internship. Offered Fall and Spring.

COMM 420 Advanced Acting and Production Techniques 1-3 hours

This course exposes students to the acting, directing, and technical processes during the staging of a full-length production. Acting or managerial participation in a main stage production is a course requirement. The week prior to the performance will require evening and weekend rehearsal time required for participation in the class. All students must participate in the set production dates scheduled prior to production dates. This course may be taken for variable credit and up to three times. Prerequisite: Audition. Occasional offering.

COMM 433 Topics 1-3 hours**COMM 495 Speech Communication Integrative Seminar 3 hours**

Culminating experience for the major; completion with a C or higher required. Advanced examination of the nature of communication theory, research, and methods. With the instructor's permission, a student not majoring in Speech Communication may enroll and propose a project specific to the Speech Communication discipline. Prerequisites: COMM 230, C average or higher in Speech Communication courses; minimum of 15 hours of 300- or 400-level Communication courses; senior standing. Offered Spring.

COMM 499 Advanced Communication 1-3 hours Internship

Students complete 45 hours of experiential work for each semester hour. The overall objective of this internship is to practice acquired communication skills and knowledge in a professional setting. Students work in conjunction with a directing faculty member who must approve the internship placement and specific learning goals. Grades are assigned as S (satisfactory) or U (unsatisfactory). Students can register for no more than 12 internship (399 and 499 combined) credits during their time at Columbia College. Prerequisites: COMM 399; senior standing; minimum 3.0 cumulative GPA at time of registration of internship. Offered Fall and Spring.

COMPUTER AND INFORMATION SCIENCE (CISS)**Computer and Mathematical Sciences Department****CISS 145 Introduction to Python Programming 3 hours**

An introduction to computer programming. Students design and build a substantial system using the Python language. The system is selected from the following: 2D/3D games, CD player, image authoring tool. This course is intended for non-Computer Science majors. Prerequisite: MATH 150. Offered Spring.

CISS 170 Introduction to Computer Information Systems 3 hours

Overview of computer hardware, software, programming, and information systems as applied in the modern business environment. Hands-on applications of word processing, spreadsheet, and data management software are used to explore use of microcomputers in business. Offered Fall and Spring. **G.E.**

CISS 176 Introduction to Computer Science 3 hours

This course provides a broad overview of computer science. It is designed to provide students with an appreciation for and an understanding of the many different aspects of computer science. Offered Fall and Spring. **G.E.**

CISS 234 Visual Basic 3 hours

An introduction to programming using Visual Basic. Emphasis is on Visual Basic syntax and creating user interfaces in Visual Basic. Topics include application design, using variables and constants, the selection and repetition structures, sequential access files, menus, dialog boxes and error trapping, random access files, database access and arrays. Prerequisites: CISS 170 or CISS 176; MATH 150. Offered Fall.

CISS 236 COBOL Programming 3 hours
COBOL syntax and semantics, data structures including record processing using sequential, indexed, and relative files; sorting and merging files, and other language features. Prerequisites: CISS 170 or CISS 176; and MATH 150. Offered even Spring.

CISS 238 Java Programming 3 hours
An introduction to programming using Java. Topics include methods, classes, objects, advanced object concepts, input, selection, repetition, arrays and strings, applets, HTML, graphics, inheritance concepts, abstract windows tool kit, file input and output. Prerequisites: CISS 170 or CISS 176; MATH 150. Occasional offering.

CISS 240 Introduction to Programming 4 hours
Program design and development using C++. A disciplined approach to problem solving and algorithm development is stressed using top-down design. Topics include syntax and semantics, input/output, selection, iterative constructs, functions, data types, arrays, strings, pointers and recursion. Prerequisites: MATH 150; CISS 170 or CISS 176. Offered Fall and Spring.

CISS 245 Advanced Programming 4 hours
A continuation of CISS 240. Topics include object-oriented programming in C++ with classes, methods, inheritance, dynamic memory allocation, file streams, linked lists and stacks. Prerequisite: Grade of C or higher in CISS 240. Offered Fall and Spring.

CISS 274 Introduction to Internet Technology and Electronic Commerce 3 hours

Introduction to the internet and electronic commerce. Topics include the World Wide Web, basic web page design (HTML) and programming methodologies (CGI). Social, economic, ethical and political topics are discussed as well. Prerequisite: CISS 170 or CISS 176. Offered Fall.

CISS 285 Structured Systems Analysis and Design 3 hours

This course explores the structured tools, techniques, methodologies, and the system development life cycle used to plan, analyze, design, implement/build and maintain computer information systems. Prerequisite: CISS 234 or CISS 238 or CISS 240. Offered Fall.

CISS 298 Web Programming 3 hours
Introduction to web programming issues associated with developing web applications and website design. Prerequisite: CISS 170 or CISS 176. Offered odd Spring.

CISS 301 Operating Systems for Business Computing 3 hours

Introduction to computer operating systems functions and management. Topics include memory, process, device, file, network function management and concurrent processes, security and ethics. Prerequisites: CISS 170 or CISS 176; junior standing. Occasional offering.

CISS 302 Business Data Communications and Networking 3 hours

Introduction to business computer networking. Topics include network architecture with layered models; network technologies with LAN, MAN and WAN; network security, design and management. Prerequisites: CISS 170 or CISS 176; junior standing. Occasional offering.

CISS 312 ACM Programming Contest 1 hour

Open to computer majors participating in the ACM Programming Contest. May be repeated for a total of 3 semester hours. Prerequisites: Junior standing, computer major – either CIS or CS. Evaluation is Satisfactory/Unsatisfactory. Offered Fall and Spring.

CISS 325 Systems Analysis, Design and Implementation Projects 3 hours

The systems analysis and design topics introduced in CISS 285 are applied to create one or more operational computer information systems. Prerequisite: CISS 285 (or CISS 280) with a grade of C or higher. Offered Spring.

CISS 350 Advanced Algorithms and Data Structures 3 hours

Advanced concepts of data, storage, organization, and retrieval. Topics include multiple-linked lists, balanced trees, graphs, abstract data types, classes and methods, object-oriented programming, searching and sorting. Prerequisite: CISS 245 or CISS 243. Offered Spring.

CISS 355 Directed Study 1-3 hours

Research project covering a limited and well-focused aspect of theory, concept, or application in a selected area of CIS not covered in depth in the curriculum. A term paper documenting the research and results is required. This course requires the approval of the chair of the Computer and Mathematical Sciences Department and is available on the main campus only. Prerequisite: CISS 245 or CISS 243.

CISS 358 Algorithm Analysis 3 hours

Introduction to algorithm analysis and complexity classes including advanced data structures such as B-trees, height-balanced trees, and graphs. Analysis of various searching and sorting algorithms and algorithm design topics such as dynamic programming, greedy methods, and divide-and-

conquer. Prerequisites: MATH 225; CISS 245 or CISS 243. Offered odd Fall.

CISS 360 Computer Systems and Assembly Language 3 hours

Introduction to the fundamental concepts of computer systems including data representation, computer arithmetic, Boolean algebra, SSI Logic Design, register-transfer and micro-operations, computer organization, assemblers and assembly language programming. Prerequisite: CISS 245 or CISS 243. Offered odd Fall.

CISS 362 Introduction to Automata Theory, Languages and Computation 3 hours

The study of formal languages, grammars, abstract computer models, and computability. Different models of computation and their relationships with formal languages as well as capabilities and limitations of these models are studied from a theoretical perspective. Cross-listed as MATH 362. Prerequisites: MATH 225 and CISS 240. Offered even Fall.

CISS 365 Project Management 3 hours

An introduction to project management issues associated with information technology projects including project definition, organizational structures, risk factors, quality management and procurement management. Prerequisites: MGMT 254; CISS 320 or CISS 325. Offered Fall.

CISS 370 Operating Systems 3 hours

The hardware, firmware and software organization of computer systems, basic operating systems concepts, concurrent processes, CPU and disk scheduling, memory management, deadlocks, systems evaluation and simulation, and performance measurement. Prerequisites: CISS 350 or CISS 358. Offered odd Spring.

CISS 375 Compiler Construction 3 hours

Concepts and theories of compiler design and language translation. Lexical analysis, syntax specification, parsing, error recovery, syntax directed translation, semantic analysis, symbol tables, run-time storage. Prerequisite: CISS 350 or CISS 358. Offered even Fall.

CISS 380 Computer Graphics 3 hours

Techniques for picture development and transformation, curve and surface approximation and projections, graphical languages, data structures and their implementation, graphical systems, animation techniques. Prerequisite: CISS 350 or CISS 358. Offered odd Fall.

CISS 390 Global Information Systems Management 3 hours

Introduction to global information systems manage-

ment issues associated with culture, politics and geoeconomics, international IS standards and regulations, outsourcing and off-shoring. Prerequisite: Junior standing. Offered even Fall. *Course meets Multicultural graduation requirement.*

CISS 391 Information Systems Security 3 hours

Introduction to information systems security issues associated with formal and informal systems' protection, detection and responses. Prerequisite: Junior standing. Offered odd Fall.

CISS 410 Computer Networks and Communications 3 hours

Network architecture and the OSI model. Physical protocols for data transmission and error detection/correction, data link concepts, LAN protocols, inter-networking, end-to-end service and security considerations. Prerequisite: CISS 350. Offered odd Fall.

CISS 420 Computer Architecture 3 hours

Introduces fundamental concepts of computer architecture including data representation, computer arithmetic, Boolean algebra, combinational logic design, sequential circuits, registers and counters, memory and programmable logic devices, instruction set architecture, CPU design, input-output, memory systems. Prerequisite: CISS 360. Offered even Spring.

CISS 430 Database Systems 3 hours

Design and implementation of relational and object-oriented database systems. Relational algebra, normal forms and normalization, query processing, efficiency and security considerations. Prerequisite: CISS 285 or CISS 280. Offered Spring.

CISS 433 Topics 1-3 hours

These courses will cover selected topics not offered as part of the CIS curriculum. .

CISS 438 Object-Oriented Design and Analysis 3 hours

Introduction to object-oriented (OO) analysis, design, and modeling. Topics include techniques for mapping real-world systems onto an OO representation, use case design, OO methodology for software development, identifying patterns, building conceptual models, and OO implementation issues. The Unified Modeling Language is used as a modeling tool. Prerequisite: CISS 350 or 358. Offered even Fall.

CISS 445 Programming Languages 3 hours

Survey and comparison of various programming languages and the concepts used in designing, specifying and evaluating languages. Topics include formal specification, language constructs, translation, binding and binding times, logic and functional programming. Prerequisite: CISS 350 or CISS 358. Offered even Spring.

CISS 450 Artificial Intelligence 3 hours

Concepts and theories of intelligent computer systems. Issues of perception, learning, problem solving and knowledge representation discussed. Programming in a list processing language will be required. Applications to game playing, theorem proving, expert systems, language understanding. Prerequisite: CISS 350 or CISS 358. Offered odd Spring.

CISS 451 Introduction to Cryptography & Computer Security 3 hours

An introduction to cryptography and computer security. Topics include cryptographic methods, hash functions, key exchange, secure communication, message authentication, digital signatures, network security, system security, modern day security protocols and standards. Cross-listed as MATH 451. Prerequisites: MATH 225; CISS 245 or CISS 243. Offered odd Spring.

CISS 455 Directed Study 1-3 hours

Research project covering a limited and well-focused aspect of theory, concept, or application in a selected area of CIS not covered in depth in the curriculum. A term paper documenting the research and results is required. This course requires the approval of the chair of the Computer and Mathematical Sciences Department and is available on the main campus only. Prerequisite: Senior standing.

CISS 465 Software Engineering 3 hours

An introduction to software engineering including process methods, software metrics, configuration management, risk analysis, testing techniques and quality assurance, project management and tracking. Prerequisite: CISS 430. Offered odd Fall.

CISS 472 Data Warehousing and Decision Support Systems 3 hours

An investigation of data warehousing, data mining, and decision support systems. Topics include design and architectural issues, cost effectiveness, management concerns, data integrity, deployment and maintenance issues. Prerequisite: CISS 430. Offered odd Spring.

CISS 492 Senior Seminar in Management Information Systems 3 hours

Required culminating course for graduation as a Management Information System (MIS) major. Readings from the current literature. Requires original research project or paper. Grade of C or higher required. This course includes a program evaluation component. Prerequisites: CISS 325 (or CISS 320), CISS 365, CISS 430 and senior standing. Offered Fall and Spring.

CISS 493 Senior Seminar in Computer Information Systems 3 hours

Culminating course required for Computer

Information Systems (CIS) majors. Readings from the current literature. Requires original research project and paper. Grade of C or higher required. This course includes a program evaluation component. Prerequisites: CISS 325 (or CISS 320), CISS 350, CISS 360, CISS 430 and senior standing. Offered Fall and Spring.

CISS 494 Senior Seminar in Computer Science 3 hours

Culminating experience course required for Computer Science Majors. Requires original research project, paper and presentation under the supervision of a computer science faculty member. Grade of C or higher required. The course includes a program evaluation component. Prerequisites: CISS 420, CISS 430, CISS 445 and senior standing. Offered Fall and Spring.

CISS 499 Internship 1-6 hours

Students complete 45 hours of experiential work for each semester hour. Typical internships include programming in VB, C++ and COBOL, writing PERL scripts, doing database work with SQL and Access, and system analysis work. The directing faculty member must approve the internship placement. Grades are assigned as S (satisfactory) or U (unsatisfactory). Students may register for no more than 12 hours of CISS 499 during their time at Columbia College. Prerequisites: Senior standing; declared major in Computer Science, Computer Information Systems or Management Information Systems; minimum 3.0 cumulative GPA at time of registration for internship. Offered Fall and Spring.

CRIMINAL JUSTICE ADMINISTRATION (CJAD)

Criminal Justice Administration and Human Services Department

CJAD 101 Introduction to Criminal Justice Administration 3 hours

History and development of major components of the CJ system: police, prosecution, defense, criminal courts, institutional and community-based corrections. Offered Fall and Spring.

CJAD 201 Criminal Investigation 3 hours

Provides the student with a practical working knowledge of criminal investigation principles, techniques, law, and procedure. The investigative process is studied from basic theoretical concepts to the application of the basic elements for prosecution of criminal cases. Includes a study of crime-scene investigation, interrogation, burglary, assault, sex crimes, death cases, homicide and murder, organized crime and terrorism. Prerequisite: CJAD 101. Offered Fall.

CJAD 203 Crime Scene Investigation 3 hours

Techniques and methods of crime scene investigation focusing on practical suggestions as well as theoretical viewpoints of the field. Topics include fundamentals of the preliminary investigation, identification, protection and collection of evidence, sketching and photographing the crime scene, interpreting blood stain evidence and fingerprinting techniques. \$20 lab fee. Prerequisite: CJAD 101. Offered Fall and Spring.

CJAD 233 Topics 1-3 hours

CJAD 233 Topics: Mock Trial 1 hour

Available to members of the Columbia College Mock Trial Team. Requires participation beginning in the Fall when the team begins preparing the case through the end of the mock trial season. Cross-listed as POSC 233. Prerequisite: Must be a full-time Columbia College student. **Course may be repeated five times for a total of six semester hours.** Offered Fall and Spring.

CJAD 301 Criminal Law 3 hours

Examines the basic concepts and elements of substantive criminal law, which defines such crimes as murder, rape, assault, larceny, burglary, and robbery. Analysis of inchoate crimes involving attempt, solicitation and conspiracy. Analysis of general principles of criminal liability, punishment, and the legal limitations of such liability based on self-defense, necessity, entrapment, diminished capacity and insanity. Prerequisite: CJAD 101. Offered Fall.

CJAD 303 Crime Scene Photography 3 hours

Techniques and methods of crime scene photography focusing on practical suggestions as well as general viewpoints of crime scene imaging and documentation. The use of digital imaging and standard film systems are demonstrated. Topics include the fundamentals of photographing scenes from general to specific utilizing the overall, medium, and close-up "three-step" methods. Practical exercises demonstrate the documentation of crime scenes. Major case crime scenes and autopsy procedures are specifically demonstrated. \$20 lab fee. Students are not required to have equipment but may use their personal systems (digital/standard). Prerequisites: CJAD 101 and junior standing. Offered Spring.

CJAD 305 Forensic Anthropology 3 hours

Anthropological principles and knowledge applied within the legal system. Examination of the basics of bone biology, methods of skeletal analysis, signs of pathology and trauma, and postmortem interval. Prerequisite: Junior standing. Occasional offering.

CJAD 306 Military Justice System 3 hours

Examination of the history and principles of military justice and comparison of the military and civilian justice systems. Topics include the Uniform Code of

Military Justice; military crimes; nonjudicial punishment; jurisdiction of general and special military courts; military judges and panels; self incrimination, search and seizure, pretrial confinement and restraint; plea bargaining; sentencing and appellate review in military courts. Prerequisites: CJAD 101 and junior standing. Occasional offering.

CJAD 310 Crisis Intervention 3 hours
Survey of the current crisis intervention literature and introduction to the theories, principles, concepts and techniques of crisis intervention. Upon completion, students should be able to predict who may need crisis intervention services, and demonstrate the provision of first-order crisis intervention. Prerequisite: PSYC 101. Occasional offering.

CJAD 311 Police in a Democratic Society 3 hours
Overview and analysis of law enforcement history, development, purposes and roles in a democratic society. Material is presented from a theoretical standpoint and examines critical issues and advances in crime control. Prerequisite: CJAD 101. Offered Fall.

CJAD 315 Private Security and Loss Prevention 3 hours
A comprehensive survey of the private security field, including history, organizational and industry structure, strategies and tactics, legal and ethical issues, and employment possibilities. Prerequisite: Junior standing. Occasional offering.

CJAD 320 Cultural Diversity in Criminal Justice 3 hours
Examination of current issues and social problems relating to the administration of justice in a culturally diverse society. Special focus of the course will be on the changing ethnicity of communities and related changes in social and institutional public policy. Also discussed is cross-cultural communication, implementing cultural awareness training, multicultural representation in law enforcement and criminal justice interaction with various racial and ethnic groups. Strongly recommended as prerequisite for CJAD 345 Ethics and Morality in Criminal Justice. Prerequisites: CJAD 101 and junior standing. *Course meets Multicultural graduation requirement.* Offered odd Fall.

CJAD 325 Juvenile Justice System and Procedures 3 hours
Examination of the American juvenile justice system from the perspective of law enforcement, the courts and corrections. Prerequisites: CJAD 101 and junior standing. Offered even Spring.

CJAD 327 Fingerprint Evidence 3 hours
Exploration of the techniques and methods of identification, capture and analysis of fingerprint evidence, including consideration of the fundamentals of finger-

print patterns, classification formulas and extensions, scarred patterns, amputations and missing fingers, filing sequence, searching and referencing, Henry Classification, techniques for taking good fingerprints, problems in fingerprinting, latent impressions, powdering and lifting latent impressions, preparation of fingerprint charts for court testimony, and practical exercises for capturing fingerprints on a ten print card and live scan fingerprint machines. Prerequisites: CJAD 101 and a declared Criminal Justice or Forensic Science major.

CJAD 328 Shooting Incidents 3 hours
Exploration and practical analysis of forensic evidence resulting from shooting incidents, including consideration of ballistics, ammunition, weapons/hardware, injury patterns in association with entry and exit wounds, and injury documentation and reconstruction techniques. Prerequisites: CJAD 201; CJAD 203; junior standing; declared Criminal Justice or Forensic Science major. Occasional offering.

CJAD 333 Topics: Mock Trial 1 hour
Available to members of the Columbia College Mock Trial Team. Requires participation beginning in the Fall when the team begins preparing the case through the end of the mock trial season. Cross-listed as POSC 333. Prerequisite: Student must be a full-time Columbia College student. **Course may be repeated five times for a total of six semester hours.** Offered Fall and Spring.

CJAD 335 Criminalistics 3 hours
Introduction to the scientific techniques commonly used in forensic crime solving, covering in detail all aspects of forensic science, the organization of a crime lab and how evidence is treated from the crime scene to the courtroom. Prerequisites: CHEM 110, BIOL 110, junior standing. Offered Fall and Spring.

CJAD 335L Criminalistics Laboratory 2 hours
Criminalistics laboratory supplements CJAD 335 Criminalistics and covers the basic biology, chemistry and instrumentation techniques used in the analysis of forensic evidence. \$20 lab fee. Prerequisites: CJAD 335 or concurrent enrollment, CHEM 110, CHEM 111L, BIOL 110, BIOL 110L, junior standing. Offered Fall and Spring.

CJAD 345 Ethics and Morality in Criminal Justice 3 hours
Study of the decision-making process in criminal justice as it relates to discretion, due process, truthfulness, corruption and discrimination. Prerequisite: CJAD 101. Offered Fall.

CJAD 350 Corrections and Penology 3 hours
Analysis of punishment in our criminal justice system, with focus on why we punish, and how we punish, all examined within the context of correctional

philosophies. History and development of corrections, including relevant theories, practices, systems analysis and treatment modalities. Prerequisite: CJAD 101. Offered Spring.

CJAD 351 Community Based Corrections **3 hours**

Examination of the philosophy, role and function of probation, parole and other community based corrections as compared to institutional corrections. Consideration and critical evaluation of special programs and recent innovations in community based corrections. Prerequisites: CJAD 101 and sophomore standing. Occasional offering.

CJAD 352 Victims in the Justice System **3 hours**

Examination of the interface between victims and the various components of the criminal justice system. Topics include the history of the victims rights movement, victim prevention and victim assistance programs, victimization patterns and trends, victim interaction with law enforcement, victim rights and remedies in the court system, victim roles under the correctional system, demographic issues and concerns involving victims and offenders, and particularized consideration of victim issues in specific offenses including stalking, domestic violence, hate crimes and sex crimes involving adults and children. Prerequisites: CJAD 101 and junior standing. Occasional offering.

CJAD 370 Dynamics of Terrorism **3 hours**

This course surveys contemporary terrorism, especially international terrorism. The course examines controversies in defining terrorism; explores the historical roots of terrorism; examines terrorist motivations, organization and strategies; and explores ways in which countries can respond to the threat of terrorism. Cross-listed as POSC 370. Offered odd Fall.

CJAD 390 Criminal Justice Practicum **3 hours**

Integrates academic knowledge with applied professional experience through supervised field placement in an approved agency or organization. Permission of the Criminal Justice Administration and Human Services Department Chair one semester before the desired practicum placement. Prerequisite: Completion of sixty hours of coursework with a GPA of 2.5. Evaluation: Satisfactory/Unsatisfactory. Offered Fall and Spring.

CJAD 399 Criminal Justice Internship **1-3 hours**

Students complete 45 hours of experiential work for each semester hour. Students typically work in a criminal justice agency, in a non-profit agency which interacts with the criminal justice system, in an attorney's office, or in other similar positions promoting an

understanding of Criminal Justice. The directing faculty member must approve the internship placement. Grades are assigned as S (satisfactory) or U (unsatisfactory). Students may register for no more than 12 criminal justice internship credits (399 and 499 combined) during their time at Columbia College. Prerequisites: CJAD 101; junior standing; minimum 2.5 cumulative GPA at time of registration for internship. Offered Fall and Spring.

CJAD 403 Cold Case Investigation **3 hours**

Examination of the processes, theories, and investigative techniques of cold case investigations. Operative and sequential procedures that lead to successful closure of cold cases are also examined. Topics include: development of cold case units, solvability factors, review and evaluation of evidence, and the basic and advanced technological methods employed by cold case squads. Prerequisites: CJAD 101, CJAD 203, CJAD 405, and a declared Criminal Justice or Forensic Science major. Offered Spring..

CJAD 405 Laws of Criminal Evidence **3 hours**

Analysis of why certain testimony, objects and materials should be admitted or rejected as evidence in criminal trials. Topics include the evolution of the laws of evidence, the trial process, privileges, hearsay, confessions and admissions, pretrial investigation and identification procedures, expert and lay opinion, scientific evidence, character evidence, presumptions, and evidence collection and preservation. Prerequisites: CJAD 101 and junior standing. Offered even Spring.

CJAD 406 Expert and Scientific Evidence **3 hours**

Examination of the role and function of expert and scientific evidence in the legal system, and critical evaluation of the standards governing the integration of law and science. Topics include the Frye, Daubert and other standards governing scientific evidence; ethical issues concerning expert testimony; the interface between the scientific, legal and law enforcement communities; and particularized consideration of evidentiary issues connected with specific scientific techniques. Prerequisites: CJAD 101 and junior standing. Offered Fall.

CJAD 410 Drug Abuse and Crime Control **3 hours**

Comprehensive examination of the interaction between drug abuse and the criminal justice system. Examines drug pharmacology, drug laws, public policy and the roles of the police. Prerequisite: CJAD 101. Offered odd Spring.

CJAD 413 Bloodstain Evidence **3 hours**

A practice-oriented class on the techniques and methods of identifying and interpreting blood spatter

evidence. Topics include fundamentals of bloodstain evidence, low- velocity impact and angular bloodstains, medium and high velocity bloodstains, significance of partially dried, clotted, aged and physically altered bloodstains and others. Prerequisite: CJAD 101. Occasional offering.

CJAD 415 Criminal Procedures 3 hours

Detailed examination of the procedures utilized in the criminal justice system as they relate to criminal law and the administration of justice. Emphasis is placed on court decisions involving the 4th, 5th, 6th, 8th and 14th amendments to the U.S. Constitution. Prerequisite: Junior standing. Offered Spring.

CJAD 420 Legal Issues in Criminal Justice 3 hours

Analysis of current and controversial legal issues in the criminal justice system. Topics may include current Supreme Court issues, hate crime, domestic violence, gun control, the death penalty, police civil liability, privacy rights, wrongful conviction and public policy, plea bargaining, specialty courts, reforms to the justice system, and law enforcement counter-terrorism activities. Prerequisites: CJAD 101 and junior standing. Occasional offering.

CJAD 421 Organized Crime 3 hours

Provides the student with a realistic concept and understanding of the problem of organized criminal activity in the United States. Focuses on theories and the evolution of traditional organized crime in America as well as examining the many new and emerging organized crime groups attempting to acquire a stronghold on domestic criminal enterprises. Prerequisites: CJAD 101 and junior standing. Occasional offering.

CJAD 425 Legal Research and Writing 3 hours

Application of systems and methods of legal research to problems and issues in the Justice system. Prerequisite: Junior standing. Occasional offering.

CJAD 433 Topics 1-3 hours

CJAD 445 Forensic Pathology 3 hours

Analysis of systems and methods of determining time, cause, and means of death in criminal investigations and trials. Prerequisites: CJAD 101 and junior standing. Occasional offering.

CJAD 451 Management of Criminal Justice Agencies 3 hours

Examines criminal justice agencies within the context of current management principles, organizational theory and administrative practices. Prerequisites: CJAD 101 and junior standing. Offered even Fall.

CJAD 455, 456 Directed Study 1-3 hours

CJAD 475 Senior Seminar in Forensic Science 3 hours

A seminar course required as a culminating experience for all seniors majoring in Forensic Science. This capstone course integrates prior learning while exploring current research, contemporary issues and professional standards in forensic science. Completion with a grade of C or higher is required. Prerequisites: Senior standing, Forensic Science major. Offered Fall and Spring.

CJAD 495 Integrative Seminar 3 hours
Culminating course for graduation as a Criminal Justice major. Completion with a grade of C or higher required.

Designed to integrate and synthesize all coursework in criminal justice and related areas so the student has a broad conceptual and practical understanding of the criminal justice career field. In addition, it is designed to ensure that the student has a practical understanding of all critical and current issues in the criminal justice field as they relate to the law, law enforcement agencies, criminal courts, corrections and juvenile justice. Prerequisites: Completion of 90 hours of coursework and senior standing. Offered Spring.

CJAD 499 Advanced Criminal Justice Internship 1-3 hours

Students complete 45 hours of experiential work for each semester hour. Students typically work in a criminal justice agency, in a non-profit agency which interacts with the criminal justice system, in an attorney's office, or in other similar positions promoting an understanding of Criminal Justice. The directing faculty member must approve the internship placement. Grades are assigned as S (satisfactory) or U (unsatisfactory). Students may register for no more than 12 criminal justice internship credits (399 and 499 combined) during their time at Columbia College. Prerequisites: Minimum 9 hours of criminal justice coursework; senior standing; minimum 3.0 GPA in major core classes at time of registration for internship. Offered Fall and Spring.

ECONOMICS (ECON)

Business Administration Department

ECON 293 Macroeconomics 3 hours

Introduction to concepts and theories applicable to a national economy. Prerequisite: Sophomore standing. Offered Fall and Spring. **G.E. Course meets Multicultural graduation requirement.**

ECON 294 Microeconomics 3 hours

Introduction to specific economic units and to individual markets and individual interactions within an economy. Prerequisite: Sophomore standing. Offered Fall and Spring. **G.E.**

ECON 310 Environmental and Resource Economics 3 hours

Application of economic concepts and tools to the analysis of natural resources development and environmental degradation; evaluation of public policies on resource and pollution issues. Cross-listed as ENVS 310. Prerequisites: ECON 293 or ECON 294; ENVS/BIOL 115. Occasional offering.

ECON 320 The Economics of Healthcare 3 hours

An overview of the economic influences in the production and financing of healthcare. Prerequisites: ECON 293, ECON 294. Offered Spring.

ECON 393 Intermediate Macroeconomics 3 hours

Intermediate Macroeconomics builds upon the concepts introduced in the Introductory Macroeconomics course. The course includes an exploration of the various schools of economic thought including: Classical economic theory, Keynesian economic theory, Monetarist theory, Neo-Classical thought and Neo-Keynesian thought. The course develops models of interest rates, aggregate demand and supply, and of growth and development. Prerequisites: ECON 293; MATH 150 or MATH 170. Offered Fall.

ECON 394 Intermediate Microeconomics 3 hours

Intermediate Microeconomics builds upon the knowledge of the Introductory Microeconomics course. The course explores in depth the underpinnings of consumer choice and firm behavior. Specific topics include a study of the various types of market structures, pricing, externalities and public goods. The concepts of equity and efficiency are introduced. Microeconomic behavior is viewed through the perspective of behavioral economics and game theory. Prerequisites: ECON 294; MATH 150 or MATH 170. Offered Spring.

ECON 395 Financial Markets and Institutions 3 hours

Examination of the risks faced by managers of financial institutions and the methods and markets through which these risks are managed. Consideration is given to a wide array of financial institutions including commercial banks, credit unions, investment banks, securities firms, insurance companies and investment companies. Cross-listed as FINC 395. Prerequisites: ACCT 281, MATH 150 or MATH 170; ECON 293; ECON 294; FINC 350. Offered Fall.

ECON 495 International Finance 3 hours

Understanding and application of the concepts of corporate finance, financial markets and investments in an international context. Specific topics include an overview of the international monetary system, international financial markets (currency,

equity and bond markets), the “parity conditions” of international finance, foreign exchange risk management, global investing, international capital budgeting and global working capital management. Cross-listed as FINC 495. Prerequisites: ECON 293, FINC 350. *Course meets Multicultural graduation requirement* Offered odd Fall.

EDUCATION (EDUC)**Education Department**

Students pursuing teacher certification may not enroll in Education courses as pass/fail unless the course is a designated pass/fail course by the Department.

EDUC 102 Introduction to Education I 1 hour

Introduction to the Teacher Certification Program at Columbia College, including preparation for the CBASE. Topics include certification requirements, content area majors information, Missouri Department of Elementary and Secondary Education information, portfolio requirements, the examination of teaching as a profession and schooling as it currently functions in the United States and an examination of one's beliefs, motivations and goals. \$30 lab fee. Corequisite: EDUC 103. Offered Fall (1st 8 weeks) and Spring (1st 8 weeks).

EDUC 103 Introduction to Education II 1 hour

As an extension of EDUC 102, students apply their expanding knowledge of examination of teaching as a profession and schooling Pre-service teachers, in their practicum experience, expand knowledge about teaching through observation and participation in classroom activities. Students are supervised in the field and attend a required concurrent seminar. Successful completion of fifteen clock hours in the field placement and the seminar yield one hour of credit. Only one field experience may be completed in any eight-week period. \$30 lab fee. Students must complete the Field Experience Application at least one semester prior to taking this course. Corequisite: EDUC 102. Evaluation is Satisfactory/Unsatisfactory. Offered Fall (2nd 8 weeks) and Spring (2nd 8 weeks)

EDUC 105 Human Health 3 hours

The study of health, safety and nutrition and the decisions that are faced throughout a lifetime. Consumer health, mental health, physical health, sex and reproduction, drugs, death and dying are the major topics covered. Offered Spring.

EDUC 198 Daystar Field Experience I 1 hour

Students, under the guidance of college supervisors and classroom teachers, expand their knowledge of teaching through observation and participation in classroom activities. Successful completion of thirty-five clock hours in a Level 2 field placement plus attendance at a weekly seminar is required. Prerequisite: Admission to the Daystar Program. Offered Fall.

EDUC 200 Law, Ethics and Education 3 hours

The study of the legal and ethical issues in education from the contexts of historical, philosophical, social and administrative foundations of the discipline. Includes field experience of 15 hours. Students must complete the Field Experience Application at least one semester prior to taking this course. \$30 lab fee. Prerequisite: Sophomore standing. Offered Fall.

EDUC 230 Educational Psychology 3 hours

The applied study of psychological principles in educational environments. Emphasis is on the scientific approach to teaching and learning. Students learn to plan, deliver, evaluate and report instructional outcomes. Cross-listed as PSYC 230. Includes field experience of 15 hours. Students must complete the Field Experience Application at least one semester prior to taking this course. \$30 lab fee. Prerequisite: PSYC 101. Offered Spring.

EDUC 233 Topics 1-3 hours**EDUC 270 Literature for Children and Adolescents 3 hours**

The study of literature for children and adolescents as a literary genre. Students analyze and evaluate selected works of literature, including folktales, picture books, poetry, and novels. Prerequisites: EDUC 102, ENGL 112. Offered Spring.

EDUC 271 Production and Utilization of Instructional Technology 3 hours

The study of the media materials used in education. Computer hardware and software, information systems and technology are evaluated and used to produce instructional materials. \$30 lab fee. Occasional offering.

EDUC 298 Daystar Field Experience II 1 hour

Students, under the guidance of college supervisors and classroom teachers, expand their knowledge of teaching through observation and participation in classroom activities. Successful completion of thirty-five clock hours in a Level 3 field placement plus attendance at a weekly seminar is required. Prerequisites: Admission to the Daystar Program, EDUC 198. Offered Fall.

EDUC 300 Techniques of Teaching 3 hours

The study of instructional planning, including goals and objectives, techniques and activities, and evaluation. Students produce and present lessons containing defensible techniques, strategies, and methods of evaluation. Prerequisites: EDUC 102, EDUC 103, EDUC/PSYC 230 (may be taken concurrently). Offered Spring.

EDUC 302 Teaching Skills 3 hours

The study of teaching multiple content areas. Students describe, analyze, and critique the content areas of

elementary school health, physical education, science and social studies. In each of the content areas, students develop and present micro-teaching lessons, evaluations, and learning centers. Includes field experience of 15 hours. Students must complete the Field Experience Application at least one semester prior to taking this course. \$30 lab fee. Prerequisites: EDUC 102 and EDUC 300, or EDUC 505; admission to the Teacher Certification Program. Offered Fall.

EDUC 311 Classroom and Behavior Management Techniques 3 hours

The study of managing classroom environments and the behavior of students. Students analyze classroom variables related to organization and control, and evaluate theories to produce a management system applicable to educational settings. Includes field experience of 15 hours. Students must complete the Field Experience Application at least one semester prior to taking this course. \$30 lab fee. Prerequisites: EDUC 102 and EDUC 300, or EDUC 505; and admission to the Teacher Certification Program. Offered Fall.

EDUC 322 Educational Measurement and Assessment 3 hours

The study of methods used to develop educational measurements, and the procedures used to globally assess student achievement. Included in the program of study are the development and use of standardized assessments, structured and constructed assessments, observational methods, performance assessment, portfolio assessment, affective measures, and special needs measures. Included also are the historical study of psychometry, the concepts of validity and reliability, referencing methods, and evaluation and reporting methods. Prerequisites: EDUC 102 and EDUC 300, or EDUC 505; EDUC/PSYC 230; and admission to the Teacher Certification Program. Offered Fall.

EDUC 326 Middle School Methods 3 hours

Overview of the early adolescent, historical development of middle/junior high school education, curriculum and organizational patterns, planning for instruction and 15-hour field experience. \$30 lab fee. Students must complete the Field Experience Application at least one term prior to taking this course. Prerequisites: EDUC 102 and EDUC 300, or EDUC 505; EDUC 200, EDUC/PSYC 230, and admission to the Teacher Certification Program. Offered Fall.

EDUC 331 Teaching of Reading 3 hours

The study of how to teach reading skills. Students learn to describe, compare, and contrast theories, models, approaches, and methods of teaching reading. Phonic methods and whole language methods are taught and studied, as are individualized teaching strategies, unique uses of children's literature,

and writing processes. Includes field experience of 15 hours. Students must complete the Field Experience Application at least one semester prior to taking this course. \$30 lab fee. Prerequisites: EDUC 102 and EDUC 300, or EDUC 505; and admission to the Teacher Certification Program. Offered Fall.

EDUC 336 Creative and Language Arts in Elementary and Middle Schools **3 hours**

Study of creative arts (music, art, drama and dance) and language curricula, including the teaching of writing and oral communications, instructional decisions, teaching techniques and strategies, teaching/learning materials, and methods related to aesthetic and language arts models of instruction. Students produce various instructional resources, including a thematic unit based on specific knowledge acquired in this course. Includes field experience of 15 hours. Students must complete the Field Experience Application at least one semester prior to taking this course. \$30 lab fee. Prerequisites: EDUC 102 and EDUC 300, or EDUC 505; and admission to the Teacher Certification Program. Offered Spring.

EDUC 338 Teaching Reading in the Content Area **3 hours**

The study of teaching reading in differing content areas. Students analyze materials in various content areas and demonstrate the ability to use levels of comprehension, patterns of organization and questioning, and vocabulary-building skills to enhance learning. Includes field experience of 15 hours. Students must complete the Field Experience Application at least one semester prior to taking this course. \$30 lab fee. Prerequisites: EDUC 102 and EDUC 300, or EDUC 505; and admission to the Teacher Certification Program. Offered Fall.

EDUC 345 Teaching Art K-12 **4 hours**

Pre-student teaching experiences with students K-12. Basic techniques and methods for planning, teaching and assessing art K-12. National, state, and visual arts guidelines of a comprehensive art education program are reviewed. Hands-on activities for use of tools, materials, and methods for creating a variety of K-12 art studio projects. Includes field experience of 35 hours. Students must complete the Field Experience Application at least one semester prior to taking this course. \$30 lab fee. Prerequisites: EDUC 102 and EDUC 300, or EDUC 505; EDUC 103; EDUC 200; EDUC/PSYC 230; ARTS 111 or 112; ARTS 120; admission to the Teacher Certification Program. Offered Spring.

EDUC 358 Teaching Mathematics in the Elementary School **3 hours**

This course has as its focus the methods and materials for teaching elementary school mathematics. The pur-

pose of the course is to help preservice teachers become confident in their ability to do mathematics so that they can do the same for their future students. Specific emphasis is given to trends and issues in mathematics education, including state and national recommendations. In addition, issues pertaining to lesson planning and implementation, assessment, integration of appropriate models, mathematics connections, and the use of technology are explored. Includes field experience of 15 hours. Students must complete the Field Experience Application at least one semester prior to taking this course. \$30 lab fee. Prerequisites: EDUC 102 and EDUC 300, or EDUC 505; EDUC 200; EDUC/PSYC 230; and admission to the Teacher Certification Program. Offered Fall (2nd 8 weeks).

EDUC 359 Teaching Mathematics in the Middle School **3 hours**

A major goal of this course is to empower prospective middle school mathematics teachers to develop a sound mathematical program that is based on the needs and characteristics of the middle school student. The course provides an integration of mathematics content and the middle school philosophy while examining the learning and teaching at this level. Includes field experience of 35 hours. Students must complete the Field Experience Application at least one semester prior to taking this course. \$30 lab fee. Prerequisites: EDUC 102 and EDUC 300, or EDUC 505; and admission to the Teacher Certification Program. Offered Spring.

EDUC 360 Teaching Mathematics in the Secondary School **3 hours**

This course is designed to not only encourage preservice teachers to explore aspects of teaching mathematics, but also to enhance preservice teachers' content knowledge of "school" mathematics. Considerable emphasis is placed on exploring multiple ways to make mathematics comprehensible to all of their future students. In addition, issues pertaining to lesson planning and implementation, assessment, integration of appropriate models, mathematics connections, and the use of technology are explored. Includes field experience of 35 hours. Students must complete the Field Experience Application at least one semester prior to taking this course. \$30 lab fee. Prerequisites: EDUC 102 and EDUC 300, or EDUC 505; and admission to the Teacher Certification Program. Offered Spring.

EDUC 362 Teaching Middle and Secondary Social Studies **3 hours**

The study of secondary social studies methods, materials, "best practices," philosophies, instruction and curriculum. The course culminates with students demonstrating the abilities to plan, present and evaluate instructional experiences. Includes field experience of 35 hours. Students must complete the Field Experience Application at least one semester prior to taking this

course. \$30 lab fee. Prerequisites: EDUC 102 and EDUC 300, or EDUC 505; and admission to the Teacher Certification Program. Offered Spring.

EDUC 365 Teaching Middle School and Secondary Science 3 hours

The study of methods, materials, practices and curriculum in secondary science classes. The course culminates with students demonstrating the abilities to plan, present and evaluate instructional experiences. Includes field experience of 35 hours. Students must complete the Field Experience Application at least one semester prior to taking this course. \$30 lab fee. Prerequisites: EDUC 102 and EDUC 300, or EDUC 505; and admission to the Teacher Certification Program. Offered Spring.

EDUC 367 Teaching Middle School and Secondary English 3 hours

The study of methods, materials, practices and curriculum in secondary English classes. The course culminates with students demonstrating the abilities to plan, present and evaluate instructional experiences. Includes field experience of 35 hours. Students must complete the Field Experience Application at least one semester prior to taking this course. \$30 lab fee. Prerequisites: EDUC 102 and EDUC 300, or EDUC 505; and admission to the Teacher Certification Program. Offered Spring.

EDUC 369 Teaching Business Education 3 hours

The study of methods, materials, practices and curriculum in secondary business classes. The course culminates with students demonstrating the abilities to plan, present and evaluate instructional experiences. Includes field experience of 35 hours. Students must complete the Field Experience Application at least one semester prior to taking this course. \$30 lab fee. Prerequisites: EDUC 102 and EDUC 300, or EDUC 505; admission to the Teacher Certification Program. Offered Spring.

EDUC 372 Environmental Education 3 hours

The study of current trends and methods of instruction in environmental education. Prior philosophy will be used to interpret current issues in environmental education. Cross-listed as ENVS 372. Prerequisite: EDUC 300. Occasional offering.

EDUC 380 Diagnostic and Corrective Reading 3 hours

The study of reading remediation. Students evaluate procedures and demonstrate understanding of standardized tests and informal assessments for diagnosis. Students formulate a theoretical base for choosing diagnostic tools, interpreting evaluative data and identifying corrective strategies. Includes field experience of 15 hours. Students must complete the Field

Experience Application at least one semester prior to taking this course. \$30 lab fee. Prerequisites: EDUC 102 and EDUC 300, or EDUC 505; EDUC 322 or EDUC 331; and admission to the Teacher Certification Program. Offered Spring.

EDUC 390 Education & Psychology of the Exceptional Child 3 hours

The study of teaching children with exceptionalities. Students study the effects of exceptionality on children's cognitive, affective and psychomotor behaviors. Offered Spring.

EDUC 391 Child Psychology 3 hours

The study of children from conception to puberty. Students study maturational and environmental factors that shape the physical, cognitive, and social development of the child. Cross-listed as PSYC 391. Prerequisite: PSYC 101. Offered Fall.

EDUC 392 Adolescent Psychology 3 hours

The study of youth from puberty to young adulthood. Students study maturational and environmental factors that shape the physical, cognitive, and social development of the youth. Special emphasis is focused on the transescent stage of development. Cross-listed as PSYC 392. Prerequisite: PSYC 101. Offered Spring.

EDUC 398 Daystar Field Experience III 1 hour

Students, under the guidance of college supervisors and classroom teachers, expand their knowledge of teaching through observation and participation in classroom activities. Successful completion of thirty-five clock hours in a Level 4 field placement plus attendance at a weekly seminar is required. Prerequisites: Admission to the Daystar Program, EDUC 198, EDUC 298. Offered Fall.

EDUC 400 Senior Seminar 3 hours
Integrative seminar culminating in a professional portfolio which demonstrates competency in major areas of theory and practice accompanied by successful presentation. A minimum grade of "C" is required for graduation. Prerequisites: EDUC 102 and EDUC 300, or EDUC 505; senior standing and admission to the Teacher Certification Program. Offered Fall and Spring.

EDUC 420 Student Teaching in the Elementary School 12 hours

Students, under the guidance of college supervisors and qualified classroom teachers, assume the duties and responsibilities of public school teachers including planning, presenting and evaluation of instruction and related responsibilities (16 weeks). Grade of B or higher required for certification. \$30 lab fee. Application must be completed one term prior to

beginning student teaching. Prerequisites: Senior standing; admission to the Teacher Certification Program; completion of all coursework and specifications listed on the Student Teaching Requirement Verification form (in the catalog). Offered Fall and Spring.

EDUC 422 Student Teaching in the Secondary School 12 hours

Students, under the guidance of college supervisors and qualified classroom teachers, assume the duties and responsibilities of public school teachers including planning, presenting and evaluation of instruction and related responsibilities (16 weeks). Grade of B or higher required for certification. \$30 lab fee. Application must be completed one term prior to beginning student teaching. Prerequisites: Senior standing; admission to the Teacher Certification Program; completion of all coursework and specifications listed on the Student Teaching Requirement Verification form (in the catalog). Offered Fall and Spring.

EDUC 424 Student Teaching in the Middle School 12 hours

Students, under the guidance of college supervisors and qualified classroom teachers, assume the duties and responsibilities of public school teachers including planning, presenting and evaluation of instruction and related responsibilities (16 weeks). Grade of B or higher required for certification. \$30 lab fee. Application must be completed one term prior to beginning student teaching. Prerequisites: Senior standing; admission to the Teacher Certification Program; completion of all coursework and specifications listed on the Student Teaching Requirement Verification form (in the catalog). Offered Fall and Spring.

EDUC 426 Student Teaching in Special Education 12 hours

Students, under the guidance of college supervisors and qualified classroom teachers, assume the duties and responsibilities of public school teachers including planning, presenting and evaluation of instruction and related responsibilities (16 weeks, eight weeks-elementary and eight weeks secondary). Grade of B or higher required for certification. \$30 lab fee. Application must be completed one term prior to beginning student teaching. Prerequisites: Senior standing; admission to the Teacher Certification Program; completion of all coursework and specifications listed on the Student Teaching Requirement Verification form (in the catalog). Offered Fall and Spring.

EDUC 433 Topics 1-3 hours

EDUC 498 Student Teaching for Paraprofessionals 12 hours

Paraprofessionals and other school employees who qualify can enroll in EDUC 498. These school employees fully assume the duties and responsibilities of public school teachers including planning, presentation, and evaluation of instruction and related responsibilities. Grade of B or higher required for certification. \$30 lab fee. The application must be completed one term prior to beginning Student Teaching. Prerequisites: Senior standing, admission to the Teacher Certification Program; and completion of all coursework and specifications listed on the Student Teaching Requirement Verification form (in the catalog). This is a 16-week course. Offered Fall and Spring.

**ENGLISH (ENGL)
Humanities Department**

ESOL 100 Grammar Skills I 3 hours

This course helps students whose primary language is not English build on their knowledge of English grammar required for oral and written communication. Class time is devoted to communicative and inductive exercises emphasizing select grammatical structures and features of English. As a result, students develop skills in understanding form, meaning, and use in longer and more varied discourse settings. Grade of C or higher required. Offered Fall and Spring.

ESOL 101 Written Communication Skills I 6 hours

This course helps students whose primarily language is not English develop written language skills necessary for academic work through an integrated program of reading and writing with additional attention to improving grammar and vocabulary skills. Grade of C or higher required. Offered Fall and Spring.

ESOL 102 Oral Communication Skills I 3 hours

This course helps students whose primarily language is not English develop oral language skills necessary for academic work through an integrated program of listening and speaking with additional attention to improving grammar and vocabulary skills. Grade of C or higher required. Offered Fall and Spring.

ESOL 103 Grammar Skills II 3 hours

This course continues to help students whose primary language is not English build on their knowledge of English grammar required for oral and written communication. Class time is devoted to communicative and inductive exercises emphasizing select grammatical structures and features of English. As a result, students develop skills in understanding form, meaning, and use in academic discourse set-

tings. Grade of C or higher required. Prerequisite: Placement or successful completion of ESOL 100. Offered Fall and Spring.

ESOL 104 Oral Communication Skills II 3 hours

This course continues to help students whose primary language is not English develop oral language skills necessary for academic work through an integrated program of listening and speaking with additional attention to improving grammar and vocabulary skills. Grade of C or higher required. Prerequisite: Placement or successful completion of ESOL 102. Offered Fall and Spring.

ESOL 105 Written Communication Skills II 3 hours

This course continues to help students whose primary language is not English develop written language skills necessary for academic work through an integrated program of reading and writing with additional attention to improving grammar and vocabulary skills. Grade of C or higher required. Prerequisite: Placement or successful completion of ESOL 101. Offered Fall and Spring.

ENGL 107 Developmental English Composition 3 hours

Comprehensive review of basic English grammar and writing skills as preparation for ENGL 111. Grade of C or higher is required. Prerequisite: Placement by ACT English Score or by SAT Verbal Score: students whose ACT English Score is from 1 to 17 or whose SAT Critical Reading Score is from 200 to 440 shall be placed in ENGL 107. Offered Fall and Spring.

ENGL 107N Developmental English Composition 3 hours

Special class section for non-native speakers. Comprehensive review of basic English grammar and writing skills as preparation for ENGL 111. Grade of C or higher is required. Offered Fall.

ENGL 111 English Composition I 3 hours

Expository writing to practice traditional rhetorical modes and strategies, to increase analytical clarity, and to achieve precise expression. Grade of C or higher required. Prerequisite: Grade of C or higher in ENGL 107, or placement by ACT English Score or by SAT Verbal Score: students whose ACT English Score is from 18 to 29 or whose SAT Critical Reading Score is from 450 to 660 will be placed in ENGL 111. Offered Fall and Spring.

ENGL 112 English Composition II 3 hours

Continued practice of expository writing, applied primarily to textual analysis (fiction, drama, poetry), and culminating in a research paper. Students who do not earn a grade of C or higher must reenroll in ENGL 112 the succeeding term. Prerequisite: grade

of C or higher in ENGL 111, or placement by ACT English Score or by SAT Verbal Score: students whose ACT English Score is from 30 to 36 or whose SAT Critical Reading Score is from 670 to 800 will be placed in ENGL 112. **G.E.** Offered Fall and Spring.

ENGL 123 Introduction to Mythology and Folklore 3 hours

Study of mythologies of various cultures especially Greek and Roman, but including Norse, Indian, Japanese, Chinese, Native American, African and Polynesian. Occasional offering. **G.E.** *Course meets Multicultural graduation requirement.*

ENGL 124 The Bible as Literature 3 hours

A literary and historical approach to major Biblical selections and their influence on Western literature, culture and philosophy. Cross-listed as RELI 124. Occasional offering.

ENGL 132 Introduction to Shakespeare 3 hours

Beginning study of Shakespeare as a playwright. Occasional offering.

ENGL 190 The Short Story 3 hours

Introduction to the study of fiction through the short story. Occasional offering.

ENGL 204 Technical Writing 3 hours

Study of grammar and practice in writing class reports. Prerequisite: ENGL 112 or sophomore standing. Offered even Spring.

ENGL 207 Introduction to Creative Writing I - Multigenre 3 hours

Writing of fiction, creative non-fiction and poetry, including class criticism of student and professional work. Prerequisite: ENGL 112. Offered Fall.

ENGL 210 Introduction to Fiction 3 hours

A comprehensive introduction, within the traditional canon, to the elements and major writers of fiction of varying lengths. Occasional offering. **G.E.**

ENGL 211 Introduction to Poetry 3 hours

A comprehensive introduction to the elements and major writers of poetry of varying lengths. Occasional offering. **G.E.**

ENGL 212 Introduction to Drama 3 hours

A comprehensive introduction to the elements and major writers of drama of varying lengths. Occasional offering. **G.E.**

ENGL 231 English Literature I 3 hours

Survey from Beowulf to late eighteenth-century British writers. Prerequisite: ENGL 112. Offered Fall. **G.E.**

ENGL 232 English Literature II 3 hours
Survey from Romantic period to present. Prerequisite: ENGL 112. Offered Spring. **G.E.**

ENGL 233 Topics 1-3 hours

ENGL 241 American Literature I 3 hours
Survey of major American writers from Colonial to Realist figures. Prerequisite: ENGL 112. Offered Fall. **G.E.**

ENGL 242 American Literature II 3 hours
Survey of major American writers from Realist to Contemporary figures. Prerequisite: ENGL 112. Offered Spring. **G.E.**

ENGL 263 World Literature I 3 hours
European (non-British) and Asian literature from origins to the fourteenth century. Prerequisite: ENGL 112. Occasional offering. **G.E. Course meets Multicultural graduation requirement.**

ENGL 264 World Literature II 3 hours
Significant European (non-British) and Asian literature from the fourteenth century to the present. Prerequisite: ENGL 112. Occasional offering. **G.E. Course meets Multicultural graduation requirement.**

ENGL 280 Film and Literature 3 hours
Critical viewing of international films and study of relationships between film and literature. Prerequisite: ENGL 112. Occasional offering.

***ENGL 304 Introduction to Screen Writing** 3 hours

This course is an introduction to the art and craft of screenwriting. Students learn basic principles of screenwriting, including how screenwriting differs from other writing styles. Students explore the screenplay style and format, character development and story arcs through a film treatment and short screenplay. Cross-listed as COMM 304. Prerequisites: ENGL 112 and COMM 224. Offered even Fall.

ENGL 311 Descriptive Grammar of the English Language 3 hours

Study of the grammar (sounds, structures, sentences and dialects) of American English. Prerequisites: ENGL 112, and a previous 200-level or higher English course. Offered odd Fall.

ENGL 312 The History of the English Language 3 hours

Study of the history and dialects of the English language. Prerequisites: ENGL 112 and a previous 200-level or higher English course. Offered even Spring.

ENGL 313 Intermediate Creative Writing I - Fiction 3 hours

An intermediate workshop class in the writing of short fiction, including class criticism of student and

professional work. Prerequisite: ENGL 207. Offered Fall 2012, Spring 2014, Fall 2015, Spring 2017.

ENGL 314 Intermediate Creative Writing II - Non-Fiction 3 hours

An intermediate workshop class in the writing of short creative non-fiction, including class criticism of student and professional work. Prerequisite: ENGL 207. Offered Spring 2013, Fall 2014, Spring 2016, Fall 2017.

ENGL 315 Intermediate Creative Writing III - Poetry 3 hours

An intermediate workshop class in the writing of poetry, including class criticism of student and professional work. Prerequisite: ENGL 207. Offered Fall 2013, Spring 2015, Fall 2016, Spring 2018.

ENGL 323 The Hero in Mythology 3 hours

Study of the hero in mythology from a cross cultural perspective. Emphasis lies on examining, defining, and discussing the hero from a cross cultural, mythological perspective and determining the hero's role in society today. Prerequisites: ENGL 112 and a previous 200-level or higher English course. Occasional offering.

ENGL 331 Ethical Issues in Literature 3 hours

Analysis and evaluation of ethical issues and concerns depicted in the literary works of major international authors. Prerequisites: ENGL 112, junior standing. Offered Spring.

***ENGL 350 Major Literary Figures** 3 hours

Study of the works of one-to-three major writers (e.g., Chaucer, Shakespeare, Mark Twain, Faulkner, Cervantes, or Melville and Whitman, Donne and Milton, Dante and Goethe, etc.). Prerequisites: ENGL 112 and a previous 200-level or higher English course. Offered even Spring.

ENGL 351 Readings in Shakespeare 3 hours

Study of William Shakespeare, emphasizing his background, his poetry, and his plays in all genres. Prerequisites: ENGL 112 and a previous 200-level or higher English course. Offered odd Spring.

***ENGL 360 Readings in Fiction** 3 hours

Study of the genre, possibly from a special perspective or literary period (e.g., American novel and short story, contemporary novel, the comic novel and short story). Prerequisites: ENGL 112 and a previous 200-level or higher English course. Occasional offering.

***ENGL 361 Readings in Poetry** 3 hours

Intensive study of major literary development and achievement in the genre, possibly from a special perspective (e.g., American poetry, lyric poetry, epic poetry). Prerequisites: ENGL 112 and a previous 200-level or higher English course. Occasional offering.

***ENGL 362 Readings in Drama 3 hours**
Study of the genre, possibly from a special perspective or literary period. Prerequisites: ENGL 112 and a previous 200-level or higher English course. Occasional offering.

***ENGL 370 Major Literary Periods 3 hours**
Study of the major literary works from a specific movement or definitive age (Medieval or Renaissance Literature, Modern Literature, the Age of Reason, The Romantic Age, Victorian Literature or Contemporary Literature). Prerequisites: ENGL 112 and a previous 200-level or higher English course. Offered Fall.

ENGL 397 Science Fiction and Fantasy 3 hours
Readings from a broad spectrum of science fiction and fantasy literature. Prerequisites: ENGL 112 and a previous 200-level or higher English course. Occasional offering.

ENGL 399 English Internship 1-3 hours
Students complete 45 hours of experiential work for each semester hour. Students typically work for publishers, for nonprofit agencies involved with writing, editing and the arts, or in other similar situations. The directing faculty member must approve the internship placement. Grades are assigned as S (satisfactory) or U (unsatisfactory). Students may register for no more than 12 English internship credits (399 and 499 combined) during their time at Columbia College. Prerequisites: At least one 200-level English course; junior standing; minimum 2.5 cumulative GPA at time of registration of internship. Offered Fall and Spring.

ENGL 408 Advanced Creative Writing 3 hours
An advanced workshop that focuses on developing and fine-tuning a student's portfolio of creative writing and allows a student to put together a substantial collection of work worthy for publication or admittance into an MFA program. Prerequisites: ENGL 313, ENGL 314, and ENGL 315. Offered Spring.

ENGL 420 Advanced Editing and Revision 3 hours
A pre-graduate-level course that addresses, through practice, the fundamentals of editing and making prose as clear and as well presented as possible. Prerequisites: ENGL 112 and a previous 200-level or higher English course. Offered odd Spring.

ENGL 431 Senior Seminar 3 hours
Culminating course for graduation as an English major. This course is designed similarly to a graduate-level seminar. The student is required to produce a portfolio and essay project arranged in conjunction with one or more of the English faculty. Prerequisites: 68 semester hours, C average in English courses. Offered Spring.

ENGL 433 Topics 1-3 hours

ENGL 450 Minority and Ethnic Literature of the United States 3 hours

Significant and representative works by minority and ethnic writers (Black, Hispanic, Native American, Asian-American, Jewish-American, etc.) of the United States. Prerequisites: ENGL 112 and a previous 200-level or higher English course. *Course meets Multicultural graduation requirement.* Occasional offering.

ENGL 490 Literary and Critical Theory 3 hours
Introduction to methods and applications of literary and critical theories. Prerequisites: ENGL 112 and a previous 200-level or higher English course. Offered Fall.

ENGL 499 Advanced English Internship 1-3 hours

Students complete 45 hours of experiential work for each semester hour. Students typically work for publishers, for nonprofit agencies involved with writing, editing and the arts, or in other similar situations. The directing faculty member must approve the internship placement. Grades are assigned as S (satisfactory) or U (unsatisfactory). Students may register for no more than 12 English internship credits (399 and 499 combined) during their time at Columbia College. Prerequisites: Minimum nine hours of English coursework; senior standing; minimum 3.0 GPA in major core classes at time of registration for internship. Offered Fall and Spring.

***ENGL 310, 350, 360, 361, 362, and 370 may be taken more than once when the subject matter in the course varies.**

ENGLISH AS A SECOND OR OTHER LANGUAGE (ESOL)

Humanities Department

ESOL 100 Grammar Skills I 3 hours
This course helps students whose primary language is not English build on their knowledge of English grammar required for oral and written communication. Class time is devoted to communicative and inductive exercises emphasizing select grammatical structures and features of English. As a result, students develop skills in understanding form, meaning, and use in longer and more varied discourse settings. Grade of C or higher required. Offered Fall and Spring.

ESOL 101 Written Communication Skills I 6 hours

This course helps students whose primary language is not English develop written language skills necessary for academic work through an integrated program of reading and writing with additional attention to improving grammar and vocabulary skills. Grade of C or higher required. Offered Fall and Spring.

ESOL 102 Oral Communication Skills I 3 hours

This course helps students whose primary language is not English develop oral language skills necessary for academic work through an integrated program of listening and speaking with additional attention to improving grammar and vocabulary skills. Grade of C or higher required. Offered Fall and Spring.

ESOL 103 Grammar Skills II 3 hours

This course continues to help students whose primary language is not English build on their knowledge of English grammar required for oral and written communication. Class time is devoted to communicative and inductive exercises emphasizing select grammatical structures and features of English. As a result, students develop skills in understanding form, meaning, and use in academic discourse settings. Grade of C or higher required. Prerequisite: Placement or successful completion of ESOL 100. Offered Fall and Spring.

ESOL 104 Oral Communication Skills II 3 hours

This course continues to help students whose primary language is not English develop oral language skills necessary for academic work through an integrated program of listening and speaking with additional attention to improving grammar and vocabulary skills. Grade of C or higher required. Prerequisite: Placement or successful completion of ESOL 102. Offered Fall and Spring.

ESOL 105 Written Communication Skills II 3 hours

This course continues to help students whose primary language is not English develop written language skills necessary for academic work through an integrated program of reading and writing with additional attention to improving grammar and vocabulary skills. Grade of C or higher required. Prerequisite: Placement or successful completion of ESOL 101. Offered Fall and Spring.

ENVIRONMENTAL STUDIES (ENVS)**Science Department****ENVS 115 Introduction to Environmental Science 3 hours**

Survey of environmental science, ecosystems and human impact. Cross-listed as BIOL 115. Offered Fall and Spring. *Course meets Multicultural graduation requirement. G.E.*

ENVS 115L Introduction to Environmental Science Laboratory 2 hours

Laboratory experiences to complement ENVS/BIOL 115. \$30 laboratory fee. Cross-listed as BIOL 115L. Prerequisite: BIOL/ENVS 115 or concurrent enrollment. BIOL/ENVS 115 must be taken as a corequi-

site or completed before ENVS 115L can be used as G.E. credit. Offered Fall and Spring. **G.E.**

ENVS 220 Introduction to Atmospheric Sciences 3 hours

An introduction to the study of weather and climate. Cross-listed as GEOG 220. Prerequisite: Sophomore standing. Offered odd Spring.

ENVS 222 Conservation Biology 3 hours

Conservation biology is the science of maintaining biological diversity but it extends beyond pure science into areas such as philosophy, economics, law and sociology. This course focuses on biodiversity and how this diversity supports the function of ecosystems. Threats to biodiversity, particularly from human actions, and strategies for maintaining biodiversity are discussed. Cross-listed as BIOL 222. Prerequisite: BIOL 112. Offered odd Fall.

ENVS 223 Environmental Disasters 3 hours

Introduction to environmental hazards and disasters. Emphasis on causes of extreme natural events, their geographic distribution and human responses/adjustments. Cross-listed as GEOG 223. Prerequisite: GEOG 101. Occasional offering.

ENVS 230 Environmental Toxicology and Chemistry 3 hours

Analytic survey of factors which affect local and global environments. Provides students with an appreciation and understanding of the principles of environmental toxicology and chemistry including the sources, fate and effects of chemicals in the environment. Emphasis is on contemporary problems in human health and the environment. Cross-listed as CHEM 230. Prerequisite: CHEM 112. Occasional offering.

ENVS 233 Topics 3 hours**ENVS 251 Resource Management 3 hours**

An introduction to the global range of natural resources, the economic and political contexts of their development and the resulting physical and societal impacts. Cross-listed as GEOG 251. Prerequisite: GEOG 101. *Course meets Multicultural graduation requirement.* Offered even Fall.

ENVS 272 An Introduction to Environmental Literature 3 hours

An introduction to contemporary writings about environmental issues. Exposure to aspects of environmental crisis and policy, to recent first-person nature writing and to novels that examine various ecological visions. Prerequisite: ENGL 112. Offered even Fall.

ENVS 300 Evolution 3 hours

Examination of the basic mechanisms of evolution and the importance of evolution to our understanding

of life on earth. Genetics, natural selection, adaptation and the history of life are considered. Cross-listed as BIOL 300. Prerequisite: BIOL 112 and BIOL 342. Offered odd Fall.

ENVS 310 Environmental and Resource Economics 3 hours

Application of economic concepts and tools to the analysis of natural resources development and environmental degradation; evaluation of public policies on resource and pollution issues. Cross-listed as ECON 310. Prerequisites: ECON 293 or ECON 294; ENVS/BIOL 115. Occasional offering.

ENVS 312 Environmental Politics 3 hours

Study of environmental issues and policies from both a national and global perspective. Cross-listed as POSC 312. Prerequisite: POSC 111. Occasional offering.

ENVS 319 Soils 3 hours

An examination of soils. Topics include soil as a medium for plant growth, habitat for organisms, system for water supply and purification, recycling system for nutrients and organic wastes and engineering medium. Cross-listed as BIOL 319. Prerequisites: BIOL 110 or BIOL/ENVS 115; CHEM 110. Offered odd Spring.

ENVS 320 Ecology 3 hours

Basic principles of ecology with an emphasis on the factors affecting the distribution and abundance of organisms. Cross-listed as BIOL 320. Prerequisites: BIOL 112; BIOL/ENVS 320L or concurrent enrollment; BIOL/ENVS 222 recommended. Offered even Spring.

ENVS 320L Ecology Laboratory 2 hours

Laboratory experiences to complement BIOL/ENVS 320. Cross-listed as BIOL 320L. Prerequisite: BIOL 112L; BIOL/ENVS 320 or concurrent enrollment. Offered even Spring.

ENVS 332 Environmental Ethics 3 hours

Investigation and discussion of ethical issues that concern the environment. Emphasis will be on recognition of moral problems and their resolution. Cross-listed as PHIL 332. Offered even Spring.

ENVS 333 Topics 1-3 hours

ENVS 352 American Environmental History 3 hours

Analysis of American environmental history from the colonial period to the present. This course considers the interrelationships between human society and the natural world in different bioregions of North America, focusing upon how ideas, attitudes, traditions, institutions, and technologies have reshaped and have been reshaped by ecosystems. It traces American Indian ecology, agricultural land use, natural resource con-

servation, urban pollution, and modern environmental movements. It offers special attention to social constructions of the environment such as romantic mysticism, utilitarian instrumentalism, and ecological science. Cross-listed as HIST 352. Prerequisite: Junior standing. Occasional offering.

ENVS 372 Environmental Education 3 hours

The study of current trends and methods of instruction in environmental education. Prior philosophy will be used to interpret current issues in environmental education. Cross-listed as EDUC 372. Prerequisite: EDUC 300. Occasional offering.

ENVS 390 Environmental Studies Project 1 hour

Final culminating project for the Environmental Science minor arranged in conjunction with one or more of the Environmental Studies faculty. This project may take the form of library or lab research, a field experience or internship, or a creative project. The project should demonstrate a synthesis of ideas from the ENVS minor. The course must be completed with a grade of C or higher. Prerequisite: Completed at least 12 hours toward the Environmental Studies minor. Offered Fall and Spring.

ENVS 395 Research Design in the Sciences 3 hours

Study of applied research in the natural sciences, with special emphasis on experimental design and methodology, data generation and critical analysis, and scientific writing and presentation. Cross-listed as BIOL 395 and CHEM 395. Students majoring in biology, chemistry or environmental science must earn a grade of C or higher. Prerequisites: Fifteen semester hours of BIOL, ENVS, and/or CHEM courses; junior standing; BIOL/PSYC/SOCI 324. Offered Fall and Spring.

ENVS 399 Science Internship 1-3 hours

Field experience working as an intern in a private or public agency. Supervised, on-site work is required. Forty-five clock hours of experiential work are required for each semester hour of credit. The directing faculty member must approve the internship placement. Grades are assigned as S (satisfactory) or U (unsatisfactory). Students may register for no more than 12 science internship credits (399 and 499 combined) during their time at Columbia College. Prerequisites: Junior standing; minimum 2.5 cumulative GPA at time of registration for internship. Offered Fall and Spring.

ENVS 433 Topics 3 hours

ENVS 490 Senior Seminar-Environmental Science 1 hour

A seminar required as a culminating experience prior to graduation for all seniors majoring in

environmental science. Students carry out a project that demonstrates a synthesis of ideas from their environmental studies program. A grade of C or higher is required. Prerequisites: Senior standing, completion of 26 hours of major requirements, ENGL 112. Offered Fall and Spring.

ENVS 499 Advanced Science Internship 1-3 hours

Field experience working as an intern in a private or public agency. Supervised, on-site work is required. Forty-five clock hours of experiential work are required for each semester hour of credit. The directing faculty member must approve the internship placement. Grades are assigned as S (satisfactory) or U (unsatisfactory). Students may register for no more than 12 science internship credits (399 and 499 combined) during their time at Columbia College. Prerequisites: Minimum 15 hours of science coursework; senior standing; declared major in Biology, Chemistry or Environmental Science; minimum 3.0 GPA in major core classes at time of registration for internship. Offered Fall and Spring.

FINANCE (FINC)

Business Administration Department

FINC 295 Risk and Insurance 3 hours
Basic concepts and practices found in modern insurance and other methods of handling risk. Occasional offering.

FINC 298 Personal Financial Planning 3 hours
Provides knowledge that helps non-business and business students effectively manage their personal financial affairs. Topics include personal financial statements, budgeting, tax planning, investing and savings, insurance, real estate and retirement planning. Offered Fall.

FINC 350 Business Finance 3 hours
A study of the finance function in corporate decision-making. Topics include financial statement analysis, risk and return, valuation, cost of capital, working capital management, time value of money and capital budgeting. Prerequisites: ACCT 281; MATH 150 or MATH 170. Offered Fall and Spring.

FINC 354 Investments 3 hours
An introductory investment course designed to teach students how to make personal investing decisions for their own investment portfolio with special consideration given to the management of employer-sponsored retirement plans. Prerequisite: ACCT 281. Offered Fall.

FINC 395 Financial Markets and Institutions 3 hours

Examination of the risks faced by managers of financial institutions and the methods and markets through which these risks are managed. Consideration is given to a wide array of financial institutions including commercial banks, credit unions, investment banks, securities firms, insurance companies and investment companies. Cross-listed as ECON 395. Prerequisites: ACCT 281, MATH 150 or MATH 170; ECON 293; ECON 294; FINC 350. Offered Fall.

FINC 396 Corporate Finance 3 hours

Analysis of financial and accounting information and its impact on financial decision-making and profit planning. Topics include: financial planning and control tools, leverage and capital structure, investment banking, dividend policy, corporate restructuring, risk management and international financial management. Prerequisites: ACCT 281; MATH 150 or MATH 170; FINC 350. Offered Spring.

FINC 397 Principles of Real Estate 3 hours

An introduction to the principles and practices of real estate. Topics include the real estate profession and industry, home ownership, real estate financing, real estate appraisal, real estate contracts and real estate investment as it relates to personal financial planning objectives. Offered Spring.

FINC 410 Sports Finance 3 hours

An integrated course that incorporates concepts from economics, finance, statistics and operations research in approaching decision-making in sports management. Prerequisites: ECON 293, ECON, 294, FINC 350, MATH 170, MATH 250. Occasional offering.

FINC 495 International Finance 3 hours

Understanding and application of the concepts of corporate finance, financial markets and investments in an international context. Specific topics include an overview of the international monetary system, international financial markets (currency, equity and bond markets), the "parity conditions" of international finance, foreign exchange risk management, global investing, international capital budgeting and global working capital management. Cross-listed as ECON 495. Prerequisites: ECON 293, FINC 350. *Course meets Multicultural graduation requirement.* Offered odd Fall.

FINC 496 Financial Management 3 hours

Application of various financial management decision-making techniques as they apply to complex business problems. Prerequisite: FINC 396. Occasional offering.

FINC 498 Comprehensive Financial Planning 3 hours

A study of the principles and practices of professional

financial planning using an integrated planning model. Case studies allow students to simulate real-world experience by integrating tax, insurance, and investment planning strategies into comprehensive financial plans. This investments course provides a foundation in modern portfolio theory and portfolio management with special consideration given to retirement planning. Prerequisite: FINC 354. Offered Spring.

FINC 499 Internship 1-3 hours

GEOGRAPHY (GEOG)

History and Political Science Department

GEOG 101 Introduction to Geography 3 hours
Introduction to the distribution of people, activities, and environments around the world; geographic patterns and the interaction of humans with their surroundings are emphasized. Cross-listed as ANTH 101. Offered Fall. **G.E.** *Course meets Multicultural graduation requirement.*

GEOG 220 Introduction to Atmospheric Sciences 3 hours
An introduction to the study of weather and climate. Cross-listed as ENVS 220. Prerequisite: Sophomore standing. Offered odd Spring.

GEOG 223 Environmental Disasters 3 hours
Introduction to environmental hazards and disasters. Emphasis on causes of extreme natural events, their geographic distribution and human responses/adjustments. Cross-listed as ENVS 223. Prerequisite: GEOG 101. Occasional offering.

GEOG 233 Topics 1-3 hours

GEOG 251 Resource Management 3 hours
Introduction to the global range of natural resources, the economic and political contexts of their development and the resulting physical and societal impacts. Cross-listed as ENVS 251. Prerequisite: GEOG 101. *Course meets Multicultural graduation requirement.* Offered even Fall.

GEOG 255, 256, 257, 355, 356, 357, 455, 456, 457 Directed Study 1-3 hours

GEOG 433 Topics

GEOLOGY (GEOL)

Science Department

GEOL 110 Introduction to Physical Geology 3 hours

An introduction to earth's materials, geophysical processes acting on them and the resulting landforms

and landscapes. Offered even Fall. **G.E.**

GEOL 110L Introduction to Physical Geology Laboratory 2 hours

Laboratory experience to accompany GEOL 110. Prerequisite: GEOL 110 or concurrent enrollment. GEOL 110 must be completed before it can be used as G.E. credit. \$30 lab fee. Offered even Fall. **G.E.**

HISTORY (HIST)

History and Political Science Department

HIST 101 Western Civilization I 3 hours
European history from Greece to 1715. Offered Fall and Spring. **G.E.**

HIST 102 Western Civilization II 3 hours
European history since 1715. Offered Fall and Spring. **G.E.**

HIST 111 World History to 1500 3 hours
This course surveys the major developments that have shaped the human experience from the earliest civilization to 1500 CE. The course examines overall patterns of early global history, characteristics of the world's major pre-modern civilizations, and the relationships and exchanges among these societies. Major themes include humans and their environment, culture, politics and government, economics and social structures. Students also gain insight into the historical roots of many of the world's major cultural traditions. Offered Fall. *Course meets Multicultural graduation requirement.* **G.E.**

HIST 112 World History Since 1500 3 hours
This course surveys the major developments that have shaped the human experience since 1500 CE. The course examines overall patterns of global history, characteristics of the world's major modern civilizations, and the relationships and exchanges among these societies. Major themes include humans and their environment, culture, politics and government, economics, and social structures. Students also gain insight into the historical roots of many of the world's major cultural traditions. Offered Spring. *Course meets Multicultural graduation requirement.* **G.E.**

HIST 121 American History to 1877 3 hours
A survey of institutions, politics, culture, and society in America from colonization to reconstruction. Offered Fall. **G.E.**

HIST 122 American History Since 1877 3 hours
A survey of institutions, politics, culture and society in America from reconstruction to the present. Offered Spring. **G.E.**

HIST 231 Imperial Russia 3 hours
 Russian history from the founding of Kiev to the death of Alexander I, with emphasis on the Princes of Kiev, the Mongols, Russian Orthodoxy, Time of Troubles, the Romanovs, Catherine the Great, Peter the Great, Napoleon and the beginning of the revolutionary tradition. Occasional offering. *Course meets Multicultural graduation requirement.*

HIST 232 History of Russia 1825 to Present 3 hours
 Major historical developments from the death of Alexander I through the coming of Marxism, the Revolution of 1917, Stalin, the Great Patriotic War, the Cold War, to the Commonwealth of Independent States. Occasional offering.

HIST 233, 333, 433 Topics 3 hours
 Selected courses approved by the History and Social Sciences Department for history credit.

HIST 234 History of Latin America 3 hours
 Survey of the history of Latin America from the colonial period to the present. The study of the development of colonial structures, the impact of colonization on the native peoples, the struggle for independence, colonial legacies, economic dependency, and ethnic, gender, and class relations helps students to gain an understanding of the major themes in Latin American history. The class also considers the relationship between Latin American countries and the United States, as well as political and social movements throughout the region. The class considers examples from the histories of Argentina, Brazil, Chile, Colombia, Cuba, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru, Uruguay, and Venezuela. Offered even Fall. *Course meets Multicultural graduation requirement.*

HIST 235 History and Democracy in the Modern Middle East 3 hours
 The Middle East has been and continues to be among the most important regions of the world, religiously, economically, and politically, especially in terms of its formative effects upon the contemporary western world. As an introduction to the social, political, religious and intellectual history of the Middle East stretching from the pre-Islamic states to the present day, but with special attention paid to the period since 1800, this course pays particular attention to the following topics: the changing relationships among religion, political movements, and everyday life; the nature of the Middle Eastern social and political institutions; tensions between reformatory and purifying impulses in Islamic religious currents; the Ottoman period, western imperialism, and the Eastern Question; paths of modernization; the Arab-Israeli conflict; and the historical context for the emergence of political Islam. Cross-listed as ANTH 235. Offered odd Spring. *Course meets Multicultural graduation requirement.*

HIST 250 Missouri History 3 hours
 Survey of Missouri's development from colonization to the present. This course examines the contributions of Missouri and its citizens to the development of the U.S. In particular, it will highlight the state's diverse cultural heritage and distinctive political culture. Occasional offering.

HIST 255, 256, 257, 355, 356, 357, 456, 457 Directed Study 1-3 hours

HIST 294 Introduction to the Historian's Craft 3 hours
 Designed for the history major or minor, but open to non-majors as well, this course provides hands-on exploration of history and gives students a broad foundation in learning how to think and work as historians. Topics include major trends in historical scholarship, the assessment of issues such as causes of events, the reliability of evidence, and different theoretical "schools" of history. As a central project, students craft a research proposal as a solid foundation for more advanced work in the history major/minor. Offered Fall.

HIST 303 History and Philosophy of Modern Science 3 hours
 Evolution of scientific thought from 1600 A.D. to the present. Cross-listed as PHIL 303. Prerequisite: HIST 102. Occasional offering.

HIST 312 Twentieth Century American Diplomatic History 3 hours
 Diplomacy since 1890s and emergence of the nation as a world power. Prerequisite: HIST 122. Offered even Fall.

HIST 314 Modern China 3 hours
 Chinese history since 1800. Prerequisite: Junior standing. Offered even Spring. *Course meets Multicultural graduation requirement.*

HIST 316 Modern Japan 3 hours
 Japanese history since 1800. Prerequisite: Junior standing. Offered odd Spring. *Course meets Multicultural graduation requirement.*

HIST 318 The Vietnam War 3 hours
 A study of the war in Vietnam by examining the American involvement in the context of Vietnamese history and culture and the goals of countries outside Vietnam. Events of the war are placed in a multiplicity of contexts to show how ideological, political, diplomatic, social, and economic considerations affected the conduct of the war. The impact of the war on American society, politics, and cold war diplomacy are examined. Prerequisite: HIST 122. Occasional Offering. *Course meets Multicultural graduation requirement.*

HIST 321 History of the Modern U.S. 3 hours
 Analysis of the reformation of the United States during the era of Franklin D. Roosevelt. The course explores the story of how Americans endured the Great Depression and eventually prevailed in their struggle against totalitarianism. In particular, it highlights the anxieties of the new era, the stock market crash of 1928, the New Deal policies of FDR and the military campaigns of World War II. Significant themes of gender, class, power and warfare are traced from the twilight of the roaring twenties to the dawn of the atomic age. Prerequisite: HIST 122. Offered odd Fall.

HIST 322 Women and Gender in European History 3 hours

This course will examine the history of women across Europe from the Middle Ages to the present. This course examines gender as a system of power relations that has been integral to the shaping of European nations; politics and public policy and to the development of national and international economies. The class will explore the meaning of women's status across cultures and historical periods; examine how women have attempted to define, maintain, or gain power in changing historical circumstances; identify common dilemmas and struggles faced by women; and consider how changing definitions of gender have intersected with ideas about race and ethnicity throughout European history. Cross-listed as WMST 322. Prerequisite: Junior standing. Offered even Spring.

HIST 329 Warfare, Witches and the Outlines of Modern Life: Early Modern Europe, 1550-1700 3 hours

Early modern Europe served as a kind of precedent for modern life, through developments such as the nation-state, free-trade economies, competitive empire-building, and science and industry. The course explores traditional topics such as the Reformation, the Thirty Years' War, absolutism and constitutionalism, and the Scientific Revolution, as well as more recent histories of women, popular culture, sexuality, peasant life, and magic. Prerequisite: HIST 101 or HIST 111. Offered even Fall.

HIST 332 The European Renaissance 3 hours
 During the age of the Renaissance, scholars, artists, ecclesiastics, princes and courtiers consciously turned from medieval tradition and cultivated a renewal of classical Greek and Roman cultures. This course explores the cultural, intellectual, religious, political and economic lives of the men and women of Renaissance Europe from its inception in mid-fourteenth-century Italy to its culmination in Early-Modern Northern Europe. Prerequisite: HIST 101 or 111. Occasional offering.

HIST 334 The European Enlightenment 3 hours
 This course traces the transformation of European culture and society between the last decades of the seventeenth century and the end of the eighteenth century. Texts include political and philosophical essays, theological works, and examples from the "literary underground" of the eighteenth century. While drawing significantly on select major writers such as Voltaire, Diderot, Condorcet and the Scottish moralists, the course also examines figures who are sometimes overlooked in introductory surveys, such as Daniel Defoe, Richard Price and Mary Wollstonecraft. The overall goal of the course is to provide both an extended contact with the works of one particular historical period, and to survey the different ways in which historians have approached the period. Prerequisite: HIST 102 or 112. Occasional offering.

HIST 335 Nineteenth Century Europe 3 hours
 This course focuses on the major transformations in European politics, economics, culture and society between the French Revolution and World War I. Topics include Napoleonic Europe, industrialization, the emergence of class as a concept for explaining fundamental social change, the revolutions of 1848, the unification of Germany and Italy, the expansion of European imperialism especially as seen in Africa, and the convergence of tensions which contributed to the outbreak of World War I. Prerequisite: HIST 102 or 112. Offered odd Fall.

HIST 336 Twentieth Century Europe 3 hours
 Exploration of patterns of difference and commonality across the countries of Europe. From World War I through the Russian Revolution, the rise of fascism and totalitarianism and through the Cold War, an often ferocious ideological battle between liberal democracy, communism and fascism dominated European life. As the Cold War came to an end and the ideal of a united European community emerged, the relations between countries and peoples changed dramatically. Moreover, in almost all of these aspects of European relations, the workings of nationality, race, and ethnicity played important roles. In addition to confronting the profound ethical dilemmas which accompanied one of the darkest centuries of Europe's history, students complete this class with a factual and conceptual understanding of the dynamic political, economic, social and cultural factors which affected Europe between 1914 and the twenty-first century. Prerequisite: HIST 102 or 112. Offered even Spring.

HIST 337 Fascism in Europe, 1900-1945 3 hours

Explores how and why fascist groups achieved power in European states during the early 20th century. Topics include political mobilization, social engineering, resistance and collaboration, racism/anti-Semitism, and gender policies, foreign policy, impe-

rial aims, and mass violence. The course concludes by exploring the legacies fascists left behind for Europe and the world. Prerequisite: HIST 102 or HIST 112. Offered odd Spring.

HIST 340 Philosophy of Revolution 3 hours
Examination of the nature of revolution – intellectual, philosophical, economic, and political. Cross-listed as PHIL 340. Occasional offering.

HIST 342 American Civil War 3 hours
Analysis of the American Civil War during the nineteenth century. The course assesses the causes and the consequences of the sectional conflict between the North and the South. In particular, it examines the politics of chattel slavery, the crisis of the federal Constitution, the campaigns of the Union and Confederate forces, and the plans for post-war reconstruction. Furthermore, significant themes of politics, gender, warfare and labor are considered. Prerequisite: HIST 121. Offered Even Spring.

HIST 348 World War II 3 hours
Examination of the causes, events and consequences of the Second World War from a global perspective. This course examines the major diplomatic, political and military objectives, and campaigns of the nations involved, and examines the war from the perspective of the individual combatant and civilian non-combatant. The impact of the war on American society and culture and the political alignment of the past war is studied as well. Prerequisite: HIST 122. Occasional offering.

HIST 350 American Revolution 3 hours
Analysis of the American Revolution during the eighteenth century. The course considers the causes and the consequences of the colonial rebellion against the British Empire in North America. In particular, it focuses upon the cultural, economic, military, and constitutional issues shaping the struggle for independence. Significant attention is given to the clash of values, interest, arms and ambitions transforming the thirteen colonies into the United States before 1787. Prerequisite: HIST 121. Offered even Spring.

HIST 352 American Environmental History 3 hours
Analysis of American environmental history from the colonial period to the present. This course considers the interrelationships between human society and the natural world in different bioregions of North America, focusing upon how ideas, attitudes, traditions, institutions, and technologies have reshaped and have been reshaped by ecosystems. It traces American Indian ecology, agricultural land use, natural resource conservation, urban pollution, and modern environmental movements. It offers special attention to social constructions of the environment such as romantic mysticism, utilitarian instrumentalism,

and ecological science. Cross-listed as ENVS 352. Prerequisite: Junior standing. Occasional offering.

HIST 358 The Making of Modern Britain 3 hours
Exploration of the most important social, economic and political developments in Britain since the beginning of the eighteenth century covers topics including the rise of industrial society, Victorian ideas and attitudes, British feminism, the rise and fall of the British Empire, the emergence of the Labour Party and British socialism, the impact of the two world wars and postwar political and social changes. Certain themes are stressed, such as the relationship between elite and popular politics, the development of the state, changing configurations of empire, and transformations in social and gender relations. Prerequisite: HIST 102 or 112. Offered even Fall.

HIST 359 Rise and Fall of the British Empire 3 hours
This course traces the emergence of an England-centered empire, which from the 1600s to the near-present facilitated a vast and violent movement of goods, peoples, technologies, diseases, cultural artifacts, and cultural practices. Attention is paid to issues of negotiation, domination and resistance; the effects of gender across cultures; politicization, identity formation, and nationalism; the complications and uses of race; and the empire's effects on Britain. Prerequisite: HIST 102 or 112. Occasional Offering.

HIST 362 History of the American West 3 hours
Analysis of Western America from colonization to the present. This course traces the imperial, commercial, intellectual and social relationships constituting the trans-Mississippi region. In particular, it appraises the interactions of natives and strangers in a frontier borderland over the course of several generations. Furthermore, significant attention is given to territorial acquisition, population mobility, economic development and popular culture. Prerequisite: Junior standing. Occasional offering.

HIST 370 American Military History 3 hours
Analysis of the military history of the United States from the colonial period to the present. This course considers the role and use of armed forces in relation to the social, cultural, political, economic, and technological development of the United States. It not only addresses such themes as wartime strategy, operational tactics, and combat technology, but also the impact of warfare on society and on the remembrances of ordinary men and women in uniform. Significant attention is given to the evolution of civil-military relations, the advent of professionalism in the military, the non-military uses of the military, and the military's role as a tool for global power. Prerequisite: Junior standing. Offered odd Fall.

HIST 371 History of American Business 3 hours
Analysis of American business from the colonial

period to the present. The course traces the stories of significant entrepreneurs and the firms they built. It focuses on the managerial revolution that established a modern industrial order, wherein the corporation became the primary instrument for organizing the processes of production, distribution and consumption. Significant attention is given to systems of technology, transportation, communication and labor indicative of America's free enterprise system. Cross-listed as MGMT 371. Prerequisite: Junior standing. Offered even Spring.

HIST 372 American Indian History 3 hours
Analysis of American Indian history from prehistory to the present. The course considers the integrity and viability of indigenous societies in North America, the dynamic process of cultural persistence and change, and the clash of cultures that began with European conquest. In particular, it traces the formation and operation of U.S. government policy toward the "first peoples" over the course of several generations. Particular attention is given to the pre-contact traditions, survival strategies and tribal sovereignty exemplified by native communities in the U.S. Prerequisite: Junior standing. *Course meets Multicultural graduation requirement.* Offered even Fall.

HIST 373 Women and Gender in American History 3 hours
This course examines the history of women in the United States from the colonial era to the present. This course examines gender as a system of power relations that has been integral to the shaping of American politics and public policy and to the development of the American economy. The class explores the meaning of women's status across cultures and historical periods; examines how women have attempted to define, maintain, or gain power in changing historical circumstances; identifies common dilemmas and struggles faced by women; and considers how changing definitions of gender have intersected with ideas about race and ethnicity throughout American history. Cross-listed as WMST 373. Prerequisite: Junior standing. Offered odd Spring.

HIST 374 African American History 3 hours
This course explores the major themes in African American history, from its roots in fifteenth-century West Africa to contemporary U.S. society. Course materials cover the major political, economic, social and cultural factors that have shaped the African and African American experience in the United States. Prerequisite: Junior standing. Offered odd Fall.

HIST 381 History of Christianity: The Early Church 3 hours
Development of Christianity from its origins to the eve of the Reformation. Emphasis is on the evolu-

tion of theology within the context of Western civilization. Specific subjects include ancient Hebrew thought, Hellenism, Gnosticism, the historical Jesus, the Trinity, Augustine, medieval theology, heresies, etc. Cross-listed with RELI 381. Prerequisite: HIST 101. Offered odd Fall.

HIST 382 Christianity in the Modern World 3 hours

Development of Christian thought from the late Middle Ages to the present. Emphasis is on the confrontation of Christian theology with modernity. Specific subjects are: the Reformation, Counter-Reformation, the scientific revolution, the Enlightenment, Liberal Theology, the Theology of Crisis, etc. Cross-listed as RELI 382. Prerequisite: HIST 102. Offered even Spring.

HIST 399 History Internship 1-12 hours

Students complete 45 hours of experiential work for each semester hour. Students typically work at an historical society, archive, historical site or similar agency or organization. The directing faculty member must approve the internship placement. Grades are assigned as S (satisfactory) or U (unsatisfactory). Students may register for no more than 12 history internship credits (399 and 499 combined) during their time at Columbia College. Prerequisites: Three hours of history credit; junior standing; minimum 2.5 cumulative GPA at time of registration of internship. Offered Fall and Spring.

HIST 433 Topics 1-3 hours

HIST 494 Historical Research and Methods 3 hours

The culminating seminar for graduation as a History major. Historical Research and Methods is a seminar dedicated to the research and writing of a senior thesis. All participants are expected to apply the techniques of scholarship as generally accepted by the historical profession. The seminar is the culminating experience for graduation as a history major. Completion with grade of "C" or higher is required. Prerequisites: HIST 121; HIST 122; HIST 101 or HIST 111; HIST 102 or HIST 112; HIST 294 and nine hours of HIST electives at the 300 or 400 level. Offered Spring.

HIST 499 Advanced History Internship 1-3 hours

Students complete 45 hours of experiential work for each semester hour. Students typically work at an historical society, archive, historical site or similar agency or organization. The directing faculty member must approve the internship placement. Grades are assigned as S (satisfactory) or U (unsatisfactory).

Students may register for no more than 12 history internship credits (399 and 499 combined) during their time at Columbia College. Prerequisites: Minimum nine hours of history coursework; senior standing; minimum 3.0 GPA in major core classes at time of registration for internship. Offered Fall and Spring.

HONORS (HNRS)

HNRS 310 Honors Service 1 hour
All students participating in the Honors Program must complete this course prior to graduation. Students must design a community service activity, choose a professor to direct that activity, and perform the project. Requires 45 hours of service activity. Prerequisite: Eligibility for Honors Program. Offered Fall and Spring.

HNRS 340 Schiffman Ethics in Society Lecture 3 hours
Each year a renowned scholar or public figure is invited to the home campus to speak on the role of ethics in society. This course is a careful review of the writings by this year's speaker as well as an investigation of the literature surrounding the topic of the guest's presentation. May be repeated. Prerequisite: Eligibility for Honors Program. Offered Spring.

HNRS 350 Topics 3 hours
An investigation of some great idea or ideas in the liberal arts and sciences, a focus on an epoch or trend in cultural history, an in-depth study of an alternative culture or a myopic biography. Examples: Beauty, Chaos Theory, Evolution & Fundamentalism, The Civil Rights Movement, What Are Numbers?, theories of humor, redefining photographic truth, etc. May be repeated. Prerequisite: Eligibility for Honors Program. Offered Fall.

HNRS 484 Honors 3 hours
Open to students who have been accepted as candidates for degrees with Distinction and who are registering for their final semester of coursework. Prerequisite: Admittance to the Honors Program required. Offered Fall and Spring.

HUMAN SERVICES (HUMS) Criminal Justice Administration and Human Services Department

HUMS 105 Introduction to Human Services 3 hours
Introduction to the profession, practice and career options of human services. Offered Fall and Spring.

HUMS 250 Working with Individuals 3 hours
Theories and methods for working with individuals. Offered Fall and Spring.

HUMS 300 Exploring Research 3 hours
Finding, understanding, critical analysis and communication of empirically based research for practice application. Prerequisite: MATH 150 or MATH 170. Offered Spring.

HUMS 310 Military Case Work 3 hours
Examination of the unique challenges and opportunities facing veterans, active duty military and their families. Topics include programs and services specific to these populations. Prerequisite: Sophomore standing. Offered odd Fall.

HUMS 325 Case Management 3 hours
Introduction to case management theory, models of case management and skills necessary to function effectively as case managers. Content includes the use and case management implications of psychotropic medications. Students develop abilities to serve special populations in a case management role. Prerequisite: HUMS 105 or PSYC 101 (courses may be taken as corequisite). Offered Fall.

HUMS 335 Working with Groups 3 hours
Theoretical foundations, knowledge, values and skills of human service practice as they apply to working with groups. Prerequisite: HUMS 105 or PSYC 101. Offered Fall.

HUMS 340 Working with Families 3 hours
Examination of family function and assessment using the major models, theories and perspectives of family and family therapy. Students learn how to apply those theories and perspectives to assess families in conjunction with other assessment tools such as eco-maps and genograms. Prerequisite: HUMS 105 or PSYC 101 (courses may be taken as corequisite). Offered Spring.

HUMS 345 Working with Communities and Organizations 3 hours
The values, knowledge and skills of human service practice in the context of communities and organizations. Prerequisite: HUMS 105 or PSYC 101 (courses may be taken as corequisite). Offered Spring.

HUMS 350 Social Gerontology 3 hours
Social, psychological and physical aspects of aging, including the consequences of the societal demographic shifts toward an increasingly aged society. Investigates the research on death and dying and the role of the elderly in our society. Additionally, generates an understanding of the theoretical perspectives on aging. Cross-listed as SOCI 350. Prerequisite: Junior standing. Offered even Fall.

HUMS 365 American Social Policy 3 hours
Nature and development of American social policy, including the history of current structures of social welfare services, the role of policy in service delivery and analyses of current social policy issues including family policy, health care policy, drug policy, tax policy and other topical issues. Cross-listed as SOCI 365. Prerequisite: Junior standing. Offered Spring.

HUMS 375 Disabilities 3 hours
Examination of issues faced by persons with disabilities and the social injustice which they have historically experienced. Different theories or approaches used to understand the situation of persons with disabilities are examined. Particular issues and areas of need experienced by individuals having different types of disabilities (mobility, sensory, cognitive, etc.) are explored. It considers the consequences and dynamics of systemic barriers that threaten to compromise or exclude the participation of persons with disabilities in social, economic, and political processes. Various perspectives on equality are explored from the point of view of their impact on this vulnerable population. Prerequisite: Sophomore standing. Offered Spring.

HUMS 380 Substance Abuse 3 hours
Examination of substance use and abuse and the progressive nature of addiction. Factors leading to regular and problematic use are explored. An overview of the pharmacological effects of drugs within major drug categories, theories of addiction, intervention, treatment methods and prevention are examined. Prerequisite: Sophomore standing. Offered Fall.

HUMS 385 Mental Health 3 hours
This course provides a look at mental health problems from the practice arena. Students learn theories of mental health, psychotropic medications and the role of case manager with persons who have mental illness. Prerequisite: PSYC 101. Offered Fall.

HUMS 390 Child Welfare 3 hours
This course begins with an historical overview of child welfare services in American society, establishes a framework for both policy and practice, and examines current trends in the field of child welfare. Special emphasis is placed on evaluating the needs of high risk populations of children/youth and families. Prerequisite: Sophomore standing. Offered Spring.

HUMS 495 Senior Seminar 3 hours
Required as a culminating experience prior to graduation. Capstone course integrating prior learning while exploring current research, contemporary issues and practice theories in human services. Grade of C or higher is required. Writing intensive. Emphasis is on creating expertise within an area of interest pertinent to the career and academic goals of the student. Prerequisites: Human Services major, senior standing, and all core requirements completed (or currently enrolled). Offered Fall and Spring.

HUMS 499 Internship 3-6 hours
Students complete 135 hours of supervised field experience for 3 hours of credit (270 hours for 6 hours of credit), targeted to behaviorally implementing the objectives of the Human Services program in a human service agency. Permission must be obtained one semester prior to the internship. Prerequisites: Senior standing, HUMS 495 as a prerequisite or corequisite, all core HUMS requirements. Evaluation: Satisfactory/Unsatisfactory. Offered Fall and Spring.

INTRODUCTION TO COLUMBIA COLLEGE (INCC)

Freshman Experience

INCC 111 Introduction to Columbia College 1 hour

Introduction to Columbia College and to the values of learning. The sixteen-week seminar provides students an opportunity to explore the goals of an ethics-based liberal arts education and to identify their role in the academic, cultural, and social community of Columbia College. The general education curriculum, degree requirements, college catalog, advising process, and student handbook are introduced. Additionally, students become familiar with the wide variety of resources available to help them meet their collegiate goals. **All freshmen are strongly encouraged to enroll in this seminar during their first semester.** Offered Fall and Spring.

JAPANESE (JAPA)

Humanities Department

JAPA 101 Beginning Japanese I 2 hours
Introduction to basic words, phrases, and sentences useful for travelers. Occasional offering. *Course meets three hours of Foreign Language graduation requirement.*

JAPA 102 Beginning Japanese II 2 hours
Continuation of JAPA 101. Occasional offering.
Course meets three hours of Foreign Language graduation requirement.

JOURNALISM (JOUR)

Humanities Department

**JOUR 101, 201, 301, 401
Newspaper Production 3 hours**
News writing, design layout, copy editing, and photography. The College newspaper, *The Columbian*, is produced by students in journalism courses. Occasional offering.

**JOUR 102, 202, 302, 402
Newspaper Production 3 hours**
News writing, design layout, copy editing, and photography. The College newspaper is produced by students in journalism courses. Occasional offering.

MANAGEMENT (MGMT)

Business Administration Department

**Denotes a course that may carry any business administration code.*

MGMT 150 Introduction to Business 3 hours
Comprehensive survey of the major areas of business and its environment. Concepts, issues and vocabulary are emphasized. Offered Fall and Spring.

MGMT 152 Business Mathematics 3 hours
Development of an understanding of and skill in using arithmetic calculations in business-oriented problems. Occasional offering.

MGMT 200 Calculus for Business and Finance 3 hours
Introduction to analytic geometry, limits, derivatives, definite integrals and their applications. Cross-listed as MATH 200. Prerequisite: Grade of C or higher in MATH 150 or MATH 180; or a score of 23 or higher on math portion of the ACT or 540 or higher on the math portion of the SAT. Occasional offering.

(*) 233 Topics 1-3 hours
Specialized inquiry into topics not covered in the curriculum.

MGMT 254 Business Communication 3 hours
Development of written, oral and interpersonal skills for effective communication in the business world. Emphasis on clear, effective business correspondence, improved interpersonal skills and public speaking. Students learn appropriate real-world skills and strategies to increase their abilities to use this knowledge. Prerequisite: ENGL 112. Offered Fall and Spring.

MGMT 265 Business Law I 3 hours
Fundamental principles of law relating to business activity and court systems. Extensive use of cases. Prerequisite: Sophomore standing. Offered Fall and Spring.

MGMT 311 Public Administration and Policy 3 hours
Examination of growth, structure, role, methods, and policy of the national bureaucracy and its impact in American government and society. Cross-listed as POSC 311. Prerequisite: POSC 111. Offered odd Fall.

MGMT 330 Principles of Management 3 hours
Survey of principles of management. Familiarity with the history and evolution of the field and with modern principles and their application. Prerequisites: MGMT 150, junior standing. Offered Fall and Spring.

MGMT 338 International Business 3 hours
Exploration of the challenges involved in multinational and international business. Prerequisites: Junior standing, MGMT 330. *Course meets Multicultural graduation requirement.* Offered Fall and Spring.

MGMT 339 Cross-Cultural Management 3 hours
Emphasis on interpersonal skills needed to manage across national borders and show how cultural factors influence behavior in the workplace and the negotiation process. Prerequisite: MGMT 330. *Course meets Multicultural graduation requirement.* Offered Fall and Spring.

MGMT 340 Introduction to Healthcare Management 3 hours
Overview of the basic structures and operations of the U.S. healthcare system. Prerequisite: MGMT 330. Offered Fall.

MGMT 341 Small Business Management 3 hours
The elements to establish and operate a small business are examined in light of internal and external environmental requirements. Prerequisite: MGMT 330. Offered Fall.

MGMT 353 Legal and Ethical Aspects of Healthcare 3 hours
An overview of key laws and ethical issues that affect the deliver of health care. Prerequisites: MGMT 265, MGMT 368. Offered Spring.

MGMT 360 Organizational Theory 3 hours
Examination of the foundations, theories, models, and literature for designing effective organizations. Extensive library research and case work required. Prerequisite: MGMT 330. Occasional offering.

MGMT 361 Human Resource Management 3 hours
Design, implementation, and administration of human resource management programs. Practices used in

developing effective professional habits useful in dealing with executive responsibilities are also examined. Prerequisite: MGMT 330. Offered Spring.

MGMT 362 Organizational Behavior 3 hours
Provides a strong conceptual framework for understanding organizational efficiency as the result of the interactions of people and organizations. Prerequisite: MGMT 330 or PSYC 101. Offered Fall and Spring.

MGMT 363 Productions and Operations Management 3 hours
Emphasis on techniques and skill for manufacturing. Prerequisite: MGMT 330. Occasional offering.

MGMT 364 Workforce Planning and Development 3 hours
This course explores how organizations plan for changes in their workforce, create recruitment strategies and develop selection systems to identify the best talent for their businesses. Topics include measurement of staffing effectiveness, job/competency analysis, testing strategies, and interviewing methods. Prerequisite: MGMT 361. Available via AHE Programs only.

MGMT 365 Compensation and Benefit Systems 3 hours
The focus of this course is "Total Compensation." Direct and Indirect compensation systems are evaluated to determine how organizations design the appropriate systems for their businesses. Topics include base pay systems, individual and group bonuses, executive compensation, issues with providing health care, long-term investment options, pension systems and government mandated benefits. Prerequisite: MGMT 361. Available via AHE Programs only.

MGMT 367 Business Law II 3 hours
Continuation of Business Law I. Prerequisite: MGMT 265. Occasional offering.

MGMT 368 Business Ethics 3 hours
Analysis of principles used to evaluate ethical issues facing today's business community as well as to formulate possible solutions. This course satisfies the General Education Ethics requirement for Business Administration and Computer Information Systems majors. Prerequisite: MGMT 330. Offered Fall and Spring.

MGMT 371 History of American Business 3 hours
Analysis of American business from the colonial period to the present. The course traces the activities of significant entrepreneurs and the firms they built. It will focus on the managerial revolution that established a modern industrial order, wherein the corporation became the primary instrument for orga-

nizing the processes of production, distribution and consumption. Significant attention will be given to systems of technology, transportation, communication and labor, indicative of America's free enterprise system. Cross-listed as HIST 371. Prerequisite: Junior standing. Offered even Spring.

MGMT 375 Labor Relations 3 hours
Study of management approaches to collective labor agreements. Extensive study of negotiation, grievances and agreement administration. Prerequisite: MGMT 361. Occasional offering.

MGMT 393 Business Information Systems 3 hours
Emphasis on management and technical concepts fundamental to business applications and management control of information systems. Coverage includes management information and decision support systems which aid in planning, organizing and controlling business activities. Prerequisites: ACCT 281, CISS 170, MGMT 330 (may be taken concurrently), and junior standing. Offered Fall and Spring.

MGMT 422 Small Business Development 3 hours
Continuation of MGMT 341, focusing on the operation and development of an established business concern. Prerequisite: MGMT 341. Occasional offering.

MGMT 430 Management Science 3 hours
Management Science is a discipline that integrates mathematical modeling and quantitative analysis into the managerial decision-making process. A variety of models and approaches are introduced including: linear programming and optimization models (e.g., maximize profit or minimize cost problems, resource-allocation problems), network and transportation models (e.g., shortest route problems, critical path problems), forecasting models, PERT/CPM models, (e.g., a model to determine the optimal schedule for a project), simulation models and the use of Crystal Ball, and simple/multiple regression models. Students learn to model problems mathematically and to use spreadsheet packages to solve management science problems. The goal of the course is to provide students with a background in mathematical modeling to augment their problem-solving skills. Prerequisites: MATH 150 or MATH 170; MATH 250. Offered Spring.

(*) 433 Topics 1-3 hours
Special inquiry into topics not covered in the curriculum.

MGMT 461 Human Resource Development 3 hours
Study of Human Resource Development in three key areas of employee and organizational development: training and development, change management and performance management. This course explores the methods of identifying training needs, designing and implementing successful training programs and eval-

uating organizational training systems. Also, this course covers the process of planning and implementing interventions to create interpersonal, group, inter-group or organization-wide change. Individual employee, functional and organizational performance systems are addressed. Prerequisite: MGMT 361. Available via AHE Programs only.

MGMT 479 Strategic Management 3 hours
Culminating experience capstone course for majors in business administration. Requires case/report writing and the ability to integrate material from previous courses to analyze and resolve complex business strategic planning problems. Completion with a grade of C or higher required. Prerequisites: Senior status, completion of a minimum 33 hours of core requirements and at least six hours of upper-level courses within the identified major. Offered Fall and Spring.

(*) 499 Internship 1-6 hours
 Application, analysis, and evaluation of managerial functions and practices from the perspective of a management trainee. Supervised, on-site work experience required. Prerequisites: senior standing, cumulative GPA of 3.0 or higher.

MARKETING (MKTG)

Business Administration Department

MKTG 310 Principles of Marketing 3 hours
 Survey of principles for choosing target markets, assessing their needs, developing products and services and delivering them at a value to the customer and a profit to the company. Prerequisite: Junior standing. Offered Fall and Spring.

MKTG 327 Retail Management and Strategies 3 hours
 Development of policies, methods, and managerial strategies to accommodate the rapidly changing retail environment. Prerequisites: MGMT 150, junior standing. Offered even Fall.

MKTG 331 Consumer Behavior 3 hours
 Introduction to individual and environmental determinants of the behavior of consumers. Use of knowledge of consumers' behavior to plan, implement and control marketing activities. Prerequisite: MKTG 310. Offered Fall and Spring.

MKTG 332 Public Relations 3 hours
 Policies, strategies and procedures available to an enterprise in establishing and controlling its communications with its many publics. Prerequisites: MGMT 254 or ENGL 204, and MKTG 310. Offered Fall.

MKTG 335 Advertising and Sales Promotion 3 hours
 Study of marketing activities that stimulate consumer purchasing and dealer effectiveness. Emphasis on elements and process of developing effective advertising programs using integrated marketing communications. Prerequisite: MKTG 310. Offered Spring.

MKTG 352 Personal Selling and Sales Management 3 hours
 Emphasis on techniques and skills of personal selling. Sales presentations required. Prerequisite: MKTG 310. Offered odd Spring.

MKTG 360 E-Marketing 3 hours
 This course explores how the Internet can be used effectively to enhance the marketing activities of corporate enterprises, non-profits and government agencies. Prerequisites: CISS 170 and MKTG 310. Offered Spring.

MKTG 399 Internship 1-3 hours

MKTG 410 Global Marketing 3 hours
 Survey of current international marketing strategy including the historical context of global marketing and current environmental issues and marketing management techniques. Prerequisite: MKTG 310. Offered Spring. *Course meets Multicultural graduation requirements.*

MKTG 420 Readings in Public Relations 3 hours
 Case studies and special readings are utilized to illustrate and apply public relations' theories and practices in diverse organizational settings; emphasis is on the proper design and utilization of public relations tools that illustrate strategic public relations competencies. Prerequisites: MKTG 310, MKTG 332. Offered Spring.

MKTG 441 Marketing Research 3 hours
 A managerial approach to this highly technical and quantitative field. Prerequisites: MKTG 310, MATH 250. Offered Spring.

MKTG 478 Marketing Management 3 hours
 Examination of the role of the marketing manager in analyzing, planning, implementing and controlling the marketing programs of an enterprise. Case work is used. Prerequisite: MKTG 310. Offered Fall and Spring.

MKTG 480 Sports and Event Marketing 3 hours
 Examination of the role of marketing in analyzing, planning, implementing and controlling the marketing programs of a sports enterprise. Prerequisite: MKTG 310. Offered Fall.

MKTG 499 Internship 1-6 hours
Students can earn a maximum of six semester hours of internship credit.

MATHEMATICS (MATH)

Computer and Mathematical Sciences Department

MATH 102 Mathematics for the Elementary School Teacher 3 hours

This course is designed to help preservice elementary school teachers develop a conceptual framework for mathematics, especially for those aspects normally experienced in elementary school. Through their work in the course the students study the main themes of mathematics throughout the curriculum, considering both mathematical and pedagogical content issues in teaching mathematics. Topics include sets, logic, informal geometry, numeration systems, properties of real numbers and an introduction to probability and statistics. Prerequisite: Grade of C or higher in MATH 104 or a score of 19 or above on the math portion of the ACT or 460 or above SAT score, or a passing score on the Columbia College math placement exam. Offered Spring.

MATH 104 Beginning Algebra 3 hours
Introduction to the fundamental concepts of algebra. Review of arithmetic skills, solving linear equations and inequalities, application problems, graphing lines, and introduction to polynomials and factoring. Students must repeat the course if a U, F or D grade is awarded. Offered Fall and Spring.

MATH 106 Intermediate Algebra 3 hours
Second course in a three-course sequence in algebra. Review of factoring and graphing lines. An introduction to solving systems of linear equations, rational expressions, roots and radicals, and quadratic equations. Students must repeat the course if a U, F or D grade is awarded. Prerequisite: A passing score on the Columbia College math placement exam or MATH 104 with a grade of C or higher or a score of 19 or higher on the math portion of the ACT or 460 or above SAT score. Offered Fall and Spring.

MATH 150 College Algebra 3 hours
Study of algebraic concepts including linear and quadratic equations, inequalities and systems; polynomials; rational, exponential and logarithmic functions with emphasis on their numerical, graphical, and algebraic properties and their applications. Prerequisite: Grade of C or higher in MATH 106 or a score of 21 or above on the math portion of the ACT (or if the ACT was taken before September 1989, a score of 20) or 500 or above SAT score, or

a passing score on the Columbia College math placement exam. Offered Fall and Spring. **G.E.**

MATH 170 Finite Mathematics 3 hours
This course presents a variety of applications of algebra to real-world problems and includes an introduction to set theory, probability and statistics. Topics include linear functions, systems of linear equations and inequalities, matrices, linear programming, basic counting and probability, and the mathematics of finance. Prerequisite: Grade of C or higher in MATH 104, or a score of 19 or above on the math portion of the ACT (or if the ACT was taken before September 1989, a score of 20) or 460 or above SAT score, or a passing grade on the Columbia College math placement exam. Offered Fall and Spring. **G.E.**

MATH 180 Precalculus 3 hours
Precalculus is a preparatory course for calculus and covers the following topics: algebraic, exponential, logarithmic, trigonometric equations and trigonometric identities. Prerequisite: Grade of C or higher in MATH 150, or a score of 23 or above on the math portion of the ACT or 540 or above SAT score or a passing score on the Columbia College math placement exam. Offered Fall and Spring. **G.E.**

MATH 200 Calculus for Business and Finance 3 hours
Introduction to analytic geometry; limits, derivatives, definite integrals and their applications. Cross-listed as MGMT 200. Prerequisite: Grade of C or higher in MATH 150 or MATH 180; or a score of 23 or higher on math portion of the ACT or 540 or above SAT score. Occasional offering.

MATH 201 Calculus and Analytic Geometry I 5 hours
The first part of the three-part calculus series. Topics include: review of algebra and trigonometry; functions and limits; derivatives and their applications; the integrals and their applications. Prerequisite: Grade of C or higher in MATH 180 or a score of 26 or higher on the math portion of the ACT or 590 or above SAT score or passing grade on the Columbia College math placement exam. Offered Fall and Spring. **G.E.**

MATH 222 Calculus and Analytic Geometry II **5 hours**

The second part of the three-part calculus series. Transcendental functions, techniques of integration, improper integrals, infinite series and power series, parametrized curves and polar coordinates. Prerequisite: MATH 201 with grade of C or higher. Offered Fall and Spring.

MATH 225 Discrete Mathematics I **3 hours**

This course provides a foundation in formal mathematics and theorem-proving. Topics include functions, relations, sets, simple proof techniques, Boolean Algebra, propositional logic, elementary number theory, the fundamentals of counting, recursion, and an introduction to languages (finite state machines). Prerequisite: Grade of C or higher in MATH 201. Offered Fall.

MATH 233 Topics **1-3 hours****MATH 250 Statistics I** **3 hours**

Introduction to descriptive and inferential statistics. Topics include collection of data, numerical and graphical descriptive methods, linear correlation and regression, probability concepts and distributions, confidence intervals and hypothesis testing for means and proportions. Prerequisite: MATH 150 or MATH 170 or MATH 180 or MATH 201. Offered Fall and Spring. **G.E.**

MATH 251 Statistics II **3 hours**

This course is a continuation of Statistics I. Topics include hypothesis testing, regression, correlation, statistical decision theory, analysis of variance and nonparametric methods. Prerequisite: MATH 250. Occasional offering.

MATH 255, 256, 257, 355, 356, 357, 455, 456, 457 Directed Study **1-3 hours****MATH 300 Multivariate Calculus** **3 hours**

Two and three dimensional vectors, partial derivatives, multiple integrals, line and surface integrals. Prerequisite: MATH 222 or MATH 235. Offered even Fall.

MATH 303 Linear Algebra **3 hours**

Vector spaces, linear transformations, matrices and determinants, with applications to systems of linear equations, geometry and other selected topics. Prerequisite: Grade of C or higher in MATH 201. Offered odd Fall.

MATH 304 Introduction to Abstract Algebra **3 hours**

Introduction to algebraic systems, their motivation, definitions and basic properties. Primary emphasis is on group theory (permutation and cyclic groups, subgroups, homomorphism, quotient groups) and is followed by a brief survey of rings, integral domains and fields. Prerequisites: Grade

of C or higher in both MATH 222 and MATH 225. Offered even Spring.

MATH 305 Number Theory **3 hours**

The goal of this course is to provide a modern treatment of number theory. The student learns more about integers and their properties, important number-theoretical ideas and their applications. The course emphasizes reading and writing proofs. Prerequisites: Grade of C or higher in both MATH 222 and MATH 225. Offered even Fall.

MATH 325 Discrete Mathematics II **3 hours**

This course continues the discussion begun in Discrete Mathematics I (MATH 225) and serves to develop students' understanding of the discrete mathematical concepts that underlie computer science. Topics in this second course include recurrence relations, graphs, paths and circuits, trees and optimization and matching theory. Prerequisite: Grade of C or higher in MATH 225. Offered Spring.

MATH 330 History of Mathematics **3 hours**

The goals of this course are to develop knowledge of the contributions made by mathematicians and the influence these contributions have made to the development of human thought and culture over time. The course provides a chronological tracing of mathematics from the ancient Chinese into modern times, with an emphasis on problems and the individuals who formulated and solved them. Prerequisite: Grade of C or higher in MATH 222. Offered odd Fall. *Course meets Multicultural graduation requirement.*

MATH 331 Foundations of Geometry **3 hours**

This course provides students with the opportunity to broaden and deepen their understanding of Euclidean Geometry usually encountered in a high school geometry course. The course extends the geometric experience to non-Euclidean topics and serves to unify the study of geometry as the result of a system of axioms. Prerequisite: Grade of C or higher in MATH 222. Offered odd Spring.

MATH 338 Mathematical Statistics and Probability **3 hours**

A calculus-based introduction to statistical methods starting with basic probability, distribution theory, confidence intervals, hypothesis tests and sampling. Prerequisite: MATH 222 or MATH 235. Offered odd Spring.

MATH 340 Introduction to Probability Theory **3 hours**

Probability spaces; random variables and their distributions; repeated trials; probability limit theorem. Prerequisite: Grade of C or higher in MATH 222. Occasional offering.

MATH 362 Introduction to Automata Theory, Languages and Computation 3 hours

The study of formal languages, grammars, abstract computer models, and computability. Different models of computation and their relationships with formal languages as well as capabilities and limitations of these models are studied from a theoretical perspective. Cross-listed as CISS 362. Prerequisites: MATH 225 and CISS 240. Offered even Fall.

MATH 370 Differential Equations 3 hours

Ordinary differential equations and systems with application to the sciences and engineering. Prerequisite: Grade of C or higher in MATH 222 or MATH 235. Offered odd Spring.

MATH 371 Introduction to Complex Variables 3 hours

Introduction to the basic tools of the theory of complex variables, such as complex differentiation and the Cauchy-Riemann equations, analytic functions, complex series, complex contour integration, residues, poles and conformal mapping. Prerequisite: Grade of C or higher in MATH 222. Offered even Spring.

MATH 380 Advanced Calculus I 3 hours

Rigorous development of some central ideas in analysis including limits, continuity and differentiability. Prerequisite: Grade of C or higher in MATH 222 or MATH 235. Offered odd Fall.

MATH 381 Advanced Calculus II 3 hours

A second course in mathematical analysis on the real line. Topics include: the Riemann integral, infinite series, and sequences and series of functions. Prerequisite: MATH 380. Offered even Spring.

MATH 390 Introduction to Topology 3 hours

Introduction to the topological concepts that underlie analysis. Included are metric spaces, topological spaces, separation, compactness, convergence, completeness and connectedness. Prerequisite: Grade of C or higher in MATH 222. MATH 380 recommended. Offered even Fall.

MATH 433 Topics 1-3 hours**MATH 451 Introduction to Cryptography and Computer Security 3 hours**

An introduction to cryptography and computer security. Topics include cryptographic methods, hash functions, key exchange, secure communication, message authentication, digital signatures, network security, system security, modern day security protocols and standards. Cross-listed as CISS 451. Prerequisites: MATH 225; CISS 245 or CISS 243. Offered odd Spring.

MATH 493 Senior Seminar in Mathematics for Teachers 3 hours

A seminar course required as a culminating experience for mathematics majors who are seeking certification to teach at the elementary, middle or secondary levels. Students analyze problems from elementary, middle and high school mathematics from an advanced perspective and explicitly make connections between the concepts taught in elementary, middle and secondary and their more abstract analogues encountered in undergraduate mathematical courses. A grade of C or higher is required. Prerequisites: Senior standing, admission to the Teacher Certification Program, EDUC 358 or EDUC 359 or EDUC 360. Offered Fall and Spring.

MATH 494 Senior Seminar in Mathematics 3 hours

A seminar course required as a culminating experience for mathematics majors. Students prepare and present a portfolio following departmental guidelines to document achievement of the learning goals for the mathematics major. Additionally, students present a lecture on a topic not covered in core courses in consultation with the instructor and take the Major Field Test for Mathematics. Grade of C or higher required. Prerequisite: Senior standing. Offered Fall and Spring.

MILITARY SCIENCE (MSCI)

Offered through the University of Missouri-Columbia. The course-numbering system is the same as that used by the university.

MSCI 1100 Foundations of Officership 1 hour

Introduces students to issues and competencies that are central to a commissioned officer's responsibilities. Establish framework for understanding officership, leadership, and Army values followed and "life skills" such as physical fitness and time management. Offered Fall.

MSCI 1110 Introductory Military Science Laboratory I 1 hour

Field application of skills taught in MSCI 1100 to include leadership, land navigation, tactical skills and basic soldier skills. Offered Fall.

MSCI 1120 Basic Leadership 1 hour

Establishes foundation of basic leadership fundamentals such as problem solving, communication, briefings and effective writing, goal setting, techniques for improving listening and speaking skills and an introduction to counseling. Offered Spring.

MSCI 1130 Introductory Military Science Laboratory II 1 hour

Field application of skills taught in MSCI 1120 to include leadership, land navigation, tactical skills and basic soldier skills. Offered Spring.

MSCI 2160 Topics in Military Science 1-2 hours

Organized study of selected military science topics. Subjects and credit vary semester to semester. Repeatable once with departmental consent. Prerequisites: departmental consent.

MSCI 2200 Individual Leadership Studies 2 hours

Study of military leadership, practical application of critical reasoning and individual judgement with emphasis on developing leaders. Application of physical fitness plan, land navigation and confidence skills. Introduction to military orders. Written and oral presentations required. Offered Fall.

MSCI 2210 Intermediate Military Science Laboratory I 1 hour

Progressively more challenging leadership scenarios presented in a field and classroom environment. Students practice basic military skills such as squad-level offensive and defensive operations. First aid topics and drill and ceremony are also taught. Offered Fall.

MSCI 2220 Leadership and Teamwork 2 hours

Introduction to values and ethics with emphasis on developing leaders. Students learn officer duties including counseling and mentoring techniques. Practical application of confidence skills and marksmanship. Further study of military orders. Written and oral presentations required. Offered Spring.

MSCI 2230 Intermediate Military Science Laboratory II 1 hour

Progressively more challenging leadership scenarios presented in a field and classroom environment. Students practice basic military skills such as platoon level offensive and defensive operations. First aid topics and drill and ceremony are also taught. Offered Spring.

MSCI 3160 Death by a Thousand Cuts: Counterinsurgency/Insurgency The American Experience 3 hours

This course explores the problem of insurgency and counterinsurgency in terms of what we can learn from these conflicts. It examines counterinsurgency theory and practice, the Philippine Insurrection, Banana Wars, Vietnam War, Afghanistan and Iraq. Offered Fall.

MSCI 3161 The American Experience in Vietnam 3 hours

This course was developed to provide students the opportunity to examine the American experience in the Vietnam War, to search for meanings in this experience, and to arrive at their own conclusions concerning the impact of the war upon the nation. Moreover, it challenges the students to think critically about war and the use of military power to settle differences between nations. Offered Fall.

MSCI 3162 Counterinsurgency in Asia 3 hours

This course explores the problem of insurgency and counterinsurgency in Asia in terms of what we can learn from these conflicts. The course examines the insurgency in the Philippine Insurrection 1899-1902, the Vietnam War, the Soviet-Afghan War, in Thailand, Sri Lanka and Malayan Emergency. Offered Fall.

MISC 3163 U.S. Military History in the Western Tradition 3 hours

Analysis of United States Military history from the Colonial period to the present, (1609-2012). A comprehensive look into the evolution of warfare in America, military traditions and heritage, and technology. This course analyzes the following: American Revolution, War of 1812, Mexican American War, Civil War, Indian Wars, Spanish American War, World War I, Inter War Period, World War II, Korean War, Vietnam War, Gulf War, Afghanistan and Iraq. Offered Spring.

MSCI 3230 Leadership and Problem Solving 3 hours

Students conduct self-assessment of leadership style, develop personal fitness regimen, and learn to plan and conduct individual/ small unit tactical training while testing reasoning and problem-solving techniques. Students receive direct feedback on leadership abilities. Offered Fall.

MSCI 3240 Leadership and Ethics 3 hours

Examines the role communications, values and ethics play in effective leadership. Topics include ethical decision-making, considerations of others, spirituality in the military, and survey Army leadership doctrine. Emphasis on improving oral and written communication ability. Offered Spring.

MSCI 3250 Leadership and Management 3 hours

Develops student proficiency in planning and executing complex operations, functioning as a member of a staff, and mentoring subordinates. Students explore training management, methods of effective staff collaboration, and developmental counseling techniques. Offered Fall.

MSCI 3260 Officership 3 hours

Study includes case study analysis of military law and practical exercises on establishing an ethical command climate, service as an officer; capstone exercise. Leadership lab: Students must complete a semester-long Senior Leadership Project that requires them to plan, organize, collaborate, analyze, and demonstrate their leadership skills. Prerequisite: MSCI 3250. Offered Spring.

MSCI 3270 Advanced Transition to Lieutenant I 3 hours

Independent research, analysis and monthly discussion on related military topics. Personal, academic and professional goals and objectives, development and maintenance of an officer evaluation report support form. Prerequisites: MSCI 2200, MSCI 3230. Offered Fall.

MSCI 3280 Advanced Transition to Lieutenant II 3 hours

Independent research, analysis and monthly discussion on related military topics. Personal, academic and professional goals and objectives, development and maintenance of an officer evaluation report support form. Prerequisites: MSCI 1100, MSCI 2200, MSCI 3230, MSCI 3250 or department head permission. Offered Spring.

MUSIC (MUSI)**Humanities Department****MUSI 102 Music Fundamentals 3 hours**

An introduction to the elements of music, including study of the musical staff, key signatures, scales, time signatures, notation, meter and rhythm, major and minor chords, song writing techniques, application of music theory at the keyboard, and rhythmic, melodic and harmonic ear training. Prerequisite: Ability to read music. Offered even Spring.

MUSI 122 Music Appreciation 3 hours

A musical appreciation course focusing on European and American works since 1500. Offered Fall and Spring. **G.E.**

MUSI 160, 360 Jane Froman Singers 3 hours

Select group requiring travel and performance; by audition. Offered Fall and Spring.

MUSI 233 Topics 1-3 hours**MUSI 322 Masterpieces of Music 3 hours**

In-depth study of the lives and musical styles of great composers. No knowledge of music is required and students are not expected to perform in front of the class. Offered Fall.

MUSI 323 Music of the United States 3 hours

Overview of the various types of music that have evolved through folk, popular, and classical traditions in America from the Pilgrims to the present. Offered odd Spring.

MUSI 433 Topics 1-3 hours**Applied Music**

Instrumental study must be taken in sequence with the same instrument.

MUSI 171, 172, 273, 274 Piano 1 hour**MUSI 181, 182, 283, 284 Voice 1 hour****MUSI 183 Broadway Music Voice Class 1 hour**

Class instruction in voice using appropriate music from the American Broadway Musical Theater repertoire. Prerequisite: Ability to match pitch. Occasional offering.

MUSI 255, 256, 257, 355, 356, 357, 455, 1-3 hours 456, 457 Directed Study**NAVAL SCIENCE (NSCI)**

Offered through the University of Missouri-Columbia. The course-numbering system is the same as that used by the University.

NSCI 1100 Introduction to Naval Science 2 hours

Introduction to Midshipmen to the organization of the Naval Service, the varied career opportunities available, the long held customs and traditions of the service, and the duties of a Junior Officer.

NSCI 1200 Seapower and Maritime Affairs 3 hours

Seminars examine the application of sea-power as an instrument of foreign policy by the major nations of the world. Emphasis placed on role of the Navy.

NSCI 2110 Naval Ships Systems I 3 hours

Ship construction, stability and damage control, basic thermodynamics, the steam cycle and engineering plant, including introduction to gas turbine, diesel and nuclear powered systems.

NSCI 2130 Evolution of Warfare 3 hours

Evolution of strategy, tactics, weapons and leadership through the Vietnam period. Development of military policy, the impact of warfare on the political, social and economic structure of nations.

NSCI 2210 Naval Ships Systems II 3 hours

Naval weapons systems, their employment and control, including the basic fire control problem, with emphasis on new systems.

NSCI 3120 Marine Navigation 3 hours

Theoretical and practical application of the principles of marine navigation. Includes fundamentals of dead reckoning, piloting, tides and current, celestial navigation and electronic navigation.

NSCI 3130 Amphibious Warfare 3 hours

History and development of amphibious warfare, principles of amphibious warfare techniques; their application in selected examples from modern.

NSCI 3140 Leadership and Management 3 hours

This course provides a basic understanding of the interrelationship between authority, responsibility and

accountability within a task oriented organization. Students learn to apply leadership and management skills to prioritize competing demands and to attain mission objectives. Students learn the importance of planning and follow-up. They develop a basic understanding of communication and counseling as it pertains to personnel management. Students gain basic understanding of effective leadership traits and how they should be applied to ensure accomplishment of a unit's objectives. Prerequisites: NSCI 3220 or 3130; sophomore standing. Graded on A/F basis only.

NSCI 3220 Naval Operations 3 hours
Principles and concepts of naval operations; rules of the road, command and control in naval operations, communications, antisubmarine warfare, international maritime law, and practical solution of relative motion problems. Prerequisite: NSCI 3120.

NSCI 4940 Leadership and Ethics 2 hours
Capstone course of the NROTC academic syllabus. It is designed to provide all midshipmen with the ethical foundation and basic leadership tools needed to be effective junior officers. Prerequisite: junior standing in NROTC.

NURSING (NURS)

Nursing Department

NURS 209 Introduction to Nursing 6 hours
This introductory course to nursing is designed to expose the student to the health care environment and to develop basic care skills. This course is required for those students applying to the nursing program. Important concepts and essential basic skills in clinical patient care for the beginning nursing student are discussed and practiced. Other topics include study skills, test-taking strategies, information technology, medical terminology, math assessment and communication skills. \$50 lab fee. Students with nursing experience may be able to receive Credit for Prior Learning through a test out process. A \$50 testing fee will be charged. Prerequisites: BIOL 110, BIOL 110L, CHEM 109 with a grade of C or higher. Offered Fall (1st 8 weeks), Spring (1st 8 weeks) and Summer.

NURS 210 Fundamentals of Nursing 6 hours
This course is designed to introduce students to the fundamental concepts of nursing across the lifespan and the role of the registered nurse. The nursing process is utilized to identify and provide the building blocks of nursing care in a variety of healthcare settings. Emphasis is placed on developing skills needed to assess, implement and monitor selected nursing interventions and technologies. Concepts presented include beginning professionalism, therapeutic communication, documentation, life-span considerations, basic introduction to skills for supporting patient care, physical assessment, infec-

tion control, patient education, safety and nursing interventions. These concepts are presented and practiced in the skills lab and in the clinical area. \$100 lab fee. Prerequisites: Admission to the nursing program; NURS 209 if applicable. This nursing course is offered to nursing students at the campus site they regularly attend. The lecture portion of the course may be offered by in-classroom instruction or by interactive video classroom technology. Offered Fall (2nd 8 weeks) and Spring (2nd 8 weeks).

NURS 211 Mental Health Nursing 3 hours
This course is designed provide the foundation for entry level competence in mental health nursing across the lifespan. Interpersonal, behavioral, psychosocial and communication concepts provide the basis for effective and therapeutic mental health nursing. Critical thinking skills and evidence based practice concepts are applied and analyzed. Emphasis is placed on selected pathophysiology and related care using the nursing process. Therapeutic communication skills within the nurse-patient-family relationship are highlighted in the care of patients with psychosocial, substance dependence and other mental health deviations. Other topics integrated throughout the course are legal-ethical issues, patient education, pharmacological and sociocultural principles. Alternative therapies and treatments are investigated and discussed, as well as the roles and responsibilities of the professional nurse, including collaboration with other disciplines and organizations as resources and support mechanisms. \$35 lab fee. This nursing course is offered to nursing students at the campus site they regularly attend. The lecture portion of the course may be offered by in-classroom instruction or by interactive video classroom technology. Prerequisites: Admission to the nursing program; NURS 210. Corequisite: NURS 212. Offered Spring (1st 8 weeks) and Summer.

NURS 212 Pharmacology for Nursing 3 hours
This course is designed to provide the nursing student with a sound basis for the clinical application of pharmacology. The basics of core drug knowledge, including pharmacotherapeutics, pharmacodynamics and pharmacokinetics, with patient-related variables affecting pharmacotherapy are presented. Emphasis is placed on learning drug classification by categories affecting various body systems and disease states. Legal aspects of drug administration, including nursing safeguards, are included. \$35 lab fee. This nursing course is offered to nursing students at the campus site they regularly attend. The lecture portion of the course may be offered by in-classroom instruction or by interactive video classroom technology. Prerequisites: Admission to the nursing program; NURS 210. Corequisite: NURS 211. Offered Spring (1st 8 weeks) and Summer.

NURS 213 Foundations of Professional Nursing 6 hours

This course is designed to provide the foundation for the role of the registered professional nurse. Nursing as a profession, nursing standards and legal-ethical issues in nursing are explored. Communication principles, nutrition and patient teaching continue to be discussed. Principles of medication administration, math as applied to medication administration, intravenous therapy and physical assessment skills are covered. Critical thinking skills and evidence-based practice concepts are applied to multiple nursing situations. General principles of caring for patients across the lifespan with common medical surgical health deviations are the clinical focus. Accompanying skills lab and clinical experiences are designed to increase the knowledge, judgement, skills level and professional behaviors in the nursing student. \$75 lab fee. This nursing course is offered to nursing students at the campus site they regularly attend. The lecture portion of the course may be offered by in-classroom instruction or by interactive video classroom technology. Prerequisites: Admission to the nursing program; NURS 210, NURS 211, NURS 212. Offered Fall (1st 8 weeks) and Spring (2nd 8 weeks).

NURS 214 Medical Surgical Nursing I 6 hours

This course is designed to integrate knowledge and skills from previous nursing courses to develop a progressing knowledge base in medical surgical nursing across the lifespan. Fluid and electrolytes and acid/base concepts are introduced. Common medical surgical health deviations are reviewed with an emphasis on pathophysiology, health promotion and nursing interventions. Principles of communication, patient teaching, pharmacology, nutrition, and culture/ethnic/socially diverse concepts are integrated with these topics to develop critical thinking skills in patient care. Introduction to leadership and management theories are presented. \$35 lab fee. This nursing course is offered to nursing students at the campus site they regularly attend. The lecture portion of the course may be offered by in-classroom instruction or by interactive video classroom technology. Prerequisites: Admission to the nursing program; NURS 210, NURS 211, NURS 212, NURS 213. Offered Fall (2nd 8 weeks) and Summer.

NURS 215 Medical Surgical Nursing II 6 hours

This course is designed to introduce students to specialty areas and technology associated with care of critically ill medical surgical patients. Emphasis is placed on developing skills needed to plan, manage and provide patient care to critically ill patients using the nursing process. Critical thinking skills and evidence-based practice concepts are applied to multiple nursing scenarios. Communication, legal-ethic concepts, patient education and pharmacological, nutritional and sociocultural principles are integrated

throughout the course. \$35 lab fee. This nursing course is offered to nursing students at the campus site they regularly attend. The lecture portion of the course may be offered by in-classroom instruction or by interactive video classroom technology. Prerequisites: Admission to the nursing program; NURS 210, NURS 211, NURS 212, NURS 213, NURS 214. Offered Fall (1st 8 weeks) and Spring (1st 8 weeks).

NURS 216 Women's and Infant's Health 6 hours

This course is designed to provide the foundation for entry-level competence in women's and infant's health. Critical thinking skills and evidence-based practice concepts are applied to multiple nursing scenarios. Emphasis is placed on developing nursing care for a woman with an uncomplicated or complicated pregnancy, the normal and high risk infant and women's reproductive and post-reproductive health and health deviations. Various developmental theories are presented to assist the student in analyzing growth and development from birth through middle age adults. Communication, legal-ethical concepts, patient education and pharmacological, nutritional and sociocultural principles are integrated throughout the course. \$35 lab fee. This nursing course is offered to nursing students at the campus site they regularly attend. The lecture portion of the course may be offered by in-classroom instruction or by interactive video classroom technology. Prerequisites: Admission to the nursing program; NURS 210, NURS 211, NURS 212, NURS 213, NURS 214, NURS 215. Offered Fall (2nd 8 weeks) and Spring (2nd 8 weeks).

PHILOSOPHY (PHIL)**Humanities Department****PHIL 201 Introduction to Western Philosophy 3 hours**

Exploration of problems and methods of philosophical inquiry including such topics as belief systems, values and meaning; theories of nature, God and humankind; the nature of knowledge and its acquisition. Offered Fall and Spring. **G.E.**

PHIL 202 Introduction to Eastern Philosophies and Religions 3 hours

Examination of philosophy, religion, and belief systems of Eastern cultures, past and present. Students study the various traditional "systems of thought" from India, China, Tibet and Japan. Cross-listed as RELI 202. Offered Fall and Spring. *Course meets Multicultural graduation requirement.* **G.E.**

PHIL 210 Logic and Critical Thinking 3 hours

Overview of the principles and methods of critical thinking, inductive reasoning and deductive logic.

Emphasis on the formulation and evaluation of ordinary language arguments. Offered Fall and Spring. **G.E.**

PHIL 233 Topics 1-3 hours

PHIL 255, 256, 257, 355, 356, 357, 455, 456, 457 Directed Study 1-3 hours

PHIL 303 History and Philosophy of Modern Science 3 hours

Evolution of scientific thought from 1600 A.D. to the present. Cross-listed as HIST 303. Prerequisite: HIST 102. Occasional offering.

PHIL 310 Symbolic Logic 3 hours

Study of the principles and methods of formal symbolic logic. Emphases on derivations for sentence and predicate logic. Occasional offering.

PHIL 321 Ancient Philosophy 3 hours

Intensive study of treatises by major philosophers in the ancient world. Offered odd Fall.

PHIL 322 Modern Philosophy 3 hours

Intensive study of treatises by major philosophers. Offered even Fall.

PHIL 330 Ethics 3 hours

Examination of various moral philosophers' attempts to prescribe ethical norms applicable to all mankind. Prerequisite: Junior standing. Offered Fall and Spring.

PHIL 332 Environmental Ethics 3 hours

Investigation and discussion of ethical issues that concern the environment. Emphasis will be on recognition of moral problems and their resolution. Cross-listed as ENVS 332. Offered Fall.

PHIL 340 Philosophy of Revolution 3 hours

Examination of the nature of revolution – intellectual, philosophical, economic and political. Cross-listed as HIST 340. Occasional offering.

PHIL 350 Philosophy of Religion 3 hours

Philosophical exploration of the classical issues of theistic religious thought, such as the reality of God, the problem of evil, religious language, life after death and the pluralism of religious traditions. Cross-listed as RELI 350. Prerequisite: PHIL 201 or RELI 101. Occasional offering.

PHIL 358 Existentialism 3 hours

An investigation of the philosophy of existentialism through works of philosophy and fiction. The class will consider the different views of the self in existentialist thought, the relationship of the self to the world and to others, and the nature of human freedom and responsibility. Prerequisite: Junior standing. Occasional offering.

PHIL 390 The Buddha and Buddhism 3 hours

Introduction to the study of Buddhist philosophy and religious traditions, beginning with the life of Siddhartha Gautama, through the development of Buddhism in

ancient India-Theravada and Mahavana, the spread of Buddhism to China, Tibet, and Japan. The course concludes with the examination of the coming of Buddhism to the West. Cross-listed as RELI 390. Prerequisite: Junior standing. Offered even Fall.

PHIL 401 Significant Philosophers 3 hours

Careful study of one significant philosopher who has had a major impact on the history of philosophy. Students concentrate on understanding the philosopher as well as placing him or her in an historical context. Emphasis is on systematic thinkers. May be repeated with instructor's permission. Prerequisite: PHIL 321 or PHIL 322. Occasional offering.

PHIL 402 Classical Political Philosophy 3 hours

Study of major writers in political philosophy from Plato to Machiavelli. Cross-listed as POSC 402. Prerequisite: Junior standing. Offered even Fall.

PHIL 403 Modern Political Philosophy 3 hours

Study of major writers in political philosophy from Hobbes to the present. Cross-listed as POSC 403. Prerequisite: Junior standing. Offered odd Spring.

PHIL 430 Philosophy of Law 3 hours

Philosophical investigation into the concept of jurisprudence. The course covers both analytic jurisprudence, i.e., what law is and how it is distinguished from other normative systems like ethics, and normative jurisprudence, i.e., restrictions on liberty, duties to obey the law, and the role of punishment. Cross-listed as POSC 430. Prerequisite: Junior standing. Occasional offering.

PHIL 460 Biomedical Ethics 3 hours

Investigation of problematic cases in biomedical ethics, with an emphasis on sound philosophical resolution. Prerequisite: Junior standing. Offered Spring.

PHIL 490 Thematic Seminar in Philosophy 3 hours

Culminating course for Philosophy majors. Each seminar is based upon a specific philosophical issue which is studied in depth. Students write and present a research paper. A grade of C or higher is required. Prerequisite: Junior standing. Occasional offering.

PHYSICAL EDUCATION (PHED)

Education Department

PHED 100 Integrative Fitness I .5 hour

1st 8 weeks class. This course utilizes the NIA Technique, a mind-body approach to whole body aerobic fitness. The NIA Technique, Neuromuscular Integrative Action, is a movement form that combines Eastern and Western concepts and theories blending tai-chi, tae-kwon-do, Aikido, Jazz, Duncan Dance, modern dance, Yoga, Feldenkrais and Alexander Technique. Occasional offering.

- PHED 101 Integrative Fitness II .5 hour**
2nd 8 weeks class. This course utilizes the NIA Technique, a mind-body approach to whole body aerobic fitness. The NIA Technique, Neuromuscular Integrative Action, is a movement form that combines Eastern and Western concepts and theories blending tai-chi, tae-kwon-do, Aikido, Jazz, Duncan Dance, modern dance, Yoga, Feldenkrais and Alexander Technique. Occasional offering.
- PHED 103 Varsity Volleyball 1 hour**
- PHED 104 Varsity Basketball 1 hour**
- PHED 106 Varsity Softball 1 hour**
- PHED 107 Varsity Soccer 1 hour**
Note: PHED 103, 104, 105, 106, and 107 require participation and completion of all requirements for varsity sports as determined by the Athletic Department.
- PHED 108 Beginning Weight Training and Conditioning I .5 hour**
1st eight weeks. An activity class designed to improve total fitness through weight training and aerobic activity. Offered Fall and Spring.
- PHED 109 Beginning Weight Training and Conditioning II .5 hour**
2nd eight weeks. An activity class designed to improve total fitness through weight training and aerobic activity. Offered Fall and Spring.
- PHED 110 Yoga .5 hour**
An activity class designed to teach the basics of yoga practice to develop lifelong strength and flexibility. Occasional offering.
- PHED 111 Beginning Tennis .5 hour**
An activity class designed for the individual who wants to learn a lifetime activity. Offered Fall and Spring.
- PHED 112 Indoor Racquet Sports .5 hour**
A lifetime activity class (Badminton).
- PHED 113 Recreational Volleyball .5 hour**
An activity class designed to teach the basics of recreational volleyball.
- PHED 114 Advanced Lifesaving .5 hour**
A Red Cross certified course for people interested in lifeguarding. Occasional offering.
- PHED 115 Outdoor Recreation .5 hour**
An activity class focusing on outdoor lifetime activities. Offered Fall and Spring.
- PHED 116 Cardio-Respiratory Fitness I .5 hour**
An activity class designed to introduce and improve the cardio-respiratory fitness and understanding of the student. Offered Fall and Spring (first eight weeks).

PHED 117 Cardio-Respiratory Fitness II .5 hour
An activity class designed to introduce and improve the cardio-respiratory fitness and understanding of the student. Offered Fall and Spring (second eight weeks).

PHED 118 Varsity Golf 1 hour

PHED 119 Varsity Cross-Country 1 hour

PHED 120 Advanced Strength and Conditioning 2 hours

Provides students the advanced knowledge of the concepts, application, techniques and program design of strength and conditioning. Offered Fall and Spring.

PHED 130 Personal Training and Sports Nutrition 2 hours

Provides students with the basic knowledge of the nutrition needs for all levels of athletes. Offered Fall and Spring.

PHED 140 First Aid and CardioPulmonary Resuscitation (CPR) 2 hours

American Red Cross certification: basic first aid and Cardio-Pulmonary Resuscitation (CPR) procedures. Offered Fall.

PHED 150 Basic Care and Prevention of Athletic Injuries 2 hours

Introduction to fundamentals of care and prevention of athletic injuries and athletic training. Offered Fall.

PHED 350 Advanced Care, Prevention, and Rehabilitation of Athletic Injuries and Illnesses 3 hours

In-depth study of athletic-training techniques and rehabilitation of injuries and illnesses. Prerequisite: PHED 150. Offered Spring.

PHYSICS (PHYS)

Science Department

PHYS 108 Physical Science Survey 3 hours
Examination of the physical world and its underlying scientific principles. Cross-listed as CHEM 108. Prerequisite: MATH 106 or higher. Offered Fall. **G.E.**

PHYS 108L Physical Science Survey Laboratory 2 hours

Laboratory experience to complement PHYS 108. Cross-listed as CHEM 108L. Prerequisite: PHYS 108 or concurrent enrollment. PHYS 108 must be completed before PHYS 108L can be used for **G.E.** credit. Offered Fall. **G.E.**

PHYS 111 College Physics I 3 hours
First of a two-part algebra-based college physics sequence. Topics include: linear, circular and rotational motion; statics, elasticity, vibrations, waves and

sound. Students majoring in Chemistry must earn a grade of C or higher. Prerequisite: MATH 150 or MATH 170 or MATH 180. Offered Fall. **G.E.**

PHYS 111L Physics I Laboratory 2 hours
Laboratory experiences to complement PHYS 111. \$30 lab fee. Students majoring in Chemistry must earn a grade of C or higher. Prerequisites: MATH 150 or MATH 170 or MATH 180; PHYS 111 (may be taken concurrently). Offered Fall. **G.E.** when taken with PHYS 111.

PHYS 112 College Physics II 3 hours
Second of a two-part algebra-based college physics sequence. Topics include: fluids, electricity, thermodynamics, magnetism, optics, modern physics and astrophysics (optional). Students majoring in Chemistry must earn a grade of C or higher. Prerequisite: PHYS 111. Offered Spring.

PHYS 112L Physics II Laboratory 2 hours
Laboratory experiences to complement PHYS 112. \$30 lab fee. Students majoring in Chemistry must earn a grade of C or higher. Prerequisite: PHYS 111. Offered Spring.

PHYS 211 Calculus-Based Physics I 5 hours
First part of a two-part calculus-based college physics sequence. The course covers the following major areas of physics: linear, circular and rotational motion; statics; elasticity; vibrations; waves and sound. \$30 lab fee. Prerequisite: MATH 201. Offered odd Fall.

PHYS 212 Calculus-Based Physics II 5 hours
This is the second of a two-part calculus-based college physics sequence. The course covers the following: electricity, magnetism, optics, modern physics and astrophysics (optional). This course includes laboratory experiences based on the above topics. \$30 lab fee. Prerequisite: PHYS 211. Offered even Spring.

PHYS 233 Topics 1-3 hours

PHYS 255, 256, 257, 355, 356, 357, 455, 456, 457 Directed Study 1-3 hours

PHYS 401 Introduction to Physical Chemistry/Chemical Physics 3 hours
Introduction to physical principles underlying chemical science. Topics include: thermodynamics, chemical kinetics and quantum mechanics. Cross-listed as CHEM 401. Prerequisites: CHEM 112, MATH 201, PHYS 111 or 211, PHYS 112 or PHYS 212 (may be taken as a corequisite). Offered Spring.

PHYS 433 Topics 1-3 hours

POLITICAL SCIENCE (POSC) **History and Political Science Department**

POSC 111 American National Government 3 hours

Survey of the American political system, with emphasis on the Constitution, governmental structure, the political process and the economic system. Offered Fall and Spring. **G.E.**

POSC 215 State and Local Government 3 hours
To survey American governments on the sub-national level to increase awareness of the impact those governments have over citizens' lives. Offered odd Spring.

POSC 233, 333, 433 Topics 1-3 hours

POSC 233 Topics: Mock Trial 1 hour
Available to members of the Columbia College Mock Trial Team. Requires participation beginning in the Fall when the team begins preparing the case through the end of the mock trial season. Cross-listed as CJAD 233. Prerequisite: Must be a full-time Columbia College student. **Course may be repeated five times for a total of six semester hours.** Offered Fall and Spring.

POSC 255, 256, 257, 355, 356, 357, 455, 456, 457 Directed Study 1-3 hours

POSC 280 American Political and Social Thought 3 hours

American political thought from the colonial period to the present using writings of notable political figures, scholars and others. Cross-listed as AMST 280. Prerequisite: ENGL 112. Offered odd Fall.

POSC 292 International Relations 3 hours
Theory and practice of how nations relate to each other. Offered odd Spring. *G.E. Course meets Multicultural graduation requirement.*

POSC 311 Public Administration and Policy 3 hours

Examination of growth, structure, role, methods, and policy of the national bureaucracy and its impact in American government and society. Cross-listed as MGMT 311. Prerequisite: POSC 111. Offered odd Fall.

POSC 312 Environmental Politics 3 hours
Study of environmental issues and policies from both a national and global perspective. Cross-listed as ENV 312. Prerequisite: POSC 111. Occasional offering.

POSC 315 American Public Policy 3 hours
The various ways the American political system decides what issues deserve attention, how it makes policy decisions, and the implementation of those decisions. Theoretical models of decision-making are discussed as are specific examples of public

policy such as environmental policy, educational policy, health care policy and more. Prerequisites: ENGL 112, POSC 111. Offered even Spring.

POSC 317 Politics of Russia and Eurasia 3 hours
Study of the government and politics of Russia and other countries of the former Soviet Union. The course will examine the historical legacy of communism and analyze the process of political and economic transition since the collapse of the Soviet Union. *Course meets Multicultural graduation requirement.* Offered odd Spring.

POSC 321 Politics of Developing Nations 3 hours
Analysis of the governmental structures and roles played by developing nations in contemporary world affairs. *Course meets Multicultural graduation requirement.* Offered odd Fall.

POSC 326 International Law and Organizations 3 hours
Study of the evolution of international law and organizations and their role in global politics in areas such as human rights, environmental protection, collective security and global trade. Prerequisite: POSC 292. Offered odd Spring.

POSC 330 Media and Politics 3 hours
Examination of the impact of the media on political discourse and public opinion in America, as well as examine the ways in which the media is shaped and affected by political forces. Prerequisite: POSC 111. Occasional offering.

POSC 331 European Politics 3 hours
Analysis of the government and politics of the major European powers, including Britain, France and Germany, as well as the European Union. *Course meets Multicultural graduation requirement.* Offered even Spring.

POSC 332 The American Presidency 3 hours
Presidential powers and their use and impact on American political life. Prerequisite: POSC 111. Offered even Spring.

POSC 333 Topics: Model United Nations 2 hours
Available to Members of the Columbia College United Nations team. Requires participation beginning in the fall when the team begins preparing for the spring Model United Nations simulation. Course may be repeated two times.

POSC 340 Judicial Process 3 hours
Study of the state and federal court systems and the impact which those systems have on American politics and society. Offered Spring.

POSC 350 Legislative Process 3 hours
Study of Congress, its structure, procedures, role, and impact in American government. Prerequisite:

POSC 111. Offered even Fall.

POSC 353 Asian Politics 3 hours
Analysis of the government and politics of selected Asian countries and their economic and social systems. *Course meets Multicultural graduation requirement.* Offered even Fall.

POSC 360 U.S. Foreign Policy 3 hours
Examination of the historical context of U.S. foreign policy, the institutions and processes of foreign policy-making and contemporary foreign policy issues and challenges. Prerequisite: POSC 292. Offered even Spring.

POSC 361 American Political Parties 3 hours
Practical and theoretical study of the American party system. Prerequisite: POSC 111 or HIST 121 and HIST 122. Offered even Fall.

POSC 370 Dynamics of Terrorism 3 hours
This course surveys contemporary terrorism, especially international terrorism. The course examines controversies in defining terrorism; explores the historical roots of terrorism; examines terrorist motivations, organization and strategies; and explores ways in which countries can respond to the threat of terrorism. Cross-listed as CJAD 370. Offered odd Fall.

POSC 390 Political Science Research Methods 3 hours
An introduction to the research processes used by political science. The scope of political science research and the methods used to address political questions are studied. Prerequisite: three previous courses in political science or government. Offered even Fall.

POSC 399 Political Science Internship 1-3 hours
Students complete 45 hours of experiential work for each semester hour. Students typically work in a governmental office, in a non-profit agency which lobbies government, in an attorney's office, or in other similar positions promoting an understanding of American national, state, or local government. The directing faculty member must approve the internship placement. Grades are assigned as S (satisfactory) or U (unsatisfactory). Students may register for no more than 12 political science internship credits (399 and 499 combined) during their time at Columbia College. Prerequisites: POSC 111; junior standing; minimum of 2.5 cumulative GPA at time of registration for internship. Offered Fall and Spring.

POSC 402 Classical Political Philosophy 3 hours
Study of major writers in political philosophy from Plato to Machiavelli. Cross-listed as PHIL 402. Prerequisite: Junior standing. Offered even Fall.

POSC 403 Modern Political Philosophy 3 hours

Study of major writers in political philosophy from Hobbes to the present. Cross-listed as PHIL 403. Prerequisite: Junior standing. Offered odd Spring.

POSC 430 Philosophy of Law 3 hours
Philosophical investigation into the concept of jurisprudence. The course covers both analytic jurisprudence, i.e. what law is and how it is distinguished from other normative systems like ethics, and normative jurisprudence, i.e., restrictions on liberty, duties to obey the law, and the role of punishment. Cross-listed as PHIL 430. Prerequisite: Junior standing. Occasional offering.

POSC 440 Constitutional Law 3 hours
Study of the Constitution's evolution through Supreme Court decisions. Prerequisite: POSC 111. Offered odd Fall.

POSC 490 Independent Study in Political Science 3 hours
Culminating experience for graduation with a B.A. in Political Science. Requires original research project and final paper. Grade of C or higher required. Prerequisite: POSC 390. Offered Spring.

POSC 499 Advanced Political Science Internship 1-12 hours
Students complete 45 hours of experiential work for each semester hour. Students typically work in a governmental office, in a non-profit agency which lobbies government, in an attorney's office, or in other similar positions promoting an understanding of American national, state or local government. The directing faculty member must approve the internship placement. Grades are assigned as S (satisfactory) or U (unsatisfactory). Students may register for no more than 12 political science internship credits (399 and 499 combined) during their time at Columbia College. Prerequisites: Minimum nine hours of political science coursework; senior standing; minimum 3.0 GPA in major core classes at time of registration of internship. Offered Fall and Spring.

PSYCHOLOGY (PSYC)

Psychology and Sociology Department

PSYC 101 General Psychology 3 hours
Introduction to the field of psychology and the major sub-areas including the biological basis of behavior, sensation, perception, learning, memory, motivation, emotion, personality, stress, as well as abnormal, developmental and social psychology. **Students majoring in Psychology must earn a grade of C or higher.** Offered Fall and Spring. **G.E.**

PSYC 230 Educational Psychology 3 hours
The applied study of psychological principles in edu-

ational environments. Emphasis is on the scientific approach to teaching and learning. Students learn to plan, deliver, evaluate and report instructional outcomes. Cross-listed as PSYC 230. Includes field experience of 15 hours. Students must complete the Field Experience Application at least one semester prior to taking this course. \$30 lab fee. Prerequisite: PSYC 101. Offered Spring.

PSYC 233 Topics 1-3 hours

PSYC 240 Experimental Psychology 3 hours
Provides students with hands-on research experience and knowledge of experimental procedures through participation in representative experiments. Prerequisite: PSYC 101. Offered odd Fall.

PSYC 260 Introduction to Applied Psychology 3 hours

An introduction to Applied Psychology, including uses of psychology in personal adjustment across the lifespan, in education, interpersonal relationships, marriage, family and parenting, work, physical and psychological health, and in identifying and treating psychopathology. A service learning component may be used as a means of providing students with practical experience with applied psychology. Students are exposed to major theoretical perspectives in applied psychology and methods and findings based in scientific psychology. Offered odd Spring.

PSYC 270 Psychology of Emotion 3 hours
Study of major theories of emotion and their emergence from cognitive, behavioral, physiological, social and evolutionary perspectives in the discipline of psychology. The course examines the relationship between theory and practice in applications designed for use by teachers, counselors and other practitioners in the helping professions. Prerequisite: PSYC 101 or PSYC 260. Offered even Fall.

PSYC 304 Personality Theory 3 hours
Examination of the major personality theories, including those proposed by Freud and his followers, learning theorists, trait theorists, social-learning theorists and humanists. Current research into personality, using modern methods, also reviewed. \$20 lab fee (Day Program only). Prerequisites: 6 hrs. of PSYC courses and junior standing. Offered odd Fall.

PSYC 309 Animal Behavior 3 hours
Basic principles of animal behavior with an emphasis on the evolutionary forces that shape behavior. Cross-listed as BIOL 309. Prerequisite: Six hours of PSYC coursework or six hours of BIOL coursework. Offered odd Fall.

PSYC 320 Psychological Testing and Measurement 3 hours

Study of informal and standardized test development, administration and evaluation including the history of testing, concepts of reliability, validity, utility and psychometrics of intelligence, personality, clinical, counseling, neuropsychological assessment and career testing using the normative and criterion-referenced approaches. Prerequisites: BIOL/PSYC/SOCI 324 and nine hours of PSYC coursework. Offered odd Spring.

PSYC 324 Statistics for the Behavioral and Natural Sciences 3 hours

The study of parametric and nonparametric statistics commonly used in the behavioral and natural sciences. Included are analyses of relationship and variance, as well as effect sizes associated with each. Cross-listed as BIOL/SOCI 324. **Students majoring in Biology or Psychology must earn a grade of C or higher.** Prerequisite: Grade of C or higher in MATH 150 or higher-level math course. Offered Fall and Spring.

PSYC 325 Quantitative Research Methods 3 hours

Study of applied research in the behavioral sciences, with an emphasis on design, methodology, results interpretation, and theory building. Quantitative approaches are addressed, employing both parametric and nonparametric statistics. Cross listed as SOCI 325. Prerequisites: Grade of C or higher in BIOL/PSYC/SOCI 324; junior standing. Offered Fall and Spring.

PSYC 327 Qualitative Research Methods 3 hours

Understanding qualitative research and developing qualitative research skills, examining exemplars in the field, exploring the various qualitative research methodologies such as participant-observation and in-depth interviewing and the theoretical and ethical dilemmas associated with each. Data collection, writing field notes and transforming such data into written ethnographic documents are emphasized. Cross-listed as ANTH/SOCI 327. Prerequisite: Junior standing. Offered Spring.

PSYC 330 Lifespan Developmental Psychology 3 hours

The study of physiological, environmental, and interactive variables influencing human development from conception to death. Prerequisite: PSYC 101. Offered Fall.

PSYC 336 Industrial/Organizational Psychology 3 hours

Examination of humans and work. Investigates both theoretical models and application of principles in rela-

tion to personnel, psychology, organizational psychology, and the work environment. Prerequisite: PSYC 101. Offered even Fall.

PSYC 360 Social Psychology 3 hours

Theories, methods and research on the nature and causes of individual behavior in social situations. Cross-listed as SOCI 360. Prerequisite: Six hours of PSYC and/or SOCI courses. Offered Spring.

PSYC 371 Neuroscience 3 hours

Comprehensive survey of the physiological processes and structures underlying human and animal behavior, including sensation, movement, emotion, learning, memory, sleep, drugs and abnormal behavior. Cross-listed as BIOL 371. Prerequisites: Six hours of PSYC courses or six hours of BIOL courses. Offered even Spring.

PSYC 372 Sensation and Perception 3 hours

Introduction to the study of human senses and higher order perceptual processes. Cross-listed as BIOL 372. Prerequisites: Six hours of BIOL or six hours of PSYC courses, and junior standing. Offered odd Spring.

PSYC 381 History and Systems of Psychology 3 hours

Overview of historical antecedents and major theoretical and historical systems within psychology. **Students majoring in Psychology must earn a grade of C or higher.** Prerequisites: PSYC 101 and sophomore standing. Offered Fall and Spring.

PSYC 385 Human Sexuality 3 hours

Exploration of sexuality from biological, psychological, and social perspectives. Critical issues directly and indirectly associated with sexual behavior are addressed. Note: Human sexual behavior is openly discussed in this course and is illustrated in the textbooks. Cross-listed as SOCI 385. Prerequisite: PSYC 101 or SOCI 111. Offered Fall.

PSYC 391 Child Psychology 3 hours

The study of children from conception to puberty. Students study maturational and environmental factors that shape the physical, cognitive, and social development of the child. Cross-listed as EDUC 391. Prerequisite: PSYC 101. Offered Fall.

PSYC 392 Adolescent Psychology 3 hours

The study of youth from puberty to young adulthood. Students study maturational and environmental factors that shape the physical, cognitive, and social development of the youth. Special emphasis is focused on the transescent stage of development. Cross-listed as EDUC 392. Prerequisite: PSYC 101. Offered Spring.

PSYC 395 Adult Psychology 3 hours

Physiological, behavioral and cognitive changes that occur in adulthood and old age, discussed

from a psychological/developmental perspective
Prerequisite: PSYC 101. Occasional offering.

PSYC 399 Psychology Internship 1-3 hours
An opportunity for students to practice acquired skills under close supervision in a professional environment. Permission to enroll in an internship must be obtained from a full-time psychology instructor at least one semester prior to enrollment. Maximum of three hours of PSYC 399 allowed per semester, with a maximum of six hours over the course of the degree. Students must complete 45 hours of experiential work for each semester hour. Course is graded S (satisfactory) or U (unsatisfactory). Prerequisites: PSYC 101; 3.0 cumulative GPA. Corequisite: Junior standing. Offered Fall and Spring.

PSYC 410 Learning Theories 3 hours
In-depth study of major theories of learning, including classical, operant, social, experiential and constructivist theories and their relationship to applied and theoretical psychology. Prerequisites: Six hours of PSYC coursework and junior standing. Offered even Fall.

PSYC 420 Cognitive Psychology 3 hours
A study of human mental processes. The course covers concepts such as neurocognition, pattern recognition and attention, the function (and malfunction) of memory in its various forms, language, decision making, and problem solving. Prerequisites: Junior standing and six hours of PSYC courses. Offered odd Fall.

PSYC 430 Ethics for Behavioral and Social Sciences 3 hours
Explores philosophies of ethics as they apply to the development and use of professional codes used by behavioral science researchers and practitioners. Prerequisites: PHIL 330 and six hours of Psychology courses. Offered even Spring.

PSYC 433 Topics 1-3 hours

PSYC 450 Abnormal Psychology 3 hours
Major categories of behavior disorders are considered in terms of theory, etiology, symptoms and treatment. Fundamental questions related to diagnosis, definitions of disorders and reaction of society are discussed. Prerequisites: Six hours of psychology courses; junior standing. Offered Fall.

PSYC 455, 456, 457 Directed Study 3 hours

PSYC 460 Introduction to Clinical and Counseling Psychology 3 hours
Contemporary theory and practices in clinical and counseling psychology. Psychotherapy interventions are studied from the psychoanalytic, cognitive, family, behavioral and existential perspectives. Research, legal and ethical issues are examined as they relate to the counselor as a person and as a professional.

Prerequisites: Six hours of psychology courses and junior standing. Offered Spring.

PSYC 472 Psychopharmacology 3 hours
Introduction to psychopharmacology and the mechanisms of drug action in the brain and on the body, including: the fundamentals of pharmacokinetics, pharmacodynamics, neuroanatomy, neurotransmission, tolerance and dependence. Major drug classes covered are sedative-hypnotics, anxiolytics, psychostimulants, opiates, hallucinogens, antipsychotics, antidepressants, and mood stabilizers. Cross-listed as BIOL 472. Prerequisite: Junior standing. Offered even Fall.

PSYC 480 Group Process 3 hours
Psychotherapeutic techniques used in small and large-group interventions, including reviews of the current research, legal and ethical issues associated with paraprofessional and professional practice. Prerequisites: PSYC 101 and PSYC 460. Occasional offering.

PSYC 495 Integrative Psychology 3 hours
Required as a culminating experience prior to graduation. Capstone course integrating prior learning, exploring current research and contemporary issues in psychology. Writing intensive. Students enrolled in this senior seminar are required to take the Major Field Test for Psychology. Grade of C or higher is required for this course and all prerequisite courses. Prerequisites: Senior standing, Psychology major; PSYC 101, PSYC/BIOI/SOCI 324, PSYC/SOCI 325, PSYC 381 and any additional 18 hours of Psychology courses. Offered Spring.

PSYC 499 Advanced Psychology Internship 1-3 hours

An opportunity for students to practice acquired skills under close supervision in a professional environment. Permission to enroll in an internship must be obtained from a full-time psychology instructor at least one semester prior to enrollment. Maximum of three hours of PSYC 499 allowed per semester, with a maximum of six hours over the course of the degree. Students must complete 45 hours of experiential work for each semester hour. Course is graded S (satisfactory) or U (unsatisfactory). Prerequisites: Nine hours of PSYC coursework; 3.0 GPA in PSYC courses; cumulative 3.0 GPA. Corequisite: Senior standing. Offered Fall and Spring.

RELIGIOUS STUDIES (RELI)

Humanities Department

RELI 101 Religion and Human Experience 3 hours
Provides an objective setting to encourage students to examine religion and various religious traditions in the world, with opportunities to understand religion in the

context of their own experiences. *Course meets Multicultural graduation requirement.* Offered Fall and Spring. **G.E.**

RELI 124 The Bible as Literature 3 hours

A literary and historical approach to major biblical selections and their influence on western literature, culture and philosophy. Cross-listed as ENGL 124. Occasional offering.

RELI 201 Religious Classic Texts 3 hours

Introduction to the classic primary sources of world religions. From ancient Mesopotamia to modern classics of religious experience, the student reads, analyzes and compares the written accounts of human contemplation of the divine across time and culture. *Course meets Multicultural graduation requirement.* Occasional Offering.

RELI 202 Introduction to Eastern Philosophies and Religions 3 hours

Examination of philosophy, religion, and belief systems of Eastern cultures, past and present. Students study the various traditional "systems of thought" from India, China, Tibet and Japan. Cross-listed as PHIL 202. Offered Fall and Spring. **G.E.** *Course meets Multicultural graduation requirement.*

RELI 350 The Philosophy of Religion 3 hours

Philosophical exploration of the classical issues of theistic religious thought, such as the reality of God, the problem of evil, religious language, life after death and the pluralism of religious traditions. Cross-listed as PHIL 350. Prerequisite: PHIL 201 or RELI 101. Occasional offering.

RELI 381 History of Christianity: The Early Church 3 hours

Development of Christianity from its origins to the eve of the Reformation. Emphasis is on the evolution of theology within the context of Western civilization. Specific subjects include ancient Hebrew thought, Hellenism, gnosticism, the historical Jesus, the Trinity, Augustine, medieval theology, heresies, etc. Cross-listed as HIST 381. Prerequisite: HIST 101. Offered odd Fall.

RELI 382 Christianity in the Modern World 3 hours

Development of Christian thought from the late Middle Ages to the present. Emphasis is on the confrontation of Christian theology with modernity. Specific subjects are: the Reformation, Counter-Reformation, the scientific revolution, the Enlightenment, Liberal Theology, the Theology of Crisis, etc. Cross-listed as HIST 382. Prerequisite: HIST 102. Offered even Spring.

RELI 390 The Buddha and Buddhism 3 hours

Introduction to the study of Buddhist philosophy and

religious traditions, beginning with the life of Siddhartha Gautama, through the development of Buddhism in ancient India-Theravada and Mahayana – the spread of Buddhism to China, Tibet, and Japan. The course concludes with the examination of the coming of Buddhism to the West. Cross-listed as PHIL 390. Prerequisite: Junior standing. Offered even Fall.

RELI 400 Religion and Science 3 hours

A study of the contemporary encounter of science and religion in the light of their historical background, aims, methods, points of conflict and possible dialogue. Subjects include: logos and mythos, the case of Galileo, Newton, Darwinism, Einstein's religion, creation and Big Bang, Creationism and Design, Anthropic Principle, contingency and necessity, God, secular humanism. Prerequisite: Junior standing. Offered odd Spring.

SOCIOLOGY (SOCI)

Psychology and Sociology Department

SOCI 111 General Sociology 3 hours

Introductory study of small and large scale human social interaction and social organizations. Offered Fall and Spring. **G.E.** *Course meets Multicultural graduation requirement.*

SOCI 112 General Anthropology 3 hours

Introduction to the study of human physical and cultural evolution. Cross-listed as ANTH 112. Offered Spring. **G.E.** *Course meets Multicultural graduation requirement.*

SOCI 210 The Sociology of Gender 3 hours

Critical examination of gender as a social construct. The role of gender in socialization, sexuality, family, religion, work, the mass media, education, politics. Cross-listed as WMST 210. Offered Spring. **G.E.**

SOCI 214 Family 3 hours

Survey of structures, functions, processes, alternative life styles and problems in the contemporary family. Offered odd Fall.

SOCI 216 American Social Problems 3 hours

Nature and impact of contemporary social problems. Offered even Spring.

SOCI 218 Social Deviance 3 hours

Nature, theories and models of deviant behavior. Categories and causes of deviance including violence, sexual deviance, mental illness, substance abuse, street crime and white collar crime. Societal responses to deviance. The uses of stigma to label deviants. Offered Spring.

SOCI 230 The Sociology of Sport 3 hours
Survey of social theories and projected role of the patterns of sports and heroism in society. Offered odd Fall.

SOCI 270 Minority Cultures and Relations 3 hours
Survey of historical and contemporary minority-majority relations among various racial, ethnic and gender groups. Focus on the social construction of race and ethnicity. Cross-listed as ANTH 270. Offered Fall and Spring. *G.E. Course meets Multicultural graduation requirement.*

SOCI 310 Women and Society 3 hours
Analysis of the social and cultural forces that shape women's position in society; explanations and critical analysis of the gendered nature of our reality. Cross-listed as WMST 310. Offered Fall.

SOCI 312 Organizations and Institutions 3 hours
Patterns of social organization in modern societies; organizational structures and processes; interrelation of social institutions; problems of an organizational society and its consequences for individual life experiences. Prerequisite: Junior standing. Occasional offering.

SOCI 321 Criminology 3 hours
Theories concerning the nature, cause, control, treatment, and prevention of crime. Topics include current trends in U.S. crime rates; media coverage of crimes; patterns of victimization; characteristics of property crimes, violent crimes, corporate crimes, political crimes and victimless crimes. Critical examination of current law enforcement and correctional policies and practices is included. Prerequisite: Junior standing. Offered Fall.

SOCI 324 Statistics for the Behavioral and Natural Sciences 3 hours
The study of parametric and nonparametric statistics commonly used in the behavioral and life sciences. Included is analyses of relationship and variance, as well as effect sizes associated with each. **Students majoring in Biology or Psychology must earn a grade of C or higher.** Cross-listed as BIOL/PSYC 324. Prerequisite: Grade of C or higher in MATH 150 or higher-level math course.. Offered Fall and Spring.

SOCI 325 Quantitative Research Methods 3 hours
The study of applied research in the behavioral sciences, with an emphasis on design, methodology, results interpretation and theory building. Quantitative approaches are addressed, employing both parametric and nonparametric statistics. Cross-listed as PSYC 325. Prerequisites: Grade of C or higher in BIOL/PSYC/SOCI 324; junior standing. Offered Fall and Spring.

SOCI 327 Qualitative Research Methods 3 hours
Understanding qualitative research and developing qualitative research skills, examining exemplars in the field, exploring the various qualitative research methodologies such as participant-observation and in-depth interviewing and the theoretical and ethical dilemmas associated with each. Data collection, writing field notes and transforming such data into written ethnographic documents are emphasized. Cross-listed as ANTH/PSYC 327. Prerequisite: Junior standing. Offered Spring.

SOCI 331 Juvenile Delinquency 3 hours
Nature and extent, competing models and theories, prevention, control, treatment and research in juvenile delinquency. Prerequisite: Junior standing. Offered Spring.

SOCI 333, 433 Topics 1-3 hours

SOCI 336 Global Perspectives on Women and Development 3 hours
Critical analysis of the history and discourse surrounding development, with special emphasis on how the development process has affected women across the globe. Attention is paid to the often invisible connections between Western women and women in non-Western societies, including the perspectives and experiences of women across the globe. Topics include globalization; women, work and poverty within a global society; women, development and health; women and the state; the global sex trade; and motherhood across the globe. Cross-listed as ANTH/WMST 336. Prerequisite: Junior standing. Offered odd Fall. *Course meets Multicultural graduation requirement.*

SOCI 341 Sociology and Anthropology Of Religion 3 hours
Examines the sources and roles of religion in societies. Offers an introduction to the major sociological theories and concepts about religions and religious movements. Provides a cross-cultural approach to religious systems and practices. Focuses on how religion fosters social integration and community, but also power, oppression and discrimination. These themes are discussed using examples of the religious perspectives on and experiences of women, gays/lesbians, and ethnic minorities. Cross-listed as ANTH 341. Offered odd Fall. *Course meets Multicultural graduation requirement.*

SOCI 350 Social Gerontology 3 hours
Social, psychological, and physical aspects of aging, including the consequences of the societal demographic shifts toward an increasingly aged society. Investigate the research on death and dying and the role of the elderly in our society. Additionally, generate an understanding of the theoretical perspectives on aging. Cross-listed as HUMS 350. Prerequisite: Junior standing. Offered even Fall.

SOCI 355, 356, 357, 455, 456, 457 1-3 hours
Directed Study

SOCI 360 Social Psychology 3 hours
Theories, methods, and research on the nature and causes of individual behavior in social situations. Cross-listed as PSYC 360. Prerequisite: Six hours of PSYC and/or SOCI courses. Offered Spring.

SOCI 365 American Social Policy 3 hours
Nature and development of American social policy, including the history of current structures of social welfare services, the role of policy in service delivery and analyses of current social welfare policy issues including family policy, healthcare policy, drug policy, tax policy and other topical issues. Cross-listed as HUMS 365. Prerequisite: Junior standing. Offered Spring.

SOCI 375 Social Movements 3 hours
Examination of social movements, from what conditions facilitate their development to how success is measured. Focus on sociological analysis of a wide variety of social movements of the twentieth century American society and their significance for American society: the Progressive era reform movements, the labor movement, the women's movement, the environmental movement, the gay rights movement, the civil rights and other racial/ethnic movements of the 1960s, as well as free speech and anti-war movements of the period. Cross-listed as AMST 375. Prerequisite: Junior standing. Offered odd Spring.

SOCI 380 Sociology of Culture and Mass Media 3 hours
Sociological theories of mass media, social impacts of mass media and popular culture on collective consciousness; structure versus agency; new media; the internet. Prerequisite: Junior standing. Offered Fall.

SOCI 385 Human Sexuality 3 hours
Exploration of sexuality from biological, psychological and social perspectives. Critical issues directly and indirectly associated with sexual behavior are addressed. Note: Human sexual behavior is openly discussed in this course and is illustrated in the textbooks. Cross-listed as PSYC 385. Prerequisite: PSYC 101 or SOCI 111. Offered Fall.

SOCI 401 The American Community 3 hours
Theories of community change in nature, history, structure and function of American communities. Current trends and issues facing U.S. communities. Impact of demographic changes on communities. Roles of corporations, governments, voluntary organizations and individuals in shaping communities. Intentional communities, cyber communities. Prerequisite: Junior standing. Occasional offering.

SOCI 412 Slavery and Human Trafficking: Past and Present 3 hours
This course explores how slavery and the traffic of human beings have been justified, organized, and practiced in different cultures and at different times. Focusing on three particular world regions (Africa, Asia and the Americas), and covering both historical and contemporary forms of slavery, the course uses anthropological perspectives to examine definitions and representations of slavery, as well as the economic, political and social forces that shape human exploitation cross-culturally. Cross-listed as ANTH 412. Prerequisite: Junior standing. Offered Fall.

SOCI 421 Class, Status, and Power 3 hours
Societal stratification systems and social inequalities, including the arenas of inequality, primarily class, race/ethnicity, gender, and sexuality, as well as the role of power in constructing and maintaining such inequality; at the creation of wealth and poverty, both in the United States and globally, consequences of racial and gender inequality, and the stratification system surrounding sexualities. Prerequisite: Junior standing. Offered Fall.

SOCI 460 Classical Social Theory 3 hours
History and origins of major schools of thought in sociology from the Enlightenment through World War II. Emphasis on the underlying principles and major works of Comte, Marx, Spencer, Weber, Durkheim, Simmel, Mannheim, DuBois, Mead, Veblen, Lukacs, Adorno, Horkheimer, Parsons. Prerequisite: Junior standing. Offered odd Fall.

SOCI 470 Contemporary Social Theory 3 hours
Survey of contemporary social theory, beginning in post-World War II era through the current era of post-structuralism, feminist sociology, critical race theory and queer theory. Includes the study of C. Wright Mills, Jurgen Habermas, Pierre Bourdieu, Immanuel Wallerstein, Anthony Giddens, Michel Foucault, Theda Skocpol, Dorothy Smith, Adrienne Rich and Patricia Hill Collins. Prerequisite: Junior standing. Offered even Spring.

SOCI 485 Feminist Theory and Methodology 3 hours
This course analyzes the intellectual debate feminism has inspired in academia. Analyzes the specific contributions of feminist researchers across the disciplines, specifically focusing on feminist methods of inquiry, challenges to the traditional science model, dilemmas of feminist research, and feminist theoretical contributions. Standpoint theory, research reflexivity, and questions of objectivity and subjectivity are among the topics covered. Cross-listed as WMST 485. Offered odd Spring.

SOCI 495 Integrative Seminar 3 hours
Culminating experience for the major. A capstone course to apply prior learning to probing major areas of research in sociology. Prerequisites: Senior standing, Sociology Major, SOCI 111, 324, and 325. Offered Fall and Spring.

SOCI 499 Internship 1-3 hours
 Involves the application of the student's sociological knowledge and skills in an actual work environment under supervision. Sociology instructor's and field supervisor's permission must be obtained one semester prior to internship. Prerequisites: Sociology major, senior standing, 3.0 or higher GPA in Sociology courses. Offered Fall and Spring.

SPANISH (SPAN) **Humanities Department**

SPAN 101 Elementary Spanish I 3 hours
 Fundamentals of Spanish pronunciation, the building of basic vocabulary and patterns, oral work, studies in structure, and reading selections. Not open to native speakers or students who have had three or more years of high school Spanish. Offered Fall. *Course meets three hours of Foreign Language graduation requirement.*

SPAN 102 Elementary Spanish II 3 hours
 A continuation of Spanish I, with increased attention to grammar and writing. Not open to native speakers or students who have had four years of high school Spanish. Prerequisite: SPAN 101 with a grade of C or higher or three years of high school Spanish. Offered Spring. *Course meets three hours of Foreign Language graduation requirement.*

SPAN 103 Elementary Spanish III 3 hours
 The development of the ability to use the language by oral-aural drills and readings, and beginning emphasis on writing compositions. Native speakers enrolling in Spanish courses begin with SPAN 103. Prerequisite: SPAN 102 with a grade of C or higher. Offered Fall.

SPAN 104 Elementary Spanish IV 3 hours
 Continued development of the ability to use the language at the intermediate level, with more advanced grammar, and readings with a focus on a continued emphasis on writing in Spanish. Prerequisite: SPAN 103 with a grade of C or higher. Offered odd Spring.

SPAN 110 Spanish for Medical Personnel 3 hours
 Introduction to Spanish grammar with emphasis on basic communication; vocabulary for hospital use; knowledge of cultural characteristics of Spanish-speaking groups within the U.S. Occasional offering.

SPAN 111 Spanish for Law Enforcement Personnel 3 hours
 Introduction to Spanish grammar for basic communication; emphasis on law enforcement terminology, legal

instructions. Introduction to cultural characteristics and heritage of Spanish-speaking groups within the U.S. Occasional offering.

SPAN 112 Spanish for Social-Service Workers 3 hours

Introduction to Spanish grammar with emphasis on basic communication; vocabulary emphasizes social problems, government aid to the disadvantaged, medical health, diet and problems of consumers. Occasional aid to the disadvantaged, medical health, diet and problems of consumers. Occasional offering.

SPAN 203 Spanish Conversation I 3 hours
 Conversational Spanish using cultural-based materials and readings emphasizing the four skills: speaking, listening, reading, and writing, as well as a review of elementary and intermediate Spanish-level grammatical points. Prerequisite: SPAN 104 with a grade of C or higher. Occasional offering.

SPAN 204 Spanish Composition/Conversation and Culture 3 hours

Oral and written composition; review of more difficult grammatical constructions and idioms. Oral practice in everyday Spanish, discussion, idiomatic usage, listening, comprehension, speaking, as well as the introduction of elementary-level Spanish-American and Peninsular literature. Prerequisite: SPAN 104 with a grade of C or higher. Occasional offering.

SPAN 233 Topics 1-3 hours

SPAN 255, 256, 355, 356, 455, 456 Directed Study 1-3 hours
 Individual students meet with the instructor to carry out a prearranged program of specialized study.

SPAN 305 Advanced Spanish Conversation and Composition 3 hours

Intensive study of comprehension, pronunciation, and grammar, with brief written compositions and oral dialogues. Prerequisite: SPAN 102. Occasional offering.

SPAN 306 Commercial Spanish 3 hours

Composition of Spanish business correspondence; translating technical writing and commercial documents; documentary credits; international business transactions. Prerequisite: SPAN 305. Occasional offering.

SPAN 433 Topics 1-3 hours

SPAN 499 Internship 1-12 hours
 Qualified students have the opportunity to work during the summer months in an international trade setting. Occasional offering.

STUDY ABROAD

COLL 177 Study Tour Experiences 1 hour
Short term study abroad experience. Occasional offering.

__ 277 / 377 / 477 1-3 hours
Short term study abroad experiences. Subject matter will vary within the department's field of study. Course may be repeated. Prerequisite: Determined by instructor. Occasional offering.

TUTORING

-- 225 Tutoring .5 -3 hours
Students tutor in specific subject areas. A student earns one elective semester hour for 45 clock hours of tutoring time. The student arranges a tutoring schedule with the supervisor and enrolls in this course after completing the required hours for credit. Prerequisite: to be determined by the faculty or staff supervisor of each student enrolling for discipline-specific tutoring.

WOMEN'S STUDIES (WMST)

Psychology and Sociology Department

WMST 210 The Sociology of Gender 3 hours
Critical examination of gender as a social construct. The role of gender in socialization, sexuality, family, religion, work, the mass media, education, politics. Cross-listed as SOCI 210. Offered Spring. **G.E.**

WMST 310 Women and Society 3 hours
Analysis of the social and cultural forces that shape women's position in society; explanations and critical analysis of the gendered nature of our reality. Cross-listed as SOCI 310. Offered even Fall.

WMST 322 Women and Gender in European History 3 hours
This course examines the history of women across Europe from the Middle Ages to the present. This course examines gender as a system of power relations that has been integral to the shaping of European nations' politics and public policy and to the development of national and international economies. The class explores the meaning of women's status across cultures and historical periods; examines how women have attempted to define, maintain, or gain power in changing historical circumstances; identifies common dilemmas and struggles faced by women; and consider how changing definitions of gender have intersected with ideas about race and ethnicity throughout European history. Cross-listed as HIST 322. Prerequisite: Junior standing. Offered even Spring.

WMST 336 Global Perspectives on Women and Development 3 hours

Critical analysis of the history and discourse surrounding development, with special emphasis on how the development process has affected women across the globe. Attention is paid to the often invisible connections between Western women and women in non-Western societies including the perspectives and experiences of women across the globe. Topics include globalization; women, work and poverty within a global society; women, development and health; women and the state; the global sex trade; and motherhood across the globe. Cross-listed as ANTH/SOCI 336. Prerequisite: Junior standing. Offered odd Fall. *Course meets Multicultural graduation requirement.*

WMST 343 Gender Communication 3 hours
Examination of the significant role of gender in human communication behaviors as enacted in social spaces of daily life. Cross-listed as COMM 343. Prerequisite: Sophomore standing. Offered even Spring.

WMST 373 Women and Gender in American History 3 hours

This course examines the history of women in the United States from the colonial era to the present. This course examines gender as a system of power relations that has been integral to the shaping of American politics and public policy and to the development of the American economy. The class explores the meaning of women's status across cultures and historical periods; examines how women have attempted to define, maintain, or gain power in changing historical circumstances; identifies common dilemmas and struggles faced by women; and considers how changing definitions of gender have intersected with ideas about race and ethnicity throughout American history. Cross-listed as HIST 373. Offered odd Spring.

WMST 485 Feminist Theory and Methodology 3 hours

This course analyzes the intellectual debate feminism has inspired in academia. Analyzes the specific contributions of feminist researchers across the disciplines, specifically focusing on feminist methods of inquiry, challenges to the traditional science model, dilemmas of feminist research, and feminist theoretical contributions. Standpoint theory, research reflexivity, and questions of objectivity and subjectivity are among the topics covered. Cross-listed as SOCI 485. Prerequisite: Junior standing. Offered odd Fall.

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