

Education Major

Area of Emphasis

Students must complete requirements in one of the following areas of emphasis:

- Elementary and Middle School; Grades K-9
- English as a Second Language, Gr. PK-12
- Science Education
- Accelerated - Integrated with graduate Applied Leadership for Teaching and Learning program

Elementary and Middle School; Grades K-9

| Code | Title | Credits |
|-------------------------------------|---|-----------|
| Supporting Courses | | 21 |
| EDUC 206 | Culturally Responsive Teaching and Learning | |
| EDUC 210 | Foundations of Literacy | |
| EDUC 281 | Conceptual Foundations of Elementary Mathematics I | |
| EDUC 282 | Conceptual Foundations of Elementary Mathematics II | |
| EDUC 284 | Fundamentals of Algebra, Geometry and Measurement for Teaching | |
| EDUC 290 | Introduction to Educational Inquiry | |
| EDUC 291 | Educational Inquiry Field Practicum | |
| Choose One of the Following: | | 3 |
| EDUC 208 | Concepts, Issues, and Field Experience in Education | |
| FNS 211 | Mentoring First Nations Youth | |
| DJS 200 | Mentoring for Equity and Inclusion | |
| Upper-Level Courses | | 48 |
| EDUC 302 | Teaching Social Studies in Elementary and Middle Schools | |
| EDUC 307 | Teaching Reading in the Elementary and Middle Schools | |
| EDUC 309 | Teaching Language Arts in the Elementary and Middle Schools | |
| EDUC 324 | Teaching Mathematics in the Elementary and Middle Schools | |
| EDUC 325 | Teaching Science in the Elementary and Middle Schools | |
| EDUC 326 | Music, Movement and Core Arts Pedagogy | |
| EDUC 327 | Supporting Multilingual Learners in the PK-12 Classroom | |
| EDUC 333 | Curriculum & Assessment | |
| EDUC 340 | Supporting Learning and Behavior in the Classroom | |
| EDUC 345 | The Exceptional Child in Regular Education | |
| EDUC 351 | Field Project in School Settings (Math topic for 3 credits) | |
| EDUC 351 | Field Project in School Settings (Literacy topic for 3 credits) | |
| EDUC 352 | Social and Family Influences on Development and Learning | |
| EDUC 361 | Introduction to the Art and Science of Teaching | |
| EDUC 444 | Current Trends in Education | |
| EDUC 452 | Principles of Middle Level Education | |
| Total Credits | | 72 |

English as a Second Language, Gr. PK-12

| Code | Title | Credits |
|----------------------------|---|-----------|
| Supporting Courses: | | 15 |
| EDUC 206 | Culturally Responsive Teaching and Learning (Supporting Courses:) | |
| EDUC 210 | Foundations of Literacy | |
| EDUC 290 | Introduction to Educational Inquiry | |
| EDUC 291 | Educational Inquiry Field Practicum | |

Choose One of the Following:

| | |
|----------|---|
| EDUC 208 | Concepts, Issues, and Field Experience in Education |
| DJS 200 | Mentoring for Equity and Inclusion |
| FNS 211 | Mentoring First Nations Youth |

Upper Level Courses**37**

| | |
|----------|--|
| EDUC 333 | Curriculum & Assessment |
| EDUC 352 | Social and Family Influences on Development and Learning |
| EDUC 340 | Supporting Learning and Behavior in the Classroom |
| EDUC 345 | The Exceptional Child in Regular Education |
| EDUC 361 | Introduction to the Art and Science of Teaching |
| EDUC 452 | Principles of Middle Level Education |

ESL Specific Courses

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| EDUC 315 | Teaching English as a Second Language |
| EDUC 327 | Supporting Multilingual Learners in the PK-12 Classroom |
| EDUC 328 | Disciplinary Language and Literacy |
| EDUC 350 | Field Experience in Teaching Methods |
| HUM STUD 319 | Second Language Acquisition & Assessment |
| HUM STUD 321 | Sociolinguistics |

Cross Cultural Awareness (choose one):

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|-------------|---|
| SOCIO 323 | Asian American Communities in the United States |
| SOCIO 324 | Latino Communities in the United States |
| SPANISH 357 | Cultura Latina |
| SPANISH 373 | Spanish in the US |

Total Credits**52****Science Education**

| Code | Title | Credits |
|--|---|-----------|
| Lower-Level Courses | | 59 |
| BIOLOGY 201 | Principles of Biology: Cellular and Molecular Processes | |
| BIOLOGY 202 | Principles of Biology Lab: Cellular and Molecular Processes | |
| BIOLOGY 203 | Principles of Biology: Organisms and Evolution | |
| BIOLOGY 204 | Principles of Biology Lab: Organisms and Evolution | |
| CHEM 207 | Laboratory Safety | |
| CHEM 211 | Principles of Chemistry I | |
| CHEM 212 | Principles of Chemistry II | |
| CHEM 213 | Principles of Chemistry I Laboratory | |
| CHEM 214 | Principles of Chemistry II Laboratory | |
| EDUC 206 | Culturally Responsive Teaching and Learning | |
| EDUC 290 | Introduction to Educational Inquiry | |
| EDUC 291 | Educational Inquiry Field Practicum | |
| ET 101 | Fundamentals of Engineering Technology | |
| GEOSCI 202 | Physical Geology | |
| GEOSCI 203 | Earth System History | |
| GEOSCI 222 | Ocean of Air: Weather and Climate | |
| Physics (10 credits): Choose either | | |
| PHYSICS 103 & PHYSICS 104 | Fundamentals of Physics I and Fundamentals of Physics II | |
| OR | | |
| PHYSICS 201 & PHYSICS 202 | Principles of Physics I and Principles of Physics II | |
| PHYSICS 203 | Introductory Physics Lab I | |
| PHYSICS 204 | Introductory Physics Lab II | |

Engineering (choose 6 credits):

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| ET 201 | Introduction to Environmental Engineering |
| ET 203 | Introduction to Water and Waste Water |
| ET 330 | Hydrology |
| ET 415 | Solar and Alternate Energy Systems |
| ENGR 202 | An Introduction to Smart Cities |
| ENGR 260 | Introduction to Engineering Ethics |

Choose One of the Following:

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|----------|---|
| EDUC 208 | Concepts, Issues, and Field Experience in Education |
| DJS 200 | Mentoring for Equity and Inclusion |
| FNS 211 | Mentoring First Nations Youth |

Upper-Level Courses**28**

| | |
|----------|---|
| EDUC 314 | Teaching Science in Middle and Secondary Schools |
| EDUC 327 | Supporting Multilingual Learners in the PK-12 Classroom |
| EDUC 340 | Supporting Learning and Behavior in the Classroom |
| EDUC 345 | The Exceptional Child in Regular Education |
| EDUC 350 | Field Experience in Teaching Methods |
| EDUC 361 | Introduction to the Art and Science of Teaching |
| EDUC 422 | Reading in the Content Areas |
| EDUC 452 | Principles of Middle Level Education |

Select six upper level (300 or 400 level) science credits with the same prefix (BIOLOGY, CHEM, ENV SCI, GEOSCI, HUM BIOL, PHYSICS, or WATER)

Total Credits**87**

Accelerated - Integrated with graduate Applied Leadership for Teaching and Learning program

Following full admission to the education program, undergraduate students may apply to participate in an Undergraduate-Graduate Accelerated track.

Students meeting the requirements may request to enroll in coursework at the graduate level that will directly apply to their undergraduate degree and teaching license. Following graduation, students can request admission to the Master of Applied Leadership in Teaching and Learning graduate program and apply up to 9 previously earned graduate credits to this program of study. Once accepted to the graduate program, students adhere to all graduate student expectations and pay full graduate tuition rates.

Requirements for participation include:

1. Full admission to the Professional Program in Education
2. Junior standing at the completion of semester 1 in the Professional Program in Education
3. Cumulative GPA of 3.25
4. Education Faculty recommendation
5. A committee consisting of graduate faculty will review student applications for acceptance before enrollment at the graduate level may occur.

Applications must be submitted by October 1 or March 1 for participation in the following semester.

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|-------------------------------------|--|-----------|
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| EDUC 281 | Conceptual Foundations of Elementary Mathematics I | |
| EDUC 282 | Conceptual Foundations of Elementary Mathematics II | |
| EDUC 284 | Fundamentals of Algebra, Geometry and Measurement for Teaching | |
| EDUC 290 | Introduction to Educational Inquiry | |
| EDUC 291 | Educational Inquiry Field Practicum | |
| Choose One of the Following: | | 3 |
| EDUC 208 | Concepts, Issues, and Field Experience in Education | |
| FNS 211 | Mentoring First Nations Youth | |

| | | |
|----------------------------|---|-----------|
| DJS 200 | Mentoring for Equity and Inclusion | |
| Upper-Level Courses | | 48 |
| EDUC 302 | Teaching Social Studies in Elementary and Middle Schools | |
| EDUC 307 | Teaching Reading in the Elementary and Middle Schools | |
| EDUC 309 | Teaching Language Arts in the Elementary and Middle Schools | |
| EDUC 324 | Teaching Mathematics in the Elementary and Middle Schools | |
| EDUC 325 | Teaching Science in the Elementary and Middle Schools | |
| EDUC 326 | Music, Movement and Core Arts Pedagogy | |
| EDUC 327 | Supporting Multilingual Learners in the PK-12 Classroom | |
| EDUC 333 | Curriculum & Assessment | |
| EDUC 340 | Supporting Learning and Behavior in the Classroom | |
| EDUC 345/545 | The Exceptional Child in Regular Education ¹ | |
| EDUC 351 | Field Project in School Settings (Math topic for 3 credits) | |
| EDUC 351 | Field Project in School Settings (Literacy topic for 3 credits) | |
| EDUC 352/552 | Social and Family Influences on Development and Learning ¹ | |
| EDUC 361 | Introduction to the Art and Science of Teaching | |
| EDUC 444 | Current Trends in Education | |
| EDUC 452/652 | Principles of Middle Level Education ¹ | |
| Total Credits | | 72 |

¹ Students must be granted permission through the department to enroll in graduate level coursework. For more information, contact the Education office or refer to the graduate catalog (<http://catalog.uwgb.edu/archive/2024-2025/graduate/general-information/academic-rules-regulations/undergrad-in-accelerated/>).