EDUCATION

DISCLAIMER: REGULATIONS FOR TEACHER LICENSURE ARE CURRENTLY UNDER REVIEW BY THE MASSACHUSETTS DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION. AS A RESULT, THE PROGRAMS DESCRIBED BELOW MAY BE SUBJECT TO CHANGE AT ANY TIME.

Department of Education

The Education Department offers a wide range of undergraduate and graduate programs in teacher education. Students can become licensed to teach in Early Childhood (PK-2), Elementary (1-6), Middle (5-8), Middle and Secondary (5-12), or Secondary (8-12) schools or credentialed to teach in preschool and day care programs. The department programs offer a blending of classroom and fieldwork approaches. Kappa Delta Pi, the International Honor Society in Education, is available to outstanding upper-division students.

Graduate programs provide opportunities for students to prepare for careers in Reading, Educational Administration, Moderate Disabilities, and School Psychology as well as in Early Childhood, Elementary, Middle, Middle and Secondary, or Secondary Education.

To teach in the Commonwealth of Massachusetts a teaching license is required. The Worcester State University Teacher Education program is recognized by the Massachusetts Department of Elementary and Secondary Education as having an approved program in the fields of Early Childhood Education, Elementary Education, Middle School Education, and Secondary School Education. Students in the Elementary and Early Childhood Education programs complete two majors, one in a liberal arts and science area and one in education. The Middle and Secondary school programs have a major in a content area and a minor in education. The Massachusetts Test for Educator Licensure (MTEL) is embedded in the program at various stages and must be passed to obtain the initial license.

The Initial Licensure Teacher Education Program at Worcester State University is nationally accredited under TEAC; now known as the Council for the Accreditation of Educator Preparation (CAEP) for a period of seven years, from May 2014 - May 2021. The accreditation does not include individual education courses that the Education Preparation Program offers to P-12 educators for professional development, re-licensure, or other purposes.

- 4+ Initial License and M.Ed in Middle School Education
- 4+ Initial License and M.Ed in Secondary School Education
- Early Childhood Education Major
- Early Education and Care Program
- Education Studies Minor
- Elementary Education Major
- Middle School Education
- Secondary School Education

Associate Dean of Education

Raynold M. Lewis, Professor (1998), Associate Dean for Education
BTh., West Indies College; M.Ed., Worcester State College; Ph.D., Illinois State University

Faculty

Kristine A. Camacho, Assistant Professor (2020), B.S. Westfield State University; M.A., C.A.G.S., Worcester State University; Ph.D., University of Massachusetts

Caroline M. Chiccarelli, Associate Professor (2001), A.B. Newton College of the Sacred Heart; M.A. Fairleigh Dickinson University; Ph.D. University of Connecticut

Diane Cooke, Professor (2002), B.S. Louisiana State University; M.A., Ph.D. University of Colorado Boulder

Douglas R. Dawson, Associate Professor (2009), B.A. Princeton University; Ph.D. University of California Irvine

Carol B. Donnelly, Professor (1997), A.B. Wellesley College; M.A. University of Miami; M.Ed. Harvard University; Ed.D. Boston University

Denise Foley, Professor (2010), B.A. College of the Holy Cross; M.Ed. Bridgewater State College; C.A.G.S. Fitchburg State College; Ed.D. Indiana University of Pennsylvania

Sue F. Foo, Professor (2004), M.Ed., Ed.D. University of Cincinnati

Pamela Hollander, Associate Professor (2012), B.A. State University of New York Binghamton; M.Ed. Rutgers University; Ed.D University of Massachusetts Amherst

Christina L. Kaniu, Department Chair, Associate Professor (2010), B.A. Stonehill College; M.Ed. Worcester State College; Ed.D. Northeastern University

Raynold M. Lewis, Associate Dean of Education, Professor (1998), BTh. West Indies College; M.Ed. Worcester State College; Ph.D. Illinois State University

Susan R. Monaghan, Assistant Professor (2016), B.S. University of Massachusetts Amherst; A.M. Stanford University; Ph.D. Marquette University

Margarita Perez, Professor (1999), B.A. Mount Holyoke College; M.A., Ed.D. Teachers College Columbia University

Sara L. Young, Professor (2010), B.A. School for International Training; M.S.T. New School for Social Research; Ed.D. University of Massachusetts Amherst

Courses

ED-101 MTEL Preparation for the Communication And Literacy Skills Subtest
Credits do not count towards graduation. MTEL preparation for the Communication and Literacy Skills Subtest. Fall only and every year. 1 Credit

ED-102 MTEL Preparation for the General Curriculum Multi-Subject Or Early Childhood Subtests
Credits do not count towards graduation. MTEL preparation for the General Curriculum Multi-subject or Early Childhood Subtests. 1 Credit

ED-103 Mtel Preparation for the Foundations Of Reading Sub-Test
Credits do not count towards graduation. MTEL Preparation for the Foundations of Reading Sub-test. 1 Credit
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>LASC Categories</th>
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</thead>
<tbody>
<tr>
<td>ED-104</td>
<td>MTEL Preparation for the Mathematics Portion of the General Curriculum Subtest</td>
<td>Credits do not count towards graduation. MTEL Preparation for the Mathematics Portion of the General Curriculum Subtest.</td>
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<tr>
<td>ED-120</td>
<td>The Educational Experience Through Memoirs</td>
<td>Explores educational issues through reading memoirs on teaching and being a student focused on diversity. Provides advanced reading strategies.</td>
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<tr>
<td>ED-149</td>
<td>Introduction to the Teaching Profession Middle/Secondary School</td>
<td>This course will provide a basic understanding to the teaching aspects in middle and secondary classrooms. It will explore the Massachusetts Department of Educational Professional Standards for Teachers and give students a general orientation to the profession. Principals of the teaching/learning process and related skills will be addressed, in addition to observable behaviors in the classroom setting(s). Students will be required to do 5 fieldwork observation hours in an accredited middle/secondary school.</td>
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<tr>
<td>ED-155</td>
<td>Teaching and Learning in Elementary School</td>
<td>Overview of the teaching profession, examination of a variety of learning environments, organizing and managing schools, integrating curricula, observational techniques. 5 hours of fieldwork.</td>
<td>3</td>
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<td>ICW</td>
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<tr>
<td>ED-160</td>
<td>Early Childhood Education Today</td>
<td>Exploration of early childhood education emphasizing developmentally appropriate creativities, motor skills. Discussion: families, community resources, play, integration of special needs. 5 hours of fieldwork.</td>
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<td>HBS</td>
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<tr>
<td>ED-191</td>
<td>Explorations in Education</td>
<td>An introductory education course on a current or specialized topic. Every 2-3 years.</td>
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<td>ED-193</td>
<td>First Year Seminar Education</td>
<td>Introductory level course covering topics of special interest to first year students. Offered only as a First Year Seminar.</td>
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<td>FYS</td>
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<tr>
<td>ED-206</td>
<td>Development and Learning of Typical and Atypical Children Birth to Age 8</td>
<td>Analysis of children’s learning, focusing on special education, typical and atypical conditions for learning- birth through age eight. 10 hours of fieldwork.</td>
<td>3</td>
<td>ED-160</td>
<td>DAC, ICW</td>
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<tr>
<td>ED-211</td>
<td>Integrating Science, Social Studies and the Fine Arts in Early Childhood Curriculum</td>
<td>Designing and evaluating multi-disciplinary curricula for all children; materials, organizing environments, regulations, learning theories, evaluation of children’s learning and development. 10 hours of fieldwork.</td>
<td>3</td>
<td>ED-160, ED-206 and PS-210</td>
<td>WAC</td>
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<tr>
<td>ED-214</td>
<td>Emergent Literacy</td>
<td>Early literacy skills, content and approaches include construction of meaning with written and spoken language, written language forms and functions, letter-sound relationship, phonemic awareness, vocabulary development and assessment. Methods of teaching second language are included. 10 hours of fieldwork.</td>
<td>3</td>
<td>ED-102 and ED-160 and ED-206 and ED-211</td>
<td>WAC</td>
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<tr>
<td>ED-250</td>
<td>Educational Psychology</td>
<td>Learning and developmental processes of typical and atypical learners. Motivation, relationships of intelligence, affect, and achievement. Application to teaching and learning. 10 hours of fieldwork.</td>
<td>3</td>
<td>PS-210 and ED-149 and ED-207</td>
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<td>ED-251</td>
<td>Principles of Curriculum, Instruction And Assessment in Middle and High School</td>
<td>Designing and evaluating multi-disciplinary curricula for all children; materials, organizing environments, regulations, learning theories, evaluation of children’s learning and development. 10 hours of fieldwork.</td>
<td>3</td>
<td>ED-149 and ED-207 and PS-210</td>
<td>WAC</td>
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<tr>
<td>ED-256</td>
<td>Introduction to the Foundations of Reading</td>
<td>This course provides an opportunity for prospective elementary and early childhood level teachers to acquire a strong foundation in current knowledge, perspective and procedures for teaching literacy in grades PK through 6.</td>
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<td>ED-270</td>
<td>Diversity &amp; Multicultural Ed</td>
<td>Introduces lesson planning, literacy demands, curriculum development and assessment strategies at the middle and high school level. 10 hours of fieldwork.</td>
<td>3</td>
<td>ED-149 and ED-207 and PS-210</td>
<td>DAC</td>
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<tr>
<td>ED-271</td>
<td>International and Comparative Education</td>
<td>This course compares the educational policies, practices and outcomes in two or more countries.</td>
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<td>DAC</td>
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<tr>
<td>ED-275</td>
<td>Curr/Instr in Elementary Ed</td>
<td>Analysis of interactions in effective elementary schools through participation in and exploration of curriculum, teaching and learning roles. 10 hours of fieldwork.</td>
<td>3</td>
<td>PS-210, ED-155 and ED-250</td>
<td>WAC</td>
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</tbody>
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ED-285 Understanding and Supporting Children And Youth With Disabilities
LASC Categories: ICW
Introduction to the characteristics of diverse children and youth with disabilities and multidisciplinary supports designed to meet their special needs for success in school.
Fall and Spring and every year. 3 Credits

ED-304 Best Practices for English Language Learners
LASC Categories: TLC, DAC
Prerequisites: ED-270 and either ED-275 or ED-214
Research-based grade level subject matter, instructional strategies, and performance assessments of English Language Learners are the focus of discussions and class projects.
Every year. 3 Credits

ED-306 Elementary Reading, Language Arts and Literature
Stresses interrelationships of oral/written communication; investigates concepts, skills and procedures for teaching literacy and using children's literature in grades 1-6. 20 hours of fieldwork.
Every year. 6 Credits

ED-307 ECE - Science
Thematically taught developmentally-appropriate activities linked to State Science Frameworks (Life, Physical, Earth/Space). Emphasizing hands-on inquiry and relevance to learners' experiences, and addressing diversity, authentic assessment, and use of technology. 10 hours of fieldwork. Prerequisite: Admitted to Stage 2
Fall and Spring and every year. 3 Credits

ED-308 ECE - Mathematics
Application of Piaget's ideas to early mathematical education. Other well-known psychologists' views concerning early mathematics instruction, with application. Field experience. 10 hours of fieldwork. Prerequisite: Admitted to Stage 2
Fall and Spring and every year. 3 Credits

ED-313 Practicum in Early Childhood Education: Preschool/Kindergarten
Prerequisites: ED-160 ED-206 ED-211 PS-210 Take ED-400 concurrently.
Corequisites: ED-400
150 hour practicum in an NAEYC accredited preschool/kindergarten/ licensed day care center. Students apply content, methods, and materials from college courses.
Fall and Spring and every year. 3 Credits

ED-319 Advanced Field Experience in Early Childhood Education
LASC Categories: CAP
Prerequisites: ED-313 and ED 400.
Students who have already completed a preschool practicum complete an additional 100-150 hour field experience in Early Childhood Education. Portfolio required.
Fall and Spring and every year. 3 Credits

ED-320 Elementary Science
Thematically taught grade-appropriate activities linked to State Science Frameworks (Life, Physical, Earth/Space). Emphasizing hands-on inquiry and relevance to learners' experiences, and addressing diversity, authentic assessment, and use of technology. 10 hours of fieldwork. Prerequisite: Admitted into Stage 2
Fall and Spring and every year. 3 Credits

ED-325 Elementary Mathematics
LASC Categories: QAC
Prerequisites: MA-130 and MA-131 or MA-132
Mathematics in elementary school. Emphasizes curriculum theory, material development, and evaluation of materials/techniques. 10 hours of fieldwork. Prerequisite: Admitted into Stage 2
Fall and Spring and every year. 3 Credits

ED-330 Elementary Social Studies and Multiculturalism
Goals, curriculum, skills, issues, teaching strategies in educating diverse populations in a global context. 10 hours of fieldwork. Prerequisite: Admitted into Stage 2
Fall and Spring and every year. 3 Credits

ED-339 Children's Literature: Multicultural Literature for PK-9
LASC Categories: HBS, TLC, DAC
Facets of literature for children and criteria for the selection of each, techniques and preparation and use.
Fall and Spring and every year. 3 Credits

ED-340 Language Arts & Literacy for the Primary Grades
Early literacy/language arts content, curriculum materials, and approaches including phonological awareness, phonics, vocabulary, fluency, comprehension, writing and assessment. 10 hours of fieldwork. Admitted into Stage 2.
Fall and Spring and every year. 3 Credits

ED-351 Exceptionalities and Accommodating Diverse Learners in Secondary Schools
Exploration of learning disabilities and other exceptionalities. Addresses strategies to differentiate secondary school curriculum to meet student needs. 10 hours fieldwork.
Fall and Spring and every year. 3 Credits

ED-352 Exceptionalities and Accommodating Diverse Learners in Middle Schools
Exploration of learning disabilities and other exceptionalities. Addresses strategies to differentiate middle school curriculum to meet student needs. 10 hours fieldwork.
Fall and Spring and every year. 3 Credits

ED-353 Assessment, Adjustment to Practice, and Classroom Management in the Secondary School
LASC Categories: WAC
Explores classroom management and development and analysis of assessment strategies and data to inform secondary school teaching. 15 hours fieldwork.
Fall and Spring and every year. 3 Credits

ED-354 Assessment, Adjustment to Practice, and Classroom Management in the Middle School
LASC Categories: WAC
Explores classroom management and development and analysis of assessment strategies and data to inform secondary school teaching. 15 hours fieldwork.
Fall and Spring and every year. 3 Credits

ED-370 Methods and Materials in Science, Technology, Engineering, and Mathematics (STEM) At the Middle and Secondary Level
Corequisites: ED-382 or ED-383
Teaching methods and advanced curriculum course for STEM fields including math, health, and the sciences. Taken concurrently with pre-practicum.
Fall and Spring and every year. 3 Credits
ED-371 Methods and Materials in Humanities and Social Sciences At the Middle and Secondary Level.
Corequisites: ED-382 or ED-383
Teaching methods and advanced curriculum course for humanities fields, including English, World Language, and History/Political Science. Taken concurrently with prepracticum.
Fall and Spring and every year. 3 Credits

ED-375 Prepracticum: Instruction, Classroom Management, and Family and Community Engagement in the Elementary School
Prepracticum experience in the elementary classroom, addressing accommodations of ELL’s and children with disabilities, classroom management, and family/community engagement.
Every year. 3 Credits

ED-382 Prepracticum Experience in Middle School
Prepracticum experience in the subject areas and at the level of the license which the candidate is pursuing. Taken concurrently with ED-370 or ED-371. 45 hours fieldwork.
1 Credit

ED-383 Prepracticum Experience in Secondary School
Prepracticum experience in the subject areas and at the level of the license which the candidate is pursuing. Taken concurrently with ED-370 or ED-371. 45 hours fieldwork.
1 Credit

ED-386 Assessment and Adjustment in Practice In Early Childhood Education
Development of skills to assess young children and identify special needs. Analyzing assessment data and adjusting practice to improve learning. 10 hours of fieldwork. Pre-requisite: Admitted to Stage 2.
Fall and Spring and every year. 3 Credits

ED-400 Inclusive Early Childhood Education: Preschool Through Grade 2
Special education law and procedures, modification of programs for English language learners, working with parents, and developing and implementing an anti-bias curriculum. Pre-requisite: Admitted to Stage II.
Fall and Spring and every year. 3 Credits

ED-405 Classroom Management and Child Guidance Techniques
LASC Categories: CAP
Prerequisites or Corequisite: ED-430
Guided analysis/application of principles for students completing a practicum in primary classrooms. Classroom management and guidance techniques.
Fall and Spring and every year. 3 Credits

ED-408 Directed Study: Education
Directed study offers students, who because of unusual circumstances may be unable to register for a course when offered, the opportunity to complete an existing course with an established syllabus under the direction and with agreement from a faculty member.
3 Credits

ED-410 Spec Topics: Education
Prerequisites: ED-155
A seminar course on current issues or topics in education.
Fall and Spring and every year. 3 Credits

ED-424 Sem: Teaching Practicum
LASC Categories: CAP
Prerequisites or Corequisite: ED-480 or ED-485
Implications of the attempts to juxtapose theory and practice are analyzed from the viewpoint of becoming professional teachers. Taken concurrently with ED-480 and ED-485.
Fall and Spring and every year. 3 Credits