

SECONDARY EDUCATION - PHYSICS (6-12) UNDERGRADUATE CERTIFICATE

Banner Code: E1-CERB-SEEP

Academic Advising

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This 23-credit certificate is available only to students pursuing a BS in Physics (<http://catalog.gmu.edu/colleges-schools/science/physics-astronomy/physics-bs/>). Students who complete both the BS in Physics and this certificate will be considered *Virginia state-approved educator preparation program completers* and will be eligible for recommendation for an initial VA teaching license in Secondary Education (6-12) Physics.

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|----------------------|--|-----------|
| SEED 483 | Advanced Methods of Teaching Science in Secondary School | 3 |
| SEED 491 | Internship Seminar in Secondary Teaching | 2 |
| SEED 494 | Internship: Secondary Education Science (Mason Core) (http://catalog.gmu.edu/mason-core/) | 6 |
| Total Credits | | 23 |

Admissions & Policies

Admissions

Students applying for this undergraduate certificate as a secondary program must have satisfied the following requirements:

- enrolled in the BS in Physics program
- a minimum cumulative GPA of 3.00
- an official College of Education and Human Development review of discipline-specific content competencies coursework (note: a minimum grade of C (2.00) must have been attained in such coursework completed at Mason).
See website (<https://cehd.gmu.edu/teacher/think-you-want-to-be-a-teacher/>) for more information on the admissions process.

Policies

Prior to application for internship, students are required to complete all discipline-specific content competency (<https://cehd.gmu.edu/endorse/>) requirements, pass licensure assessments, and have earned a grade of B (3.00) or better in all licensure coursework.

Requirements

Certificate Requirements

Total credits: 23

This certificate may be pursued on a full-or part-time basis.

Teacher Licensure Coursework

| Code | Title | Credits |
|----------|---|---------|
| EDRD 419 | Literacy in the Content Areas | 3 |
| SEED 422 | Foundations of Secondary Education | 3 |
| SEED 440 | Human Development, Learning, and Teaching | 3 |
| SEED 473 | Teaching Science in the Secondary School | 3 |