

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	Tutoring and Mentoring First Nations Youth in K-12	
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	Foundations of Special 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	Tutoring and Mentoring First Nations Youth in K-12

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	Foundations of Special Education
EDUC 361	Introduction to the Art and Science of Teaching
EDUC 452	Principles of Middle Level Education

ESL Specific Courses

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):

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	Introduction to Weather & 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):

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:

EDUC 208	Concepts, Issues, and Field Experience in Education
DJS 200	Mentoring for Equity and Inclusion
FNS 211	Tutoring and Mentoring First Nations Youth in K-12

Upper-Level Courses**28**

EDUC 318	Cross-Curricular Methods 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	Foundations of Special 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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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	Tutoring and Mentoring First Nations Youth in K-12

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 ¹	
or EDUC 540	Curriculum, Instruction, and Independence Skills for Students with Low Incidence Disabilities	
EDUC 340	Supporting Learning and Behavior in the Classroom	
or EDUC 547	Classroom Management and Behavior Supports for the Inclusive Classroom	
EDUC 345/545	Foundations of Special 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	
or EDUC 546	Collaboration and Transition: Home, School, Community Connections	
EDUC 361	Introduction to the Art and Science of Teaching	
EDUC 444/644	Current Trends in Education ¹	
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 (<https://catalog.uwgb.edu/archive/2025-2026/graduate/general-information/academic-rules-regulations/undergrad-in-accelerated/>).