

SECONDARY SCIENCES EDUCATION, MASTER OF EDUCATION (CERTIFICATION, M.ED.)

Non-thesis only: 36 credits required

In addition to the course requirements, students must complete the following non-course requirements:

- Pass the Basic Skills Examination
- Pass the Praxis II Examination

GRADUATE PROGRAM REQUIREMENTS:

| Course | Title | Credits |
|----------------------|--|-----------|
| EDHD413 | Adolescent Development | 3 |
| TLPL641 | Reading, Cognition, and Instruction: Reading in the Content Areas I | 3 |
| TLPL420 | Knowledge, Reasoning, and Learning in Science | 3 |
| TLPL626 | Learning to Teach and Learn Science | 3 |
| TLPL678 | Professional Seminar in Education | 3 |
| TLPL698 | Conducting Research on Teaching | 3 |
| TLPL689 | Internship in Education | 8 |
| TLPL694 | Embracing Diversity: Critical Foundations of Schooling and Education (Embracing Diversity: Social, Historical, and Cultural Foundations of Schooling and Education) | 3 |
| TLPL697 | Embracing Diversity: Supporting Culturally and Linguistically Diverse Learners in the Secondary Classrooms (Embracing Diversity: Supporting Culturally and Linguistically Diverse Learners in the Secondary Classroom) | 3 |
| EDSP609 | | 3 |
| TLPL618 | Digital Learning Tools and Communities | 1 |
| Total Credits | | 36 |

*INTEGRATED MASTER'S CERTIFICATION PROGRAM REQUIREMENTS:

Please note: Prerequisite courses include TLPL101, TLPL102, TLPL414, and TLPL401. Please contact the Office of Student Services in the College of Education for additional information.

| Course | Title | Credits |
|---------|---|---------|
| TLPL641 | Reading, Cognition, and Instruction: Reading in the Content Areas I | 3 |
| TLPL689 | Internship in Education | 8 |
| TLPL678 | Professional Seminar in Education | 3 |
| TLPL626 | Learning to Teach and Learn Science | 3 |
| TLPL698 | Conducting Research on Teaching | 3 |
| EDSP609 | | 3 |
| TLPL618 | Digital Learning Tools and Communities | 1 |

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|---------|--|---|
| TLPL694 | Embracing Diversity: Critical Foundations of Schooling and Education (Embracing Diversity: Social, Historical, and Cultural Foundations of Schooling and Education) | 3 |
| TLPL697 | Embracing Diversity: Supporting Culturally and Linguistically Diverse Learners in the Secondary Classrooms (Embracing Diversity: Supporting Culturally and Linguistically Diverse Learners in the Secondary Classroom) | 3 |

Total Credits 30

*UNDERGRADUATE STUDENTS COMPLETE COURSEWORK DURING THEIR BACCALAUREATE WHICH PARTIALLY SATISFIES THE MARYLAND STATE DEPARTMENT OF EDUCATION'S TEACHER CERTIFICATION REQUIREMENTS. THE REMAINING 30 CREDITS FOR STATE CERTIFICATION ARE COMPLETED ONCE THE STUDENT IS ADMITTED TO THE GRADUATE SCHOOL.