

Education

Program Director: Visiting Associate Professor Rommy Fuller

Program Overview:

The Education program leads to a Bachelor of Science Degree and has majors in Elementary Education, a Physical Education preK-12, and Mathematics students may work toward a second major in Education if they are interested in teaching at the secondary level. Mathematics students interested in pursuing a recommendation for a teaching license in the State of Vermont must complete all of the designated requirements for the Mathematics major, and they must complete a sequence of Education courses to help prepare them to become secondary mathematics teachers.

Mission:

The Education majors provide essential course content and preparation in knowledge and performance standards set forth by the State of Vermont Agency of Education in their Core Teaching Standards. The Education program is in line with the Interstate New Teacher Assessment and Support Consortium standards from which Vermont's Core Teaching Standards were adapted. Education programming also fulfills the endorsement standards outlined by the Vermont Agency of Education for each area of Education-related licensure that is offered at NU. Norwich University hopes to contribute to the important field of education by producing well-prepared, dynamic educators who will have a positive impact on their students.

Goals:

- To foster student knowledge and to promote student acquisition of the dispositions and practices of professional educators.
- To guide and develop students through the process of becoming a teacher.
- To prepare students for lifelong career development.

Outcomes:

- Students will be able to apply their knowledge of learner development, learner differences, learning environments, content knowledge, and assessment to plan for and execute instruction using a variety of different instructional strategies that meet the needs of all learners.
- Students will be able to apply content in authentic, meaningful ways that promotes critical thinking, problem solving, creativity, and engagement for their students.
- Students will analyze the field of education including major concepts of teaching and learning, theoretical constructs, and historical foundations.
- Students will reflect on their own development as a teacher in order to set a pattern of life-long, professional learning, and ethical practice.
- Students will demonstrate growth in teaching skills, strategies, and dispositions.
- Students will demonstrate their ability to provide culturally-responsive teaching that aims to eradicate discrimination and bias in the classroom.

Careers for this Major:

- Classroom teacher: public school, private school
- Preparation for overseas schools for military dependents
- International teacher of English, or other subject matter
- Test preparation companies
- School support personnel

- Public or non-profit organizations which support education
- Tutoring and learning centers
- Graduate study in specialized fields such as: English Language Learning, Special Education, Curriculum & Instruction, College Professor, School Principal / Assistant Principal, Dean of Students, Behavioral Specialist, Reading Specialist, Math Specialist

Dual Options in Elementary Education

Though most Norwich Elementary Education students fulfill the requirements to be eligible for a teaching license, some students choose to pursue a degree in Elementary Education, but not licensure. To that end, the Education program offers a choice of two different options that will allow students to choose the path that meets their needs:

Option 1: Degree with Recommendation for License

These students fulfill all of the course requirements of the endorsement area including application to, and completion of Student Teaching. In order to be eligible for Student Teaching, students must meet all Praxis requirements for their endorsement area(s), and they must meet the GPA requirements set forth by the Vermont Agency of Education. Students must declare the Licensure option prior to application to Student Teaching. A student who does not meet the State of Vermont requirements for licensure may still obtain a B.S. in Elementary Education from Norwich University providing the student meets all requirements for the major except Student Teaching, and makes up Student Teaching credits following the requirements for the Degree only option.

Option 2: Degree with No License

These students fulfill all of the course requirements of the endorsement area except application to, and completion of Student Teaching. These students are not on track to be recommended for teaching licensure, but instead graduate with a B.S. in Elementary Education. They must fulfill the credits in lieu of Student Teaching with other courses directly related to the field of education. These courses are to be determined with their advisors, and will fulfill the upper level graduation requirements. The Degree option is ideal for students that wish to teach in a non-traditional setting (private schools, museums, daycare centers, private tutoring, etc.), internationally, or those who wish to seek a teaching license or pursue an educational specialist endorsement through graduate studies. The Degree option is also ideal for transfer students that would like a B.S. in Elementary Education, but do not want to stay for additional semesters in order to work through the requirements for licensure.

Admission to Student Teaching for Licensure Seeking:

Prior to being allowed into Student Teaching, students have senior standing, have completed all required courses for the endorsement areas being sought, have fulfilled GPA requirements (see below), have been recommended by faculty in both Education, and in the major / concentration, have passed Praxis requirements (see below), and completed the Application to Student Teach by the required deadline.

Grade Point Average Requirements for Licensure Seeking:

In order to successfully complete the Licensure option at Norwich University, students are required to have a 3.0 GPA both in Education, and overall. Secondary Education students must have achieved a 3.0 in Education courses, have a 3.0 in subject major courses, have a 3.0 average overall. This GPA requirement must be attained by Licensure option students before being placed in Student Teaching and before graduation. In order to be recommended for licensure, all Licensure option candidates must earn a B or better for Student Teaching.

Praxis Requirements for Licensure Seeking:

All Education majors seeking recommendation for licensure are required to take the Praxis Core Academic Skills for Educators (Core) test and the Praxis II Content Tests before they will be admitted into Student Teaching. The Praxis Core tests “measure academic skills in reading, writing, and mathematics deemed by teacher educators to be essential for all candidates preparing to be a teacher, no matter what content area or grade-level they aspire to teach” (ETS, 2019). Praxis Core should be taken and passed before the conclusion of the sophomore year. Praxis II is an assessment of content specific material and instructional pedagogy. For Elementary Education majors, this includes mathematics, language arts, science, and social studies. Praxis II should be taken around the spring of the junior year. Both Praxis tests are to be passed, with results received by the Director of Education Teacher Licensure prior to placement in Student Teaching. Other licensure requirements, such as the licensure portfolio and fingerprints, are articulated in the Student Teaching Handbook. All students preparing to Student Teach must apply by a specified deadline set forth by the Director of

Education. The Student Teaching Application is available upon request, it will be sent via email to all Education students who have declared an Education major, and it will be discussed each fall at the Education Advising Plenary.

Core Concentration (CC) for Elementary Education Majors (Licensure):

Students studying Elementary Education who are seeking licensure must select 30 credits (nine of these credits should be at the 300-level or above) in one of the core academic areas below (may draw from General Education coursework):

- Language Arts (English, Spanish)
- The Sciences (Biology, Chemistry, Geology, Physics, Environmental Science)
- Mathematics
- Social Studies (History, Psychology, Political Science)

Elementary Education Major Licensure**Education/Elementary Teacher Licensure (B.S.) – Curriculum Map 2021-2022 Catalog**

Must maintain a 3.0 cumulative Grade Point Average in the Education major.

Course	Cr. Comp.	Course	Cr. Comp.
FRESHMAN			
Fall		Spring	
ED 104 Foundations of Education	3	ED 262 Child Growth and Development	3
EN 110 Writing and Inquiry in Public Contexts	3	EN 111 Writing and Inquiry in Academic Contexts	3
MA 160 Mathematics for Elementary School Teachers I	3	MA 161 Mathematics for Elementary School Teachers II (General Education Math)	3
General Education History (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals/)	3	Core Concentration Course	3
PY 211 Introduction to Psychology (General Education Social Science)	3	Core Concentration Course	3
Fall Semester Total Cr.:	15	Spring Semester Total Cr.:	15
SOPHOMORE			
Fall		Spring	
ED 234 Learning and Teaching Strategies	4	ED 315 Special Needs Child	3
General Education Lab Science (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals/)	4	General Education Lab Science (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals/)	4
General Education Literature (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals/)	3	General Education Arts & Humanities (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals/)	3
Core Concentration Course	3	Core Concentration Course	3
		Core Concentration Course	3
Fall Semester Total Cr.:	14	Spring Semester Total Cr.:	16
JUNIOR			
Fall		Spring	
ED 364 Language and Literacy I	4	ED 351 Methods of Teaching Science to Elementary Students	3
MA 360 Teaching Mathematics at the Elementary - Middle School Level	3	ED 367 Language and Literacy II	3
Core Concentration	3	PY 352 Learning and Memory	4
Core Concentration	3	SO 214 Racial and Cultural Minorities	3
Core Concentration	3	General Education Ethics (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals/)	3

Fall Semester Total Cr.:	16	Spring Semester Total Cr.:	16	
SENIOR				
Fall		Spring		
ED 377 Instructional Methods in the Social Studies	3	ED 425 Student Teaching (Capstone)	12	
ED 432 Curriculum and Methods of Instruction	4			
Core Concentration	3			
Core Concentration	3			
General Education Leadership (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals/)	3			
Fall Semester Total Cr.:	16	Spring Semester Total Cr.:	12	
TOTAL CREDITS FOR THIS MAJOR: 120				

Core Concentration Courses

Elementary Education requires 30 credits of “core” study aside from Education coursework for licensure. Core subjects are typically described as language arts, mathematics, science, and social studies.

The Fifth-Year Program

For those with degrees in appropriate fields, an opportunity to become a candidate for licensure is provided through a “fifth-year” program. These students are non-matriculating students. Each candidate’s course work and experience are evaluated and a program of study is recommended. Typically, for candidates without education or psychology courses, the program takes 1-1/2 – 2 years to complete. Because of course sequencing, a candidate with some of the required courses must commit to a minimum of one year. Candidates must meet the same requirements for licensure as those students enrolled in the Education Major.

Vermont Licensure Portfolio

All licensure candidates are required to complete a portfolio. Development of the portfolio begins early on as candidates collect evidence that will be used in various parts of the portfolio. Substantial progress toward completion must be demonstrated before the student is admitted to Student Teaching. The portfolio must be completed and passing before final grades are submitted for Student Teaching in order for a candidate to be recommended for licensure.

Praxis Tests

In order to be recommended for licensure, candidates must achieve a passing score on the Praxis Core Academic Skills for Educators and the PRAXIS II Content Tests. These tests are discussed in detail with Education students during their individual advising times.

All students are required to pass PRAXIS I Core Academic Skills for Educators test and the Praxis II Content tests prior to placement in ED 425 Student Teaching.

Secondary Education (Math) Major

The Department of Psychology and Education offers only Secondary Licensure in Mathematics. To review the requirements, please review the Mathematics Department within the College of Science and Mathematics, Math Major with a Concentration in Secondary Education.

The Fifth-Year Program

For those with degrees in appropriate fields, an opportunity to become a candidate for licensure is provided through a “fifth-year” program. These students are non-matriculating students. Each candidate’s course work and experience are evaluated and a program of study is recommended. Typically, for candidates without education or psychology courses, the program takes 1-1/2 – 2 years to complete. Because of course sequencing, a candidate with some of the required courses must commit to a minimum of one year. Candidates must meet the same requirements for licensure as those students enrolled in the Education Major.

Vermont Licensure Portfolio

All licensure candidates are required to complete a portfolio. Development of the portfolio begins early on as candidates collect evidence that will be used in various parts of the portfolio. Substantial progress toward completion must be demonstrated before the student is admitted to Student Teaching. The portfolio must be completed and passing before final grades are submitted for Student Teaching in order for a candidate to be recommended for licensure.

Praxis Tests

In order to be recommended for licensure, candidates must achieve a passing score on the Praxis Core Academic Skills for Educators and the PRAXIS II Content Tests. These tests are discussed in detail with Education students during their individual advising times.

All students are required to pass PRAXIS I Core Academic Skills for Educators test and the Praxis II Content tests prior to placement in ED 425 Student Teaching.

Education Non-licensure

Education Non-Licensure (B.S.) – Curriculum Map 2021-2022 Catalog

Freshman			
Fall	Cr.	Spring	Cr.
ED 104 Foundations of Education	3	ED 262 Child Growth and Development	3
EN 110 Writing and Inquiry in Public Contexts	3	EN 111 Writing and Inquiry in Academic Contexts	3
MA 160 Mathematics for Elementary School Teachers I	3	MA 161 Mathematics for Elementary School Teachers II (General Education Math)	3
PY 211 Introduction to Psychology (General Education Social Science)	3	Free Elective	3
General Education History (http://catalog.norwich.edu/residentialprograms/catalog/generaleducationgoals/)	3	Free Elective	3
Semester Total Credits	15	Semester Total Credits	15
Sophomore			
Fall	Cr.	Spring	Cr.
ED 234 Learning and Teaching Strategies	4	ED 315 Special Needs Child	3
General Education Lab Science	4	General Education Lab Science	4
General Education Literature (http://catalog.norwich.edu/residentialprograms/catalog/generaleducationgoals/)	3	General Education Arts/Humanities (http://catalog.norwich.edu/residentialprograms/catalog/generaleducationgoals/)	3
Free Elective ¹	4	Free Elective ¹	3
		Free Elective	3
Semester Total Credits	15	Semester Total Credits	16
Junior			
Fall	Cr.	Spring	Cr.
ED 364 Language and Literacy I ¹	4	ED 351 Methods of Teaching Science to Elementary Students	3
MA 360 Teaching Mathematics at the Elementary - Middle School Level	3	ED 367 Language and Literacy II ¹	3
General Education Ethics (http://catalog.norwich.edu/residentialprograms/catalog/generaleducationgoals/)	3	PY 352 Learning and Memory	4
Free Elective	3	SO 214 Racial and Cultural Minorities	3
Free Elective	3	Free Elective	3
Semester Total Credits	16	Semester Total Credits	16
Senior			
Fall	Cr.	Spring	Cr.
ED 377 Instructional Methods in the Social Studies	3	ED 480 Education Internship (Or Education Electives)	12
ED 432 Curriculum and Methods of Instruction	4		
General Education Leadership (http://catalog.norwich.edu/residentialprograms/catalog/generaleducationgoals/) ²	3		
Free Elective	3		
Free Elective	3		
Semester Total Credits	16	Semester Total Credits	12
Total Credits For This Major: 121			

¹ These courses can be taken in the Sophomore or Junior year. When the required course is taken the opposite year take a Free Elective.

² When Leadership taken as a 1 hour course, additional free elective hours may be necessary.

Minors

Elementary Education Minor 2021-2022 Catalog

Education major with Elementary concentration is ineligible to declare minor.

ED 234	Learning and Teaching Strategies	4
PY 220	Developmental Psychology	3
ED 315	Special Needs Child	3
And three of the following four courses:		9-11
ED 432	Curriculum and Methods of Instruction	4

ED 351	Methods of Teaching Science to Elementary Students	3
MA 360	Teaching Mathematics at the Elementary - Middle School Level (Prerequisites include MA 160 and MA 161)	3

Total Cr. 19-21

Secondary Education Minor 2021-2022 Catalog

Education major with Secondary Math concentration is ineligible to declare minor.

ED 234	Learning and Teaching Strategies	4
PY 220	Developmental Psychology	3
ED 315	Special Needs Child	3
ED 363	Reading and Writing in the Content Area	4
ED 368	Curriculum & Methods in Secondary Subjects	4
PY 324	Adolescent Psychology	3
Total Cr.		21