# Undergraduate-Level Teacher Certification Checklist
# (Undergrad-level Post-Baccalaureate)
# MIDDLE SCHOOL SCIENCE (Grades 5-9)

## Education department

**POST BACCALAUREATE STUDENTS ARE ONLY ELIGIBLE TO TAKE COURSES REQUIRED FOR CERTIFICATION. NON-CERTIFICATION COURSES ARE NOT COVERED BY FINANCIAL AID.**

**CONTENT AREA COURSEWORK FOR GENERAL SCIENCE** **24 hrs (minimum)**

| Grade | Course # | Course Title | Cr Hrs |
|---|---|---|---|
| | ASTR 108 | Introduction to Astronomy | 3 |
| | BIOL 110 | Principles of Biology I | 3 |
| | CHEM/PHYS 108 | Physical Science Survey | 3 |
| | Choose one: | CHEM 109 - Chemistry for Biological and Health Related Sciences or CHEM 110 - Chemistry I | 3 |
| | ENVS 115 | Introduction to Environmental Science | 3 |
| | GEOL 111 | Applied Geology | 4 |
| | Choose one: | HIST 303 – Science, Technology, and Humanity: A History or BIOL/CHEM/ENVS 105 – Essentials of Science | 3 |
| | PHYS 111 | College Physics I | 3 |

**Professional Education Coursework**

| Grade | Course # | Course Title | Cr Hrs | Field Experience (observation hrs) included |
|---|---|---|---|---|
| | SOCI 270 | Minority Cultures and Relations | 3 | none |
| | EDUC 200 | Law, Ethics, and Education | 3 | 15 hrs |
| | EDUC 220 | Methods of Teaching English Learners | 3 | None |
| | EDUC 230 | Educational Psychology | 3 | none |
| | EDUC 300 | Techniques of Teaching | 3 | 15 hrs |
| | EDUC 390 | Education & Psychology of the Exceptional Child | 3 | none |
| | Choose option | EDUC 396 – Child and Adolescent Development*;* **or** EDUC 391 – Child Psychology **and** EDUC 392 – Adolescent Psychology | 3 | none |
| | | ***Admission to the Teacher Certification Program (See Teacher Certification Program checklist)*** | | |
| | EDUC 311 | Classroom Management Techniques | 3 | 15 hrs |
| | EDUC 322 | Educational Measurement and Assessment | 3 | none |
| | EDUC 326 | Middle School Methods | 3 | none |
| | EDUC 338W | Content Reading and Writing | 3 | 15 hrs |
| | EDUC 365 | Teaching Middle School and Secondary Science | 3 | 15 hrs |
| | EDUC 376 | Adolescent Literacy | 3 | 15 hrs |
| | EDUC 400 | Senior Seminar | 3 | none |

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|---|---|---|---|---|
| | | ***Approval for Student Teaching (See Student Teaching Checklist)*** | | |
| | EDUC 425 | Undergraduate Student Teaching | 12 | 16 weeks |
| | | Total Credit Hours | 54 | |
| | | ***Approval for DESE certification recommendation (See DESE Certification checklist)*** | | |

**Retention Criteria:**

- Complete at least 6 hours of professional education each year
- Complete Field Experiences and receive favorable evaluations from cooperating teachers and college supervisors
- Maintain a cumulative GPA of 3.0 or above in professional education courses and GPA of 2.5 or above in content area courses

**Other requirements that must be completed prior to certification:**

- Successful completion/passing of appropriate Content Area Assessment – Praxis
- Successful completion of program certification performance assessment – MEES

**Other Requirements:**

Post-Baccalaureate certification students completing the FAFSA to receive financial aid for certification must complete the following questions on the 2026-27 FAFSA accordingly:

Section 4 – Student College or Career School Plans:

- "When the student begins the 2026-27 school year, what will their college grade level be?" – Answer "Other undergraduate (junior year and beyond)"
- "When the student begins the 2026-27 school year, will they already have their first bachelor's degree?" – Answer "Yes"
- "Will the student be pursuing an initial teaching certification at the elementary or secondary level?" – Answer "Yes"

https://studentaid.gov/h/apply-for-aid/fafsa

**Graduate Post-Bacc and the MAT degree**

If you are planning to reapply to the college for the Graduate Post-Baccalaureate program (in order to take some of your certification courses at the graduate level), note that you may want to delay some courses until after you're admitted to the Graduate Post-Bacc program. For example, the graduate equivalent for SOCI 270 and EDUC 230 (EDUC 555 and EDUC 560) are core courses for the MAT (Master of Arts in Teaching) degree.

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