

Educational Professions

Professors: Ornstein, Rotruck (Chair), Stephenson

Associate Professors: Boayue, Nichols, Milleson, Rankin, Scarloss, Welsch

Assistant Professors: Bishoff, Hurst, Mattern, McGee

Lecturer: O'Neal

- You may elect to major in one of four areas: Early Childhood/Elementary, Elementary Education, Elementary/Middle Education or Secondary/P12.
- All elementary majors are required to have a concentration.
- Professional education sequences for secondary and P-12 programs are provided in cooperation with other departments (see separate sections of this catalog).
- You cannot minor in education.
- An internship is required.
- You must complete application for each phase of the program. The requirements for entry in phases are described in this section.
- Further information is available in the Education Unit Advisement Center in Framptom Hall 223.

Teacher Education Programs

The Educational Professions Department offers an Early Childhood/Elementary major leading to eligibility for certification in PreK through grade 6, an Elementary Education major for certification in grades 1-6, and Elementary Education/Middle School certification in grades 1-9.

The Educational Professions Department also offers approved teacher education programs leading to eligibility for certification in Secondary Education (English, world languages, mathematics, social studies), for grades 7-12 as well as middle school depending on subject area, and P-12 Education (art, music, health and physical education) for grades pre-kindergarten-12.

Requirements for these majors and programs are listed in the catalog under Early Childhood/Elementary Education, Elementary Education, Elementary/Middle School Dual Certification, P-12 Programs, Secondary

Teacher Education, and departments offering the areas of content specialization.

The teacher education programs are committed to preparing professionals who are able to provide quality instruction, service, and leadership in a global community. The conceptual framework upon which each program rests focuses on the knowledge, skills and dispositions needed to develop powerful learning communities. The university, the public schools, parents and other community members link together using their hands, heads and hearts to prepare the finest pre-service teacher candidates.

Eligibility for Teacher Certification in Maryland

For eligibility for certification in the Early Childhood/Elementary program, Elementary program or Elementary/Middle, candidates must complete the approved program requirements as listed, university graduation requirements and Praxis testing requirements. Passing Praxis II, demonstrating the knowledge and skills of a specialized content area at the Maryland State Department of Education prescribed score, is required to gain teacher certification. Therefore, candidates must take Praxis II to become program completers and to graduate in an approved teacher education program. Completion of P-12 teacher education programs and the secondary professional sequence also requires taking Praxis II.

Candidates may apply for a certificate of eligibility directly to the Maryland State Department of Education or the personnel office of a county offering employment.

Eligibility for Teacher Certification in Other States

If candidates wish to gain a teaching license in a state other than Maryland, candidates need to check the certification requirements in the state(s) for the program in which they wish to teach, including the passing standard for Praxis in that state. Having a Maryland certificate of eligibility may prove helpful in the out-of-state certification effort.

Approved Program

Since NCATE (National Council for Accreditation of Teacher Education) and the Maryland State Department of Education have approved FSU's teacher education programs, the Department of Educational Professions authorizes the Registrar's Office to affix an approved

program stamp on your official transcript upon satisfactory completion of all requirements.

Special Admission Criteria

In addition to the requirements set forth in the summaries of requirements for majors in Early Childhood/Elementary, Elementary, Elementary/Middle, Secondary Programs and P-12 Programs (found in separate sections of this catalog), applicants must meet the following phase admission requirements in order to be accepted into and complete an education program. Application deadlines for Phase I, Phase II and Phase III for all candidates, including transfers, are established in October for spring semester and in May for fall semester by the Office of Unit Assessment.

Accreditation

Teacher Education Programs are accredited by the State of Maryland under the Redesign for Teacher Education and by the National Council for Accreditation of Teacher Education. Further, the education programs are recognized by 14 professional content area associations which offer national recognition for being compliant with national standards. The University will continue to update education programs and discipline requirements in the major or specialization to meet national and state standards and directives, making substitutions when required. Check with the Department of Educational Professions for current information.

Phase I Admission Requirements

(Program Entrance)

1. Completion of at least 45 credit hours.
2. Cumulative GPA of at least 2.5 (including all grades from transfer institutions).
3. Passing scores on PRAXIS CORE as established by the state of Maryland or SAT composite score of 1100 on math and critical reading or math and verbal; or ACT composite score of 24.
4. Grade of C or better (or P) in all required Professional Education Sequence courses, including transfer equivalents, designated by program.
5. Grade of C or above in ENGL 101/111 or equivalent and Math Core Skills course.
6. Positive recommendation of advisor.
7. Twenty (20) documented hours of working with diverse populations.*
8. Declaration of a major.
9. Negative result on current TB test.
10. Completion of Consent and Release form.**
11. Fingerprinting as a background check is required. For more information, contact the Office of Clinical and Field Experiences in Framptom 215.
12. Acceptable rating on professional dispositions evaluation.

Additional Phase I Requirements for Early Childhood/Elementary, Elementary and Elementary/Middle (P-9) Education Majors

1. Grade of C or above in MATH 206.
2. Declaration of specialization or concentration.

Phase II Admission Requirements

1. Completion of at least 60 credit hours (Junior standing).
2. Cumulative FSU GPA of at least 2.5.
3. Cumulative GPA of at least 2.5 in the Professional Education Sequence, designated by program.
4. Grade of C or better (or P) in all required Professional Education Sequence courses, including transfer equivalents, designated by program.
5. Grade of C or better in ENGL 308 or equivalent.
6. Positive recommendation of advisor.
7. Seventy-five percent or 18 credits of specialization or concentration completed (P-9 majors only).
8. Grade of C or better in MATH 207 or transfer equivalent (P-9 majors only).
9. Acceptable rating on professional dispositions evaluation.

Admission Requirements for Professional Development Schools/Internship

1. Successful completion of field work courses.
2. Cumulative FSU GPA of at least 2.5.
3. GPA of at least 2.5 in Block I courses (P-9 only)
4. Grade of C or better (or P) in all required Professional Education Sequence courses, including transfer equivalents, designated by program.
5. Successful completion of an entrance interview/conference.
6. Acceptable rating on professional dispositions evaluation.

Phase III Admission Requirements

1. Completion of at least 90 credit hours (senior standing).
2. Cumulative FSU GPA of at least 2.60.
3. Cumulative GPA of at least 2.75 in the Professional Education Sequence, designated by program.
4. GPA of at least 2.75 in content major or area of specialization/concentration.
5. Grade of C or better (or P) in all required Professional Education Sequence courses, including transfer equivalents, designated by program.
6. Successful completion of Phase II field work.
7. Negative result on current TB test.
8. Recommendation of advisor and approval of program coordinator.
9. Verification of completion or registration for PRAXIS II content knowledge and pedagogy tests required by the Maryland State Department of Education.
10. Acceptable rating on professional dispositions evaluation.

Additional Phase III Admission Requirements

1. Grade of C or better in MUSC 350 and PHEC 309 (P-9 majors only).
2. Passing score on Early Childhood Comprehensive Exam (EC/Elem only).

Program Exit Requirements

1. Successful presentation of a portfolio that meets institutional standards.
2. Successful completion of Phase III field work and seminar.

SPECIAL NOTE:

If you complete EDUC 325, Educational Technology, with a grade of C or better, you will fulfill the University's technology fluency requirement.

Early Childhood/ Elementary Education

MAJOR

Professors: Rotruck, Stephenson

Associate Professors: Boayue, Eirich, McGee, Milleson, Rankin, Scarloss, Welsch

Assistant Professors: Mattern, O'Neal

Lecturer: Park

- The requirements in numbers 1-3 list specific hours required in other departments. These requirements include but go beyond the University GEP. A list of recommended GEP courses is available in the Department of Educational Professions.
- You must complete the 24-hour early childhood specialization.
- If you complete EDUC 325, Educational Technology, with a grade of C or better, you will fulfill the University's technology fluency requirement.
- You must complete application for each phase of the program.

- The requirements for entry into phases are listed in the Educational Professions section of this catalog.
- The Early Childhood/Elementary Education major (early childhood specialization) can be completed on the Frostburg campus and, in cooperation with area community colleges, at the University System of Maryland at Hagerstown.
- A grade of C or better (or P) is required in all specialization or concentration courses taught within the Educational Professions department or transfer equivalent.

Program Requirements

	MAJOR
Hours Required in Education:	71
Hours Required in Other Departments:	57-61
Total Hours Required:	128-132

Requirements for Major in Early Childhood/ Elementary Education

A dual certification program

Major

1. Completion of GEP: (41 hours)

- a. Core Skills (9) including MATH 109/110 (3) or MATH 119 (3)
- b. Modes of Inquiry (29-32) including two 4-credit natural science courses

2. Additional Required Courses for Early Childhood/ Elementary Majors:

- a. MATH 206 Problem solving for Elementary Teachers I (3)
- b. MATH 207 Problem solving for Elementary Teachers II (3)
- c. 4 credit laboratory science elective (4)
- d. MUSC 350 Music and Creative Interaction for the Elementary Classroom (3)
or EDUC 333 Integrated Arts in the Elementary Classroom (3)
- e. PHEC 309 Health and Physical Education for the Elementary Classroom (3)

3. Specialization (24 hours; 2 courses satisfy GEP)

- a. ART 110 Visual Imagery (3 hours satisfy GEP Group A)
- b. ECED 150 Early Childhood Foundations (3 hours taken Pre-Phase or concurrent with Phase I)

- c. ECED 293 Early Childhood Learning Environment, Materials and Methods (3 hours taken Pre-Phase or concurrent with Phase I)
- d. ECED 431 Early Childhood Education Curriculum Development, Implementation and Assessment (3 hours taken during Phase II, Block II)
- e. ECED 443 Adults in the Child's World (3 hours taken during Phase II, Block I)
- f. EDUC 390 Field Experience in Early Childhood Education (3 hours taken during Phase I)
- g. PSYC 150/151 General Psychology (3 hours satisfy GEP Group D)
- h. PSYC 210 Child Development or PSYC 208 Introduction to Lifespan Development (3)

4. Professional Education Sequence (56 hours)

See admission requirements for each phase.

PRE-PHASE

- EDUC 100 Introduction to Teacher Education (1)
- EDUC 201 Students, Teachers and Learning Environments (3 hours taken Pre-Phase or concurrent with Phase I)
- EDUC 202 Foundations of Learning and Instruction (3 hours taken Pre-Phase or concurrent with Phase I)
- EDUC 325 Educational Technology (3 hours taken Pre-Phase or concurrent with Phase I)

PHASE I: Apprenticeship (7 hours)

- EDUC 200 Phase I Teaching and Professional Assessment Laboratory (1)
- EDUC 376 Special and Multicultural Education (3)
- REED 323 Process and Acquisition of Reading (3)

Course required concurrent with Phase I for Early Childhood/Elementary Candidates enrolled at University System of Maryland – Hagerstown:

- EDUC 335 Teaching Frameworks (2) (which replaces EDUC 100 and EDUC 200)

PHASE II: Assistantship (14 hours)

- ELED 307 Teaching Assistantship (1)
- ELED 401 Assistantship Seminar (1)
- ELED 471 Mathematics Curriculum, Methods and Assessment (3)
- ELED 474 Science Curriculum, Methods and Assessment (3)
- ELED 475 Social Studies Curriculum, Methods and Assessment (3)
- REED 473 Reading Instruction (3)

PHASE II: Internship I (13 hours)

- ELED 494 Teaching Internship I: P-9 (6)
- EDUC 402 Internship I Seminar (1)
- REED 420 Assessment for Reading Instruction (3)
- REED 425 Materials and Motivations for Reading (3)

PHASE III: Internship II (12 hours)

- EDUC 422 Leadership Seminar P-9 (3)
- ELED 495 Teaching Internship II: P-9 (9) (Capstone)

5. Other Internship Requirements

- a. Students must complete any school district requirements (application, fingerprinting, background check, drug testing, etc.) to qualify for an internship placement.

6. Other Graduation/Program Exit Requirements

- a. Submission of a Teacher Performance Assessment that meets institutional standards
- b. Successful completion of an exit interview that meets institutional standards.
- c. Completion of the PRAXIS II content knowledge and pedagogy tests required by the Maryland State Department of Education.
- d. Successful completion of required field experiences in early childhood (PreK-K), primary (1-3) and intermediate (4-5) grades.

Elementary Education

MAJOR CONCENTRATIONS IN

- INTEGRATED ARTS
- LANGUAGE AND LITERACY
- SOCIAL SCIENCE AND CIVICS
- STEM

Professors: Rotruck, Stephenson

Associate Professors: Boayue, Eirich, McGee, Milleson, Rankin, Scarloss, Welsch

Assistant Professors: Mattern, O’Neal

Lecturer: Park

- The requirements in numbers 1-3 list specific hours required in other departments. These requirements include but go beyond the University GEP. A list of recommended GEP courses is available in the Department of Educational Professions.
- If you complete EDUC 325, Educational Technology, with a grade of C or better, you will fulfill the University’s technology fluency requirement.
- You must complete a 24 credit concentration in the listed area or an approved Individualized Specialization.
- A grade of C or better (or P) is required in all specialization or concentration courses taught within the Educational Professions department or transfer equivalent.
- You must complete application for each phase of the program.
- The requirements for each phase of the program are listed in the Educational Professions section of this catalog.

Program Requirements

Concentrations:	INTEG. ARTS	LANG. & LIT.	SOC.SCI. & CIV.	STEM
Hours Required in Education:	59	65	56	60

Hours Required in Other Departments:	69-72	63-66	69-72	63-66
Total Hours Required:	128-131	128-131	125-128	123-126

Requirements for Major in Elementary Education

1. Completion of GEP (38 - 41 hours)

- Core Skills (9) including MATH 109/110 (3) or MATH 119 (3)
- Modes of Inquiry (29-32) including two 4-credit natural science courses.

2. Additional Required Courses for Elementary Majors

(16 hours)

- MATH 206 Problem solving for Elementary Teachers I (3)
- MATH 207 Problem solving for Elementary Teachers II (3)
- 4 credit laboratory science elective (4)
- MUSC 350 Music and Creative Interaction for the Elementary Classroom (3)
or EDUC 333 Integrated Arts in the Elementary Classroom (3)
- PHEC 309 Health and Physical Education for the Elementary Classroom (3)

3. Concentrations

(24 hours, at least 2 courses count for GEP or Additional Required Courses)

Requirements for Integrated Arts Concentration

(24 hours)

a. Required courses (17 hours)

- ART 110 Visual Imagery (GEP Group A)
- ART 104 Two-Dimensional Design
or ART 105 Three-Dimensional Design
- MUSC 100 Introduction to Music Theory
or MUSC 101 Music Fundamentals
- DANC 110 Dance Appreciation (GEP Group A)
or THEA 110 Introduction to Acting
- MUSC 350 Music and Creative Interaction for the Elementary Classroom Teacher
- EDUC 333 Integrated Arts in the Elementary Classroom

b. Electives (7 hours) May use a course only once

GROUP I Music

MUSA	111	Class Guitar I
MUSC	319	University Chorale
MUSC	329	Marching Band
MUSC	330	Wind Ensemble
MUSC	331	Brass Ensemble
MUSC	335	String Ensemble
MUSC	336	Guitar Ensemble
MUSC	337	Woodwind Ensemble
MUSC	339	Percussion Ensemble

GROUP II Visual Arts

ART	104	Two Dimensional Design
ART	105	Three Dimensional Design
ART	207	Graphic Design
ART	212	Drawing
ART	216	Illustration
ART	221	Painting
ART	232	Printmaking
ART	235	Photography
ART	240	Sculpture
ART	336	Digital Imaging for the Fine Arts

GROUP III Dance

DANC	131	Ballet I
DANC	154	Jazz I
DANC	165	Tap I
DANC	305	Improvisation
DANC	429	Special Topics in Dance

GROUP IV Drama

THEA	104	Theatre
THEA	107	Introduction to Theatrical Vision (<i>GEP Group A</i>)
THEA	204	Stagecraft
THEA	210	Voice and Movement
THEA	315	Creative Dramatics

GROUP V Mass Communication

MCOM	100	Radio Workshop
MCOM	101	Television Workshop
MCOM	213	Audio Production
MCOM	250	Announcing and Performing

Requirements for Language and Literacy Concentration (24 hours)**a. Required courses (6 hours)**

- i. ENGL 150/250
Introduction to Literature (*GEP Group B*)
or ENGL 221 Introduction to Literature/Intermediate Composition (*GEP Group B*)
Intermediate Composition (*GEP Group B*)
- ii. ENGL 308/309/310/312/300/330/338/339 Advanced Composition (*GEP Core Skills*)
- iii. ENGL 221
Introduction to Literature/Intermediate Composition (*GEP Group B*)

b. Required Advanced Courses (9 hours)

- i. REED 440 Children's Literature
or ENGL 276 Adolescent Literature
- ii. EDUC 372 Teaching Writing in the Classroom
- iii. ELED 472 Language Arts Methods

c. Supporting Courses (3 hours required; choice of 1 course)

- i. ENGL 418 Second Language Acquisition: Theory and Application
- ii. SPAN 101 Basic Elements of Spanish I
- iii. FREN 101 Basic Elements of French I
- iv. MDFL 111 Intercultural Understanding (*GEP Group F*)

d. Electives (6 hours) Select from two different areas; May use a course only once**GROUP I Reading**

ENGL	231	African American Literature
ENGL	260	British Literature: Beowulf to Present
ENGL	261	American Literature: Colonial to Present
ENGL	270	European and Neo-European Literature
ENGL	271	Asian and African Literature
ENGL	280	Mythology and Literature

- ENGL 290 Topics in Language and Literature
- ENGL 450 Women and Literature
- EDUC 490 Special Topics in Education- Festival of Children's Literature (*must be taken 3 times*)
- ENGL 276 Adolescent Literature
- REED 440 Children's Literature

GROUP II Writing

- ENGL 215 Grammar for Writing
- ENGL 300 Critical Writing about Literature
- ENGL 334 Creative Writing: Fiction
- ENGL 335 Creative Writing: Poetry
- ENGL 336 Journalistic Writing
- ENGL 430 Composing Process

GROUP III Listening, Speaking, Viewing and Visually Representing

- CMST 102 Introduction to Human Communication
- CMST 122 Introduction to Public Speaking
- CMST 215 Small Group Communication
- CMST 345 Conflict Management
- CMST 350 Intercultural Communication
- ENGL 418 Second Language Acquisition: Theory and Application

GROUP IV Teaching English Language Learners

- SPAN 101 Basic Elements of Spanish I
- SPAN 211 Spanish Grammar, Composition & Conversation
- FREN 101 Basic Elements of French I
- FREN 102 Basic Elements of French II
- MDFL 111 Intercultural Understanding (*GEP Group F*)
- MDLF 190 Selected Topics in Foreign Language and Literature
- MDLF 290 Selected Topics in Foreign Language and Literature

- or POSC 113/114 Introduction to World Politics (*GEP Group D*)
- or POSC 131 Introduction to Comparative Politics (*GEP Group D*)
- vi. PSYC 150/151 General Psychology (*GEP Group D*)
- or SOCI 100/111 Introduction to Sociology
- vii. HIST 113 World History, Earliest Times to 1500
- or HIST 114 World History 1500 to 1900

c. Advanced Electives (3 hours)

GROUP I History

- HIST 306 Medieval Europe
- HIST 310 Ancient Greece and Rome
- HIST 418 Native Peoples of the Americas
- HIST 445 History of Maryland
- HIST 461 History of Colonial America
- HIST 462 Revolutionary America, 1763-1789
- HIST 464 History of Civil War and Reconstruction

GROUP II Geography

- GEOG 301 Geography of North America
- GEOG 302 Geography of Maryland
- GEOG 452 Rural Geography

Requirements for Social Science and Civics Concentration (24 hours)

a. Required Courses in Social Science (3 hours)

- i. HIST 103 History of United States, 1492 to 1876
- or HIST 104 History of United States, 1876 to present

b. Additional required courses in Social Science (18 hours)

- ii. ECON 200 Basic Economics (*GEP Group D*)
- or ECON 201/211 Principles of Economics (Macro) (*GEP Group D*)
- iii. GEOG 104/114 Human Geography (*GEP Group D or F*)
- or GEOG 110 World Regional Geography: Cultural Diversity (*GEP Group D*)
- iv. HIST 100/111 Contemporary World History (*GEP Group B*)
- v. POSC 110/112 Introduction to American Politics (*GEP Group D*)

GROUP III Sociology

SOCI 305 Racial and Cultural Minorities (*GEP Group F*)
 SOCI 364 Sociology of Marriage and Family

GROUP IV Political Science

POSC 321 American State and Local Politics

Requirements for STEM Concentration (24 hours)

a. Required courses (7 hours)

- i. BIOL 149 Biology I (*GEP Group C*)
- ii. MATH 119 College Algebra (*GEP Core Skills*)

b. Additional required courses in Science

(4 hours required; choice of 1 course)

- i. CHEM 150 General, Organic and Biochemistry (*GEP Group C*)
- ii. CHEM 201 Chemistry I (*GEP Group C*)
- iii. PHYS 215 General Physics I (*GEP Group C*)

c. Additional required courses in Mathematics

(6 hours required; choice of 2 courses)

- i. MATH 109 Elements of Applied Probability and Statistics
- ii. MATH 200 An Introduction to Discrete Mathematics
- iii. MATH 340 Fundamental Concepts of Geometry

d. Required courses in STEM Education (4 hours)

- i. EDUC 340 STEM Education Through A Transdisciplinary Approach
(*Phase I admission*)
- ii. EDUC 440 STEM Laboratory (*Phase III admission*)

e. Electives in Problem Solving (3 hours)**GROUP I Technical**

CHEM 100/113 Chemistry and Society
 ENES 100 Introduction to Engineering Design
 GEOG 205 Descriptive Meteorology
 GEOG 208 Earth Systems History
 GEOG 324 Urban Geography
 GEOG 335 Oceanography
 GEOG 360 Food Systems

GROUP II Environmental

CMST 365 Environmental Communication
 PHIL 315 Philosophy and the Environment
 SOCI 345 Sociology of the Environment
 SUST 155 Introduction to Sustainability Studies

GROUP III Global Perspectives

CMST 345 Conflict Management
 CMST 350 Intercultural Communication (*GEP Group C*)
 HLTH 125 Health and Culture (*GEP Group F*)
 MDFL 111 Intercultural Understanding (*GEP Group C*)
 SOCI 200 Social Problems

4. Professional Education Sequence (56 hours)

See admission requirements for each Phase

PRE PHASE

EDUC 100 Introduction to Teacher Education (1)
 EDUC 201 Students, Teachers, and Learning Environments
(3; *Pre-Phase or concurrent with Phase I*)
 EDUC 202 Foundations of Learning and Instruction
(3; *Pre-Phase or concurrent with Phase I*)
 EDUC 325 Educational Technology
(3 hours taken *Pre-Phase or concurrent with Phase I*)

PHASE I: Apprenticeship (7 hours; completed over 1 or 2 semesters)

EDUC 200 Phase I Teaching and Professional Assessment Laboratory (1)
 EDUC 376 Special and Multicultural Education (3)
 REED 323 Process and Acquisition of Reading (3)

PHASE II: Assistantship

(14 hours; completed over 1 semester)

ELED 307 Teaching Assistantship (1)
 EDUC 401 Assistantship Seminar (1)
 ELED 471 Math Curriculum, Methods & Assessment (3)
 ELED 474 Science Curriculum, Methods & Assessment (3)
 ELED 475 Social Studies Curriculum, Methods & Assessment (3)
 REED 473 Reading Instruction (3)

PHASE II: Internship I

(13 hours; completed over 1 semester)

EDUC 402 Internship I Seminar (1)
 ELED 494 Teaching Internship I: P-9 (6)
 REED 420 Assessment for Reading Instruction (3)
 REED 425 Materials and Motivations for Reading (3)

PHASE III: Internship II (12 hours; completed over 1 semester)

EDUC 422 Leadership Seminar P-9 (3)
 ELED 495 Teaching Internship II: P-9 (9) (*Capstone*)

5. Other Internship Requirements

- a. Students must complete any school district requirements (application, fingerprinting, background check, drug testing, etc.) in order to qualify for an internship placement

6. Other Graduation/Program Exit Requirements

- a. Submission of a Teacher Performance Assessment that meets institutional standards.
- b. Successful completion of an exit interview that meets institutional standards.
- b. Completion of the Praxis II content knowledge and pedagogy tests required by the Maryland State Department of Education.
- c. Successful completion of required field experiences in primary (1-3) and intermediate (4-5) grades.

Elementary/Middle School Dual Certification

MAJOR

Professors: Rotruck, Stephenson

Associate Professors: Boayue, Eirich, McGee, Milleson, Scarloss, Rankin, Welsch

Assistant Professors: Bishoff, Mattern, O'Neal

Lecturer: Park

- The requirements in numbers 1-3 list specific hours required in other departments. These requirements include but go beyond the University GEP. A list of recommended GEP courses is available in the Department of Educational Professions.
- You must complete an approved 24-hour specialization in a listed area or an approved individualized specialization. Six of those hours will be in middle grades pedagogy (EDUC 316 and EDUC 445).
- A grade of C or better (or P) is required in all specialization or concentration courses taught within the Educational Professions department or transfer equivalent.
- You must complete application for each phase of the program.
- If you complete EDUC 325, Educational Technology, with a grade of C or better, you will fulfill the University's technology fluency requirement.
- The requirements for entry into phases are described in the Educational Professions section of this catalog.

Requirements for Major in Elementary/Middle School Dual Certification

1. Completion of GEP: (41 hours)

- a. Core Skills (9) including MATH 109/110 (3) or MATH 119 (3)
- b. Modes of Inquiry (29-32) including two 4-credit natural science courses

Program Requirements

	MAJOR
Hours Required in Education:	62
Hours Required in Other Departments:	62-69
Total Hours Required:	124-131

2. Additional Required Courses for Elementary/Middle Majors:

- a. MATH 206 Problem Solving for Elementary Teachers I (3)
- b. MATH 207 Problem Solving for Elementary Teachers II (3)
- c. 4 credit laboratory science elective (4)
- d. MUSC 350 Music and Creative Interaction for the Elementary Classroom Teacher (3)
or EDUC 333 Integrated Arts in the Elementary Classroom
- e. PHEC 309 Health and Physical Education for the Elementary Classroom Teacher (3)

d. Middle School Program Requirements (6 hours)

- i. EDUC 316 Early Adolescent Learning and Literacy (3)
- ii. EDUC 445 Strategic Reading and Writing in the Middle Grades (3; Phase II: Internship I)

3. Specialization: (24 hours; at least 1 course satisfies GEP)

Summary of Requirements for English/Language Arts Specialization (24 hours)

a. Required GEP courses (6 hours)

- i. ENGL 308/309/310/312/300/330/338/339 Advanced Composition (3; GEP Core Skills)
- ii. ENGL 150/250 Introduction to Literature (3; GEP Group B)

b. Required Content Courses (12 hours required; choice of 4 courses)

- i. ENGL 430: The Composing Process (3)
- ii. EDUC 372: Teaching Writing in the Classroom (3)
- iii. CMST 102 Introduction to Human Communication (3)
- iv. ENGL 276 Adolescent Literature (3)
- v. REED 440 Children's Literature (3)

c. Middle School Program Requirements (6 hours)

- i. EDUC 316 Early Adolescent Learning and Literacy (3)
- ii. EDUC 445 Strategic Reading and Writing in the Middle Grades (3; Phase II: Internship I)

Summary of Requirements for Mathematics Specialization (25 hours)

a. Required GEP courses (3 hours)

- i. MATH 109/110 Elements of Applied Probability and Statistics (3; GEP Core Skills)

b. Required Elementary Program courses (6 hours)

- i. MATH 206 Problem Solving for Elementary Teachers I (3 credits)
- ii. MATH 207 Problem Solving for Elementary Teachers II (3 credits)

c. Required Content Courses (10 hours)

- i. MATH 200 Discrete Mathematics (3)
- ii. MATH 236 Calculus I (4)
- iii. MATH 340 Fundamental Concepts of Geometry (3)

Summary of Requirements for Science Specialization (25 hours)

a. Required GEP courses (12 hours)

- BIOL 149 General Biology (4; GEP Group C)
- PHSC 203 Physical Science (4; GEP Group C)
- GEOG 103/113 Physical Geography (4; GEP Group C)

b. Required Content Courses (7 hours)

- CHEM 100/113 Chemistry and Society (4) or CHEM 150 General Organic Biochemistry (4) or CHEM 201 General Chemistry (4) or CHEM 103 Foundations of Chemistry (3) and STEM Lab (1)
- PHSC 100 Cosmic Concepts (3) or IDIS 160 Science, Technology and Society (3; GEP Group C)

c. Middle School Program Requirements (6 hours)

- EDUC 316 Early Adolescent Learning and Literacy (3)
- EDUC 445 Strategic Reading and Writing in the Middle Grades (3; Phase II: Internship I)

Summary of Requirements for Social Studies Specialization (24 hours)

a. Required GEP courses (6 hours)

- GEOG 104/114 Human Geography (3; GEP Group D) or GEOG 110 World Regional Geography (3; GEP Group D)
- POSC 110/112 Introduction to American Politics (3, GEP Group D)

b. Required Content Courses (12 hours)

- HIST 100/111 The Contemporary World in Historical Perspective (3, GEP Group B) or HIST 445 History of Maryland (3) or GEOG 302 Geography of Maryland (3)
- HIST 113 World History (Earliest times to 1500)(3) or HIST 114 World History (1500-1900)(3)
- HIST 103 History of the United States (1492-1876)(3) or HIST 104 History of the United States (1876 to present) (3)
- HIST 461 Colonial America, 1607-1763 (3) or HIST 464 Civil War and Reconstruction, 1849 – 1877 (3)

c. Middle School Program Requirements (6 hours)

- EDUC 316 Early Adolescent Learning and Literacy (3)
- EDUC 445 Strategic Reading and Writing in the Middle Grades (3; Phase II: Internship I)

4. Professional Education Sequence (56 hours)

See admission requirements for each phase.

PRE-PHASE

- EDUC 100 Introduction to Teacher Education (1)
- EDUC 201 Students, Teachers and Learning Environments (3; Pre-Phase or concurrent with Phase I)
- EDUC 202 Foundations of Learning and Instruction (3; Pre-Phase or concurrent with Phase I)
- EDUC 325 Educational Technology (3 hours taken Pre-

Phase or concurrent with Phase I)

PHASE I: Apprenticeship (7 hours)

- EDUC 200 Phase I Teaching and Professional Assessment Laboratory (1)
- EDUC 376 Special and Multicultural Education (3)
- REED 323 Process and Acquisition of Reading (3)

PHASE II: Assistantship (14 hours)

- ELED 307 Teaching Assistantship (1)
- EDUC 401 Assistantship Seminar (1)
- ELED 471 Mathematics Curriculum, Methods and Assessment (3)
- ELED 474 Science Curriculum, Methods and Assessment (3)
- ELED 475 Social Studies Curriculum, Methods and Assessment (3)
- REED 473 Reading Instruction (3)

PHASE II: Internship I (13 hours)

- EDUC 402 Internship I Seminar (1)
- ELED 494 Teaching Internship I: P-9 (6)
- REED 420 Assessment for Reading Instruction (3)
- REED 425 Materials and Motivations for Reading (3)

PHASE III: Internship II (12 hours, completed over 1 semester)

- EDUC 422 Leadership Seminar: P-9 (3)
- ELED 495 Teaching Internship II: P-9 (9) (Capstone)

5. Other Internship Requirements

- Students wishing to have an internship placement in a middle school must have successfully completed EDUC 316.
- Students must complete any school district requirements (application, fingerprinting, background check, drug testing, etc.) to qualify for an internship placement.

6. Other Graduation/Program Exit Requirements

- Submission of a Teacher Performance Assessment that meets institutional standards.
- Successful completion of an exit interview that meets institutional standards.
- Completion of the Praxis II content knowledge and pedagogy tests required by the Maryland State Department of Education.
- Successful completion of required field experiences in primary (1-3), intermediate (4-5) and middle grades (6-8).

P-12 Programs

TEACHING CERTIFICATION

Contact: Dr. Jodi Eirich, Associate Professor

Associate Professors: Eirich, Scarloss

Assistant Professors: Bosley, Hurst, Mattern, Rankin

- You must complete an application for each phase of the program.
- The requirements for entry into phases are listed in the Educational Professions section of this catalog.
- The courses of study to be followed in academic content areas are established by the individual departments (art, health and physical education, music).
- You cannot major or minor in P-12 education.

Professional Education Sequence for P-12 Programs

ART

Pre-Phase I EDUC 202 Foundations of Learning & Instruction

(7 hours) EDUC 310 Diversity and Social Justice in Education

EDUC 325 Technology Education

Phase I EDUC 200 Phase I Teaching and Professional Assessment Laboratory

(7 hours) REED 417 Content Area Reading

SPED 451 Adapting Instruction in Diverse Classrooms

Phase II EDUC 300 Phase II Teaching and Professional Assessment Laboratory

(11 hours) EDUC 392 K-12 Field Experience

EDUC 450 Art Education Methods for the Secondary Teacher

EDUC 451 Art Education Methods for the Elementary Teacher

Phase III EDUC 406 Leadership Seminar

(14 hours) EDUC 497 Teaching Internship, K-12 Program

Other Graduation/Program Exit Requirements

- Successful presentation of a portfolio that meets institutional, Maryland state, and national standards.
- Verification of taking PRAXIS II content knowledge and pedagogy tests required by the Maryland State Department of Education (before Phase III).

MUSIC

Pre-Phase I MUSC 125 Introduction to Music Education

(3 hours)

Phase I MUSC 252 Early Music Experience

(4 hours) REED 417 Content Area Reading

Phase II EDUC 300 Phase II Teaching and Professional Assessment Laboratory

(18.5 hours) EDUC 354 General Music Methods in Elementary School

EDUC 355 General Music Methods in Secondary School

EDUC 392 K-12 Field Experience

MUSC 352 Choral Music Methods

or MUSC 353 Instrumental Music Methods

	SPED	451	Adapting
Instruction in Diverse Classrooms			
Phase III	EDUC	406	Leadership
Seminar			
<i>(14 hours)</i>	EDUC	497	Teaching
Internship, K-12 Program			

Other Graduation/Program Exit Requirements

- a. Successful presentation of a portfolio that meets institutional, Maryland state, and national standards.
- b. Verification of taking PRAXIS II content knowledge and pedagogy tests required by the Maryland State Department of Education (before Phase III).

HEALTH & PHYSICAL EDUCATION

Phase I	HPED	310	Technology in Health and Physical Education
<i>(9 hours)</i>	HPED	416	Curriculum Design in Health and Physical Education
	REED	317	Content Area Reading

Phase II	EDUC	392	K-12 Field Experience
<i>(17 hours)</i>	HPED	402	Adapted Physical Education
	HPED	404	Health Instruction
	HPED	408	Elementary Methods of Physical Education
	HPED	418	Secondary Methods of Physical Education

Phase III	EDUC	422	Leadership Seminar
<i>(15 hours)</i>	HPED	497	Teaching Internship: K-12 Programs (<i>Capstone</i>)

Other Graduation/Program Exit Requirements

- a. Successful presentation of a portfolio that meets institutional, Maryland state and national standards
- b. Verification of taking PRAXIS II Health Education and Physical Education: Content and Design required by the Maryland State Department of Education before Phase III

Secondary Teacher Education

CERTIFICATE OPTION

Contact: Dr. Jodi Eirich, Associate Professor

Associate Professors: Eirich, Scarloss

Assistant Professors: Allen, Bishoff, Bosley, Hurst, Mattern, Rankin

- You must complete an application for each phase of the program.
- The requirements for entry into phases are listed in the Educational Professions section of this catalog.
- Secondary Teacher Education is not a primary major. To meet Maryland State certification requirements, Secondary Teacher Education candidates must select the teacher certification option in one of the following disciplines: English, foreign languages and literature, mathematics or

social science. Contact Dr. Jodi Nichols, program coordinator, for details.

Program Requirements

	MAJOR
Hours Required in Education:	37

The courses of study to be followed in academic content areas are established by individual departments. You may select the secondary teacher education major's certification option in addition to completing the major in the following fields:

- foreign languages & literature (certification in concentration in Spanish)
- English
- mathematics
- social science

Professional Teacher Education Sequence

Pre-Phase (10 hours)

EDUC 100	Career Analysis in Education (1)
EDUC 202	Foundations of Learning and Instruction (3)
EDUC 310	Diversity and Social Justice in Education. (3)
EDUC 325	Educational Technology (3)

Phase I (7 hours)

EDUC 200	Phase I Teaching & Professional Assessment Laboratory (1)
REED 417	Content Area Reading (3)
SPED 451	Adapting Instruction in Diverse Classrooms (3)

Phase II (9 hours)

EDUC 300	Phase II Teaching & Professional Assessment Laboratory (1)
EDUC 391	Teaching Internship I: Secondary Education (2)
SCED 410	Secondary Methods and Curriculum (3)
SCED 411	English in the Secondary School (3)
	or SCED 414 Mathematics in the Secondary School (3)
	or SCED 415 Methods of Teaching Modern Foreign Languages (3)
	or SCED 419 Science in the Secondary School (3)
	or SCED 420 Social Studies in the Secondary School (3)
	<i>May be taken concurrent with Phase III</i>

Phase III (8-15 hours)

SCED 496	Teaching Internship II: Secondary Education (6-12)
EDUC 422	Leadership Seminar