School of Education

College of Education and Human Development UNIVERSITY OF DELAWARE

Undergraduate Advisement Handbook

ELEMENTARY TEACHER EDUCATION

2017-2018

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School of Education 2017-2018

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Disclaimer: Please note that the information in this manual is accurate as of June 2017. This information is subject to change during the students' program.

Students are strongly encouraged to seek advisement each semester.

Dear ETES Student,

Congratulations and welcome to the School of Education at the University of Delaware! We are thrilled that you have decided to join our School in your journey to become a teacher. Teachers play a critical role in our 21st century society because of their potential to influence and shape future generations of learners. I am sure you can all name a teacher who has influenced your path thus far. I still remember my fourth grade teacher who several years later became my colleague and mentor during my first year of teaching! You have chosen an important path and we are here to help you reach your destination!

The School of Education is a vibrant intellectual and social community of faculty and students. On a daily basis, faculty work to understand best practices that improve how teachers teach and how students learn and grow academically and socially. Our graduates are also making a difference in real-world classrooms in a variety of settings.

Our faculty, field coordinators and advisors are here to help you develop the knowledge, skills, and professional dispositions you need to be a successful teacher in an everchanging educational landscape. They can also identify University resources that would help address your individual needs. Don't hesitate to reach out to them!

The School of Education will be your home away from home during the next four years. I wish you every success and I look forward to hearing about your accomplishments. Should you have any questions please do not hesitate to reach out to me directly.

Welcome to the Blue Hens family!

Chrystalla Mouza, Ed.D.

Interim Director and Professor

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ELEMENTARY TEACHER EDUCATION COURSE REQUIREMENTS

Elementary Teacher Education and Special Education, Middle School Education, or English as a Second Language

The following Elementary Teacher Education (ETE) course requirements are for students who enter the University of Delaware during the 2017-2018 school year. All ETE students take the General Studies and Professional Studies courses and complete the courses in one of the following six concentration areas. Students must have a C- or better in all courses. The total number of credits for this major that leads to a Bachelor of Science in Education (BSED) is 122-123 credits.

GENERAL STUDIES COURSES

English

ENGL 110 - Critical Reading and Writing

ENGL 101 (students in the middle school English concentration) **OR** ENGL course at the 200-level or higher (students not in the middle school English concentration)

Fine Arts

Any 3-credit ART, ARTH, DANC, MUED, MUSC, **OR** THEA course. This course should satisfy the Creative Arts and Humanities category for the University Breadth Requirements* unless this category is satisfied by another course (e.g., an ENGL course at the 200-level or higher that satisfies the Creative Arts and Humanities category).

Mathematics

MATH 251 - Mathematics for K-8 Teachers: Numbers & Operations

MATH 252 - Mathematics for K-8 Teachers: Rational Numbers & Probability

MATH 253 - Mathematics for K-8 Teachers: Geometry, Algebra and Measurement

Science

BISC 104 OR 207 - Principles in Biology OR Introductory Biology I

GEOL 113 - Earth Science (winter and spring only)

SCEN 101 - Physical Science

Social Studies

ECON/POSC 102 - Civics & Economics for Teachers. NOTE: POSC 102 and ECON 102 are the same course (cross-listed).

GEOG 102, 120, 203, **OR** 210 - Human, World Regional, Cultural, OR Economic Geography

HIST 103, 104, 205, **OR** 206 - World History OR U.S. History

PROFESSIONAL STUDIES COURSES

- EDUC 100 Introduction to Elementary and Middle School Education (fall only)
- EDUC 205 Human Development: Grades K-8
- EDUC 210 Beginning Literacy Instruction
- EDUC 230 Introduction to Exceptional Children
- EDUC 240 OR 247 Law and Ethics in Education OR History of Education in America
- EDUC 258 Cultural Diversity, Schooling & the Teacher
- EDUC 310 Reading & Writing in Elementary School
- EDUC 335 Elementary Curriculum: Math
- EDUC 341 Elementary Curriculum: Science
- EDUC 346 Elementary Curriculum: Social Studies
- EDUC 387 Integrating Technology in Education
- EDUC 390 Classroom Management for Social and Emotional Learning
- EDUC 400 Student Teaching: Elementary Education
- EDUC 428 Critical Reflection of Teacher Decision Making
- EDUC 433 Student Teaching Seminar: Elementary Ed
- EDUC 436 **OR** 437- Differentiated Literacy Instruction OR Diagnosis & Instruction: Literacy Problems (special education)
- EDUC 440 Literacy Instruction for English Language Learners
- EDUC 451 Educational Assessment for Classroom Teachers

CONCENTRATION AREAS

English as a Second Language

EDUC 401 - Language Development in the Classroom (spring only)

EDUC 447 – Adv. Methods in Teaching English as a Second Language (spring only)

EDUC/LING 472 - Teaching English as a Second Language (fall only)

EDUC 459 - Urban Schools in Urban Landscapes (spring only)

EDUC 400 - Student Teaching: English as a Second Language

LLCU/LING 424 - Second Language Testing (fall only)

LING 101 - Introduction to Linguistics

LING 477 - The Structure of English (odd falls only)

Foreign language course at the 100-level or higher from the list of approved courses available online at www.education.udel.edu/ete/english-second-language/.

Middle School English

ENGL 204 - American Literature

ENGL 206 - British Literature II

ENGL 207, 208, 209 or 210 (genre course)

ENGL 294 - English Language: Grammar and Usage

ENGL writing course

ENGL 396 - Teaching Composition in Secondary School (spring only)

EDUC 320 - Reading and Writing in the Middle Grades (fall only)

EDUC 400 - Student Teaching: Middle School English

EDUC/ENGL 403 - Literature for Adolescents: Multimedia Texts

A list of approved writing courses is available online at

www.education.udel.edu/ete/middle-school-english/.

Middle School Mathematics

MATH 217 - Algebra for Middle School Teachers (fall only)

MATH 241 - Analytic Geometry & Calculus A

MATH 222 OR 242 - Calculus II OR Analytic Geometry & Calculus B (spring only)

MATH 230 - Finite Mathematics

MATH 240 - Geometry & Measurement for Middle School Teachers (spring only)

MATH 308 - Historical Development of Mathematical Concepts and Ideas (spring only)

STAT 200 **OR** MATH 201 - Basic Statistical Practice OR Introduction to Statistical Methods I

EDUC 400 - Student Teaching: Middle School Math

EDUC 406 - Teaching Math in Middle School

Middle School Science

Biology courses (6 cr.)

Physical science courses (6 cr.)

Earth science course (3 cr.)

Environmental science course (3 cr.)

SCEN 650 – Scientific Inquiry for Teachers (odd falls only)

EDUC 404 - Teaching Science in Middle School (fall only)

EDUC 400 - Student Teaching: Middle School Science

A list of approved science courses is available online at

www.education.udel.edu/ete/middle-school-science/.

Middle School Social Studies

ECON course

GEOG course

HIST 103, 104, 205, OR 2106 – World History or US History (in the area different from the course taken for General Studies, so that students have one World History and one US History course)

HIST 315 – History for Teachers (fall only)

HIST course from the list of approved courses available at

www.education.udel.edu/ete/middle-school-social-studies.

POSC 150 or 270 - American Political System OR Comparative Politics

Free elective from ECON, GEOG, HIST or POSC

EDUC 348 – Investigating Social Studies in Middle School Communities (fall only)

EDUC 400 – Student Teaching: Middle School Social Studies

Special Education

EDUC 410 - Assistive Technology

EDUC 431 - Applied Behavior Analysis

EDUC 432 - Curriculum for School-Aged Exceptional Children

EDUC 435 - Educational Evaluation for Exceptional Children

EDUC 400 - Student Teaching: Special Education

After required courses are completed, sufficient elective credits must be taken to meet the minimum credits required for the BSED degree.

* University Breadth Requirements

All students must fulfill the University Breadth Requirements in the four areas of Creative Arts and Humanities; History and Cultural Change; Social and Behavioral Sciences; and Mathematics, Natural Sciences and Technology. ETE students take courses that automatically satisfy all of the categories except Creative Arts and Humanities. Please note that Creative Arts and Humanities is different from the Fine Arts requirement for the ETE program. Students can satisfy the Creative Arts and Humanities category by taking a course that counts toward their program and the Creative Arts and Humanities category simultaneously (e.g., MUED391, THEA 104, ENGL 280, GEOG 203); they do not need to take an extra course beyond the ETE program requirements to fulfill this University Breadth Requirement. The courses that satisfy the University Breadth Requirements are listed online at http://AcademicCatalog.udel.edu/Pub ShowCatalogPage.aspx?CATKEY=CATKEY_21_10&ACYEAR=2015-2016

Advisement/Scheduling Tips

General Studies Courses

- ENGL 110 should be taken in the spring of freshman year.
- Two of the three science courses should be taken by the end of sophomore year. However, taking all three by the end of sophomore year is recommended.
- MATH 251, 252 and 253 should all be taken during the freshman and sophomore years. It is best to take MATH 251 in your first semester.
- Social Studies at least two of the three social studies courses should be completed by the end of the sophomore year.
- The Fine Arts course (ART, ARTH, DANC, MUED, MUSC, or THEA) can be taken any time during the four years. Most students save this class for junior or senior year.
- Note: Carefully choose your 200-level ENGL course OR your Fine Arts course so
 that one of them satisfies the University Creative Arts and Humanities breadth
 requirement. Specifically, one of your courses must appear on this breadth
 requirement list at
 http://AcademicCatalog.udel.edu/Pub_ShowCatalogPage.aspx?CATKEY=CATKEY_2110&ACYEAR=2015-2016.
- Please note that Fine Arts and the University Creative Arts and Humanities breadth requirement are **not the same requirement**. For example, if an English course is taken to satisfy the Creative Arts and Humanities breadth requirement, a Fine Arts course is still required.

Professional Studies Courses

- EDUC 100 is the required Freshman Year Experience (FYE) course for ETE. It needs to be taken in the fall of freshman year.
- EDUC 205, 210, 230, 240/247, 258 should be completed during freshman or sophomore years.
- EDUC 387 must be taken prior to the elementary block semester.
- The other 300-level EDUC courses are fall or spring junior level courses. Students
 cannot take these courses until you have successfully completed the Upper Division
 Clearance requirements. EDUC 390 is an exception and can be taken before UDC if
 it is taken on a study abroad trip.

- EDUC 410 is for special education students only. The course can go with student teaching but it is to your advantage to take it earlier. Note that EDUC 230 is a prerequisite for EDUC 410.
- EDUC 451 MUST be taken prior to elementary block for special education students. EDUC 440 can be taken before methods blocks and should be in some cases. Please check with your advisor to see the best semester to take these courses.
- EDUC 400 is the Student Teaching course. Everyone will student teach for two
 semesters and complete a student teaching placement in an elementary school and
 a second placement appropriate for their concentration (i.e., with a special education
 teacher, in a middle school classroom, or in an ESL setting). All students take
 courses during the student teaching experience.

English as a Second Language Concentration

The following ESL concentration courses should be taken at the times listed below. Students in this concentration should take EDUC 451 during student teaching unless you are doing the 4+1 program.

- EDUC 401 and 459 Spring of sophomore year
- LLCU/LING 424 Fall of junior year
- LING 101 Spring of freshman year or fall of sophomore year
- LING 477 This course is offered in odd-numbered fall semesters; it should be taken fall of your junior year. LING 101 is a prerequisite.
- EDUC 472 and EDUC 447 accompany student teaching in your senior year.
- Foreign language requirement freshman or sophomore year.

Middle School English courses

ENGL 101 and ENGL 294 should be taken in the freshman or sophomore year. ENGL 396 should be taken spring of sophomore year. Other concentration courses should be taken in freshman, sophomore or junior year as schedule permits.

Middle School Math courses

You can begin taking these courses any time after you have declared and been approved for your math concentration. It is highly recommended to take MATH 241 as early as possible. Note that you must place high enough on the university math placement exam to take MATH 241. If you do not place high enough, you will need to do the online course to score higher on the ALEKS test or take MATH 117 to prepare yourself for MATH 241. MATH 217 is only offered in the fall and should be taken fall of sophomore year or fall of junior year at the latest. MATH 240 is only offered in the spring and should be taken spring of sophomore year. MATH 308 is only offered in the spring. MATH 222 is only offered in the spring. It is to your advantage to take as many of your math concentration courses during freshman and sophomore year as possible

as you do not want to leave too many courses at once during your junior and senior year. Please work carefully with your advisor in scheduling these courses.

Middle School Science courses

Science concentration courses can be taken as early as second semester of freshman year. However, it is important to get the 4-credit general studies science courses finished before junior year. SCEN 650 is only offered in every other odd fall semester.

Special Education

The special education courses are taken during the student teaching experience with the exception of EDUC 410 which can be taken earlier. Electives to fulfill credits for this concentration can be taken any time. AP credits can be used towards free electives. EDUC 451 must be taken prior to the elementary blocks. This concentration is the only one where students are scheduled to take EDUC 451 prior to the elementary blocks.

The following schedules include <u>SAMPLE</u> course sequences. This is only an example to understand how the program can fit into eight semesters. The three semesters (bolded below) are taken in this exact sequence.

ELEMENTARY AND ENGLISH AS A SECOND LANGUAGE (ESL)

Fall Semester	Spring Semester	
EDUC 100 (1) EDUC 205 (3) EDUC 240/247 (3) GEOG (3) MATH 251 (3) HIST (3)	EDUC 258 (3) ENGL 110 (3) LING 101 (3) GEOL 113 (4) MATH 252 (3)	
16 credits		16 credits
Fall Semester	Spring Semester	
EDUC 210 (3) EDUC 230 (3) Foreign Language (3-4) MATH 253 (3) BISC 104 (4) 16-17 credits	ECON/POSC (3) EDUC 401 (3) EDUC 451 (3) EDUC 459 (3) SCEN 101 (4)	16 credits
Fall Semester	Spring Semester	
EDUC 387 (3) LLCU 424 (3) ENGL 200 level (3) LING 477 (3) FINE ARTS (3)	EDUC 310 (3) EDUC 335 (3) EDUC 341 (3) EDUC 346 (3) EDUC 390 (3) EDUC 428 (2)	17 credits
Fall Semester	Spring Semester	
EDUC 400 (6) EDUC 433 (1) EDUC 436 (3) EDUC 472 (3) 13 credits	EDUC 400 (6) EDUC 433 (1) EDUC 440 (3) EDUC 447 (3)	13 credits

ELEMENTARY AND MIDDLE SCHOOL

Fall Semester	Spring Semester
EDUC 100 (1) EDUC 258 (3) EDUC 240/247 (3) HIST (3) GEOG (3) MATH 251 (3) 16 credits	EDUC 205 (3) ENGL 110 (3) BISC 104 (4) MATH 252 (3) Concentration course (3)
Fall Semester	Spring Semester
EDUC 210 (3) MATH 253 (3) SCEN 101 (4) Concentration course (3) Concentration course (3) 16 credits	EDUC 230 (3) GEOL 113 (4) ENGL 200 level or ENGL101 (3) Concentration course (3) Concentration course (3) 16 credits
Fall Semester	Spring Semester
ECON/POSC (3) EDUC 387 (3) Concentration course (3) Concentration course (3) FINE ARTS (3) 15 credits	EDUC 310 (3) EDUC 335 (3) EDUC 341 (3) EDUC 346 (3) EDUC 390 (3) EDUC 428 (2) 17 credits
Fall Semester	Spring Semester
EDUC 400 (6) EDUC 433 (1) EDUC 451 (3) Methods course (3) 13 credits	EDUC 400 (6) EDUC 433 (1) EDUC 436 (3) EDUC 440 (3) 13 credits

ELEMENTARY AND SPECIAL EDUCATION

Fall Semester	Spring Semester
EDUC 100 (1) EDUC 205 (3) EDUC 258 (3) HIST (3) GEOG (3) MATH 251 (3) 16 credits	EDUC 240/247 (3) ENGL 110 (3) SCEN 101 (4) MATH 252 (3) Free elective (3)
Fall Semester	Spring Semester
EDUC 230 (3) MATH 253 (3) BISC 104 (4) EDUC 451 (3) Free elective (3)	EDUC 210 (3) GEOL 113 (4) EDUC 410 (1) EDUC 440 (3) EDUC 387 (3) ENGL 200 level (3) 17 credits
Fall Semester	Spring Semester
EDUC 310 (3) EDUC 335 (3) EDUC 341 (3) EDUC 346 (3) EDUC 390 (3) EDUC 438 (2)	EDUC 400 (6) EDUC 433 (1) EDUC 431 (3) EDUC 432 (3)
Fall Semester	Spring Semester
EDUC 400 (6) EDUC 433 (1) EDUC 435 (3) EDUC 437 (3)	ECON/POSC (3) Fine Arts (3) Free elective (3) Free elective (3) Free elective (2-3) 14-15 credits

NOTE: The special education concentration has 14 credits of free electives. These credits could be used towards completion of a minor or could be used for the 4+1 program.

Choosing a Concentration Area

Each student in the Elementary Teacher Education (ETE) program will choose a concentration from the following options:

- English as a Second Language (ESL)
- Middle School English
- Middle School Mathematics
- Middle School Science
- Middle School Social Studies
- Special Education

All ETE students take the one-credit course EDUC 100: Introduction to Elementary and Middle School Education in the fall of their freshman year. This course will help students choose their concentration and is considered a First Year Experience course by the University.

Students will select their concentration near the end of EDUC 100. There is an application for the special education concentration as there is a limited number of seats in the special education concentration. Usually, each student will get their first choice for their concentration. However, if the demand for the special education concentration exceeds the number of seats, then students will be asked to select a second choice for their concentration.

After your concentration area has been approved at end of first semester, students must go to UDSIS and declare their concentration so that it appears on their transcript and on UDSIS. This can be done by changing your major from elementary teacher education only to elementary teacher education with the concentration.

ENGLISH AS A SECOND LANGUAGE

Course	
EDUC 401 - Language Development in the Classroom (spring only)	3
EDUC 447 - Advanced Methods in Teaching English as a Second Language	3
(spring only)	
EDUC/LING 472 - Teaching English as a Second Language (fall only)	3
EDUC 459 - Urban Schools in Urban Landscapes (spring only)	3
EDUC 400 - Student Teaching: English as a Second Language	
LLCU/LING 424 - Second Language Testing (fall only)	3
LING 101 - Introduction to Linguistics I	3
LING 477 - The Structure of English (odd fall only)	3
Foreign language course at the 100-level or higher (please see below)	3

The total credits required for the ETE major with the English as a Second Language concentration is 122. Information about this concentration is available online at www.education.udel.edu/ete/english-second-language/.

NOTE: All courses must be completed with a C- or better. In order to student teach, students must have a: 1) minimum 2.6 cumulative GPA, 2) minimum 2.75 GPA in the major (i.e., EDUC courses), and 3) minimum 2.6 GPA in their concentration courses completed before student teaching.

Approved foreign language courses

- ARAB 105, 106, 107, 200, 201, 205
- CHIN 105, 106, 107, 200, 201, 202, 205, 209, 305, 455
- FREN 101, 102, 105, 106, 107, 111, 112, 200, 205, 209, 211, 305, 306, 307, 309, 314, 403, 404, 405, 406, 407, 409
- GREK 101, 102
- GRMN 101, 102, 105, 106, 107, 111, 112, 200, 205, 211, 300, 305, 306, 406
- ITAL 105, 106, 107, 200, 205, 211, 212, 305, 306, 401, 403, 406
- JAPN 105, 106, 107, 200, 201, 202, 205, 209, 301, 305, 306
- LATN 101, 102
- PORT 105, 106, 216, 316
- RUSS 105, 106, 107, 200, 205, 211, 305, 401
- SPAN 101, 102, 105, 106, 107, 111, 112, 200, 201, 203, 205, 300, 305, 306, 314, 401, 403, 406

MIDDLE SCHOOL ENGLISH

Students in the middle school English concentration take the following courses in addition to the ETE General Studies and Professional Studies courses.

Course	Credits
ENGL 204 - American Literature	3
ENGL 206 - British Literature II	3
ENGL 207, 208, 209 or 210 (genre course)	3
ENGL 294 - English Language: Grammar and Usage	3
ENGL 396 - Teaching Composition in Secondary School	
(spring only)	
ENGL writing course (please see below)	3
EDUC/ENGL 403 - Lit. for Adolescents: Multimedia Texts	3
EDUC 320 - Reading and Writing in the Middle Grades (fall	
only)	
EDUC 400-037 - Student Teaching: Middle School English	6

The total credits required for the ETE major with the Middle School English concentration is 122. Information about this concentration is available online at www.education.udel.edu/ete/middle-school-english.

NOTE: All courses must be completed with a C- or better. In order to student teach, students must have a: 1) minimum 2.6 cumulative GPA, 2) minimum 2.75 GPA in the major (i.e., EDUC courses), and 3) minimum 2.6 GPA in their concentration courses completed before student teaching.

Approved ENGL writing courses

ENGL 227	Intro to Creative Writing
ENGL 301	Advanced Composition
ENGL 303	Script Writing
ENGL 304	Poetry Writing
ENGL 305	Fiction Writing
ENGL 306	Topics in Writing
ENGL 307	News Writing and Editing
ENGL 392	Teaching Writing One-to-One

MIDDLE SCHOOL MATHEMATICS

Students in the middle school mathematics concentration take the following courses in addition to the ETE General Studies and Professional Studies courses.

Course	Credits
MATH 217 - Algebra for Middle School Math (fall only)	
MATH 241 - Analytic Geometry and Calculus A	4
MATH 222 - Calculus II OR	
MATH 242 - Analytic Geometry and Calculus B	
MATH 230 - Finite Math with Applications	3
MATH 240 - Geometry and Measurement for Middle School Teachers	
(spring only)	
MATH 308 - Historical Development of Mathematics Ideas (spring only)	3
STAT 200 - Basic Statistical Practice OR	
MATH 201 - Introduction to Statistical Methods I	
EDUC 406 - Teaching Math in Middle School	3
EDUC 400-029 - Student Teaching: Middle School Math	6

The total credits required for the ETE major with the Middle School Mathematics concentration is 123. Information about this concentration is available online at www.education.udel.edu/ete/middle-school-mathematics/.

NOTE: All courses must be completed with a C- or better. In order to student teach, students must have a: 1) minimum 2.6 cumulative GPA, 2) minimum 2.75 GPA in the major (i.e., EDUC courses), and 3) minimum 2.6 GPA in their concentration courses completed before student teaching.

Students need to place into Math 241 on the university math placement exam. Taking a course (e.g., Math 117) to prepare yourself for Math 241 is an option but that would be an additional course which is not required for the program. Another option is to retake the ALEKS test after preparing for it through an online course of study.

MIDDLE SCHOOL SCIENCE

Students in the middle school science concentration take the following courses in addition to the ETE General Studies and Professional Studies courses.

Course	Credits
Biology	6
Physical Science	6
Earth Science	3
Environmental Science	3
SCEN 650 - Scientific Inquiry for Teachers (odd falls only)	3
EDUC 404 - Teaching Science in Middle School (fall only)	3
EDUC 400-036 - Student Teaching: Middle School Science	6

The approved biology, physical science, earth science, and environmental science courses are listed below. The total credits required for the ETE major with the Middle School Science concentration is 122. Information about this concentration is available online at www.education.udel.edu/ete/middle-school-science/.

NOTE: All courses must be completed with a C- or better. In order to student teach, students must have a: 1) minimum 2.6 cumulative GPA, 2) minimum 2.75 GPA in the major (i.e., EDUC courses), and 3) minimum 2.6 GPA in their concentration courses completed before student teaching.

Please note that the middle school science concentration does not lead to teacher certification in New York State because the science certifications in this state are in specific content areas (e.g., biology) instead of in general middle school science. This concentration does lead to teacher certification in other states.

Biology (6 credits)

BISC 105: Human Heredity and Development

BISC 106: Elementary Human Physiology

BISC 152: Biology of Human Sexuality

BISC 171: Microbiology in Modern Society

BISC 208: Introductory Biology II

BISC 276: Human Physiology

KAAP 220: Anatomy and Physiology

PLSC 101: Botany I

Physical Science (6 credits)

CHEM 101/102/103/104/105/106/111/112: General Chemistry

CHEM 120: Quantitative Chemistry

PHYS 133: Introduction to Astronomy OR PHYS 144: Concepts of the Universe

PHYS 139: Star and Constellation Identification (1 credit)

PHYS 141: Light, Lasers, Cameras, Perception

PHYS 143: Energy, Technology and Society

PHYS 144: Concepts of the Universe

PHYS 145: Black Holes and Cosmic Evolution

PHYS 146: Quarks, Gluons, and the Big Bang: Particles and Cosmology

Earth Science (3 credits)

GEOG 101: Physical Geography: Climatic Processes

GEOG 106: Physical Geography: Land Surface Processes

GEOG 152: Climate and Life

GEOG 220: Meteorology

GEOL 105: Geological Hazards and Their Human Impact

GEOL 108: Volcanoes and Earthquakes

GEOL 109: Planets, Asteroids and Impacts

GEOL 110: Earth History: Evolution, Extinction and the Geological Record

GEOL 111: Geology of Delaware and Its Neighbors

GEOL 115: Geological Hazards Laboratory

GEOL 120: Life's a Beach: Geological Processes and Living with the Coast

GEOL 202: Earth Materials

GEOL 215/MAST 215: Full of Hot Air: Understanding Climate Change

GEOL 341: Climate and Climate Change

MAST 200: The Oceans

Environmental Science (3 credits)

BISC 127: Environment and Culture in Conflict

CHEM 100: Chemistry and the Human Environment

ENWC 201: Wildlife Conservation and Ecology

ENWC 205: Insects and Society (2 credits)

ENWC 214: Apiology and Apiculture (2 credits)

ENWC 215: Insects and Society Laboratory (1 credit)

ENWC 224: Apiology and Apiculture Laboratory (1 credit)

GEOG 230: Human Impact on the Environment

GEOG 235: Conservation of Natural Resources

GEOL 112: Earth Resources and Public Policy

PLSC 105: Introductory Forestry

PLSC 140: People and Plants: Feast or Famine

PLSC 170: Soils and Environmental Quality

PLSC 204: Introduction to Soil Sciences

MIDDLE SCHOOL SOCIAL STUDIES

Students in the middle school social studies concentration take the following courses in addition to the ETE General Studies and Professional Studies courses.

Course	Credits
Economics course	3
Geography course	3
HIST 103 or 104 - World History OR HIST 205 or 206 - US History	3
(whichever was not taken to fulfill General Studies; students must have one	
US and one World History)	
HIST 315 - History for Teachers	3
History course from the approved list available online at	
www.education.udel.edu/ete/middle-school-social-studies/	
POSC 150 - American Political Systems OR POSC 270 - Comparative	
Politics	
EDUC 348 - Investigating Social Studies in Middle School Communities	3
EDUC 400-036 - Student Teaching: Middle School Social Studies	6
Social Studies elective from ECON, GEOG, HIST or POSC	3

The total credits required for the ETE major with the Middle School Social Studies concentration is 122. Information about this concentration is available online at www.education.udel.edu/ete/middle-school-social-studies/.

NOTE: All courses must be completed with a C- or better. In order to student teach, students must have a: 1) minimum 2.6 cumulative GPA, 2) minimum 2.75 GPA in the major (i.e., EDUC courses), and 3) minimum 2.6 GPA in their concentration courses completed before student teaching.

SPECIAL EDUCATION

Students in the special education concentration take the following courses in addition to the ETE General Studies and Professional Studies courses.

Course	
EDUC 410 - Assistive Technology	1
EDUC 431 - Applied Behavior Analysis	3
EDUC 432 - Curriculum for School-Aged Exceptional Children	
EDUC 435 - Educational Evaluation for Exceptional Children	
EDUC 400-025 - Student Teaching: Special Education	6

In addition to the above courses, students complete enough elective credits to total 122 credits. These electives can be used for an official university minor or for courses in the 4+1 program. They could also be used to take free electives in any area, and AP credits can be used towards free electives.

The total credits required for the ETE major with the special education concentration is 122. Information about this concentration is available online at www.education.udel.edu/ete/special-education/.

NOTE: All courses must be completed with a C- or better. In order to student teach, students must have a: 1) minimum 2.6 cumulative GPA, 2) minimum 2.75 GPA in the major (i.e., EDUC courses), and 3) minimum 2.6 GPA in their concentration courses completed before student teaching.

Elementary Teacher Education Honors Degree Curriculum

The Elementary Teacher Education (ETE) Honors degree curriculum provides students with the opportunity to engage deeply in the knowledge base and current issues in the field of education through course work and activities. The 30-credit hour curriculum allows students to tailor their program to best match their interests and needs. Students have the opportunity to develop close relationships with their peers and faculty through education courses with small class sizes and projects with faculty.

The experiences in the Honors curriculum challenge ETE students to critically examine the teaching profession and help them grow professionally. The ideas in the 200-level education courses lay the foundation for the discussions and experiences in the 300-and 400-level education courses. The capstone course is the culminating experience that tackles issues in education. Students can pursue ideas that they are passionate about in education through the research internship, independent study and thesis options.

All Honors students take ENGL 110 (Critical Reading and Writing) and an Honors colloquium in their freshman year. During their program, they take at least 12 credits required for the major and at least 12 credits in 300-level courses or higher, not including the freshman colloquium. General information about the Honors program can be found online at https://sites.udel.edu/honors/.

The following courses are taught by School of Education faculty and will count towards the Honors degree for ETE students. Students may take courses from other departments and/or pursue one of the research opportunities below to complete the required 30 credits at the Honors level. Updated information about the ETE Honors Degree is available online at www.education.udel.edu/ete/ete-honors-degree/.

Freshman/Sophomore Years

- EDUC 205 Human Development: Grades K-8 (even-numbered fall semesters)
- EDUC 240 Legal and Ethical Issues in American Education or EDUC 247 The History of Education in America (odd-numbered spring semesters)
- EDUC 258 Cultural Diversity, Schooling and the Teacher (odd-numbered fall semesters)
- MUED 391 Aesthetics and Education (spring semester)

Junior/Senior Years

- EDUC 310 Reading and Writing in Elementary School
- EDUC 390 Classroom Management for Social and Emotional Learning

Senior Year – Capstone Course

 EDUC 470 – Topics in Education (spring semester) or UNIV 490 – Honors Tutorial (fall semester)

Research Opportunities

- EDUC 366 Independent Study
- EDUC 469 Research Internship Experience
- UNIV 401/402 Senior Thesis (UNIV 402 satisfies the above capstone course requirement)

Please see this link for further research opportunities.

http://www.education.udel.edu/research-projects/

University Minors

There are numerous university minors that a student could choose as an option to enhance their program. In the special education concentration, it is particularly easy to do a minor, although it is not necessary. Other options to enhance your program, such as a study abroad program or the 4+1 program, are equally good choices. Below are university minors that are particularly popular for students in the special education concentration. However, any minor the university offers would be possible with an extra course or two.

Human Development and Family Studies

http://www.hdfs.udel.edu/minor/

Disabilities Studies

https://www.udel.edu/cds/disabilities_minor.html

Urban Education

http://www.education.udel.edu/urban-ed-minor/

Educational Technology

http://www.education.udel.edu/ed-tech-minor/

Please note that if a student chooses a minor to go along with their special education concentration, some courses may overlap. For example, EDUC 205 could count for both the ETE requirements and the Disabilities Studies minor. However, students must be careful about the total number of credits prior to graduation. Overlapping courses for the major and minor and not making up those credits with free electives could make a student fall short of the required number of credits to graduate. Your advisor will help you determine whether or not you need additional elective credits.

4+1 Programs for Elementary Teacher Education Students

The following four 4+1 programs are options for Elementary Teacher Education students at the University of Delaware. Students in these programs graduate with their bachelor's degree in four years and can complete a master's degree in one more year. The 4+1 programs enable students to complete the master's degree in a short amount of time because they take some of the graduate courses that count towards the master's degree during their undergraduate program.

- Autism/Severe Disabilities. ETE students in the Special Education concentration can become eligible for teacher certification/endorsement in Autism/Severe Disabilities and earn a M.Ed. in Exceptional Children and Youth in the +1 year. Information about this program is available online at www.education.udel.edu/4-1/autismsevere-disabilities-41-program/.
- Elementary Special Education. ETE students in the ESL or Middle School concentrations can become eligible for teacher certification in special education and earn a M.Ed. in Exceptional Children and Youth in the +1 year. Information about this program is available online at www.education.udel.edu/4-1/elementary-special-education-41-program/.
- Secondary Special Education. ETE students in the Middle School concentrations can become eligible for teacher certification in special education and earn a M.Ed. in Exceptional Children and Youth in the +1 year. Information about this program is available online at www.education.udel.edu/4-1/secondary-speced/.
- Childhood Foreign Language Education. ETE students who demonstrate a minimum level of proficiency in Spanish can earn an M.A. in Childhood Foreign Language Education in the +1 year. Information about this program is available online at www.udel.edu/fllt/ETE/index.html.

Checkpoints and Clearances

Advisement for the Elementary Teacher Education major is provided by a professional academic advisor prior to methods blocks and by a faculty advisor once the student has begun their elementary block (first or second semester of junior year). These advisors provide students with information about the program in many different ways, including individual advisement appointments, class meetings, email and the Elementary Teacher Education web site at www.education.udel.edu/ete/. Students are strongly encouraged to seek advisement each semester as planning ahead is essential.

Nevertheless, it is **the students' responsibility** to avail themselves of the major and university policies and procedures and to complete the requirements for various checkpoints in a timely manner. These checkpoints are outlined below.

Upper Division Clearance

Before students may begin their upper level (methods) courses, they must satisfy certain requirements established by the faculty in the School of Education through a process called "Upper Division Clearance". Students generally apply for clearance in March of their sophomore year. Students must satisfy the requirements in this clearance in order to take their methods courses in their junior and senior years. Students are responsible for their own transportation to field placements in the methods courses. Application for Upper Division Clearance is available online in **March**. Specific dates are publicized each semester.

Student Teaching

All students will have two student teaching placements. Students are responsible for their own transportation to their student teaching placements. To be eligible to student teach, students must satisfy the following requirements.

- A 2.60 GPA or above in all work completed at the University of Delaware.
- A 2.75 GPA or above in all required education (EDUC) courses. All courses must be completed with a grade of C- or better.
- A 2.60 GPA or above in concentration content courses (math, science, social studies, English, ESL, or special education). All courses must be completed with a grade of C- or better.
- Earn a C- or better in all elementary block courses.
- Students must pass EDUC 431 and EDUC 432 before moving on to Student Teaching 2.

Upper Division Clearance

What is Upper Division Clearance (UDC)?

It is a checkpoint to determine a student's eligibility to begin upper level education methods courses.

When must I apply?

Students should apply for Upper Division Clearance in <u>March of their sophomore year</u>. Application for Upper Division Clearance is available online. Specific dates are publicized each semester.

What are the criteria I must satisfy in order to be cleared?

- 1. Minimum overall grade point average of 2.60 in all work taken at the University of Delaware.
- 2. The following General Studies courses must be successfully completed with a grade of C- or better. The list of General Studies courses is on page 6.
 - ENGL 110
 - Two of the three science courses
 - Two of the three social sciences courses
 - MATH 251, 252, and 253
- 3. Completion with a grade of C- or better and a minimum grade point average of 2.60 in the required courses in education. The required education courses are:
 - EDUC 205 Human Development Grades K-8
 - EDUC 210 Beginning Literacy
 - EDUC 230 Introduction to Exceptional Children
 - EDUC 240 Law and Ethics in Education OR EDUC 247 History of Education in America
 - EDUC 258 Cultural Diversity, Schooling, and the Teacher
 - EDUC 387 Integrating Technology in Education
- 4. Official enrollment in the major.
- 5. Successfully pass the **Praxis Core Academic Skills for Educators** test according to the Delaware state guidelines listed below. These tests assess basic skills in reading, writing and mathematics. This test should be taken during freshman year!!

Praxis Core Academic Skills for Educators Computer-Based Tests		
Test Name	Test Name	Passing Score
Reading	5712	156
Mathematics	5732	150
Writing	5722	162

Exemptions: Students who earn ACT or SAT scores at or above the following levels established by the State of Delaware are exempt from taking the Praxis Core Academic Skills for Educators tests in reading and mathematics.

- ACT English score at or above 24 exemption from the Praxis Core Academic Skills for Educators test in reading.
- ACT mathematics score at or above 24 exemption from the Praxis Core Academic Skills for Educators test in mathematics.
- SAT verbal score at or above 560 exemption from the Praxis Core Academic Skills for Educators test in reading.
- SAT mathematics score at or above 540 exemption from the Praxis Core Academic Skills for Educators test in mathematics.

All students must pass the Praxis Core Academic Skills for Educators test in writing; there is no exemption for this test. Students who are not exempt from any test would initially register for the Combined Test (reading, mathematics, and writing). Students who are exempt from the reading test and/or mathematics test would register for the Individual Test(s) that they need to pass.

Students are encouraged to take these tests as early as possible in their college career. There are registration deadlines for these tests and test results usually take 4-6 weeks to be processed, so students should plan several months ahead for when to take these tests. Students will NOT be registered for their elementary methods courses until they have successfully passed and submitted scores for all three sections. Students must designate the University of Delaware as one of the score recipients at the time they register for these tests. The University's recipient code number is 5811.

Updated information about the Praxis tests is available online at www.education.udel.edu/ete/praxis/.

Field Experiences

The numerous field experiences in the Elementary Teacher Education (ETE) program begin in the freshman year and gradually build upon one another. There are three levels of field experiences for all teacher education candidates at the University of Delaware. These levels are:

- Level 1: Early field experiences
- Level 2: Methods field experiences
- Level 3: Student teaching

These experiences provide you with an opportunity to learn about the classroom environment in diverse settings and to connect theory and practice throughout your program.

The **Level 1** field experiences in your freshman and sophomore years include working closely with individual students and observing classrooms. These early experiences will help you learn how to work with students and view classrooms from the perspective of a teacher. You will complete course assignments that are linked to your work in the field in the following courses:

EDUC 205 - Human Development Grades K-8

EDUC 210 - Beginning Literacy Instruction

EDUC 230 - Introduction to Exceptional Children

Level 1 field experience settings vary and may be located up to an hour from campus. Transportation is available through the Office of Clinical Studies for placements that are not within walking distance of UD. If you have a car on campus, it needs to be registered through Public Safety and you must adhere to proper parking regulations.

The **Level 2** field experience takes place when you are in the methods courses where you begin to learn how to teach. This experience builds on the early field experiences and situates you in the role of a classroom teacher. You will design and implement lessons as well as work with individual children.

You are responsible for your own transportation for Level 2 and 3 field experiences. You will often be in schools with a partner or other students, so carpooling may be an option if you do not have your own transportation.

The **Level 3** field experience consists of student teaching for two semesters. Student teaching is the capstone field experience where students teach in an elementary classroom for one semester and then teach in an appropriate classroom for their concentration area for another semester. Students also take courses (e.g., methods courses) during these two semesters. Student teachers engage in all classroom responsibilities and complete activities that are designed to prepare them for the teaching profession.

Field Experience Clearances

TB Testing: In order to comply with state regulations, it is necessary for you to show documentation of having completed a PPD (Mantoux) Tuberculin Test in order to work in schools. Please note that a Tine or Monovac Test cannot be substituted for the PPD Mantoux Tuberculin Test. You will need to present your PPD test results to Student Health Services in Laurel Hall prior to your first field experience.

All students must complete a TB test and present the results to the Student Health Center. This clearance is valid for three years and must be updated prior to student teaching. In addition, Delaware state law requires that all student teachers must complete a new TB test within one year of their student teaching placement. Please visit the Office of Clinical Studies website at www.ocs.udel.edu for specific details.

Criminal Background History: Prior to all field experiences, students will need to annually complete a federal and state of Delaware fingerprinting criminal background check.

Incoming freshmen will receive a mailing to their home with instructions for completing their federal and state of Delaware fingerprinting criminal background clearance. Please refer to the Office of Clinical Studies website at http://www.ocs.udel.edu/fingerprinting/ for additional details for completing the criminal background clearances.

All ETE students will need to complete their criminal background clearances **annually**. They will receive an email during the mid-semester with instructions for completing upcoming background clearances at the Delaware State Police sites. Results must be received in the Office of Clinical Studies prior to the first day the semester. **There will no exceptions to this rule**. If a student does not have an updated criminal background clearance before the first day of the semester, he or she will be pulled from any course that has a field placement.

Please note that criminal background clearances for employment will not serve as a clearance for field experiences.

All criminal background clearances submitted by students must be completed within the state of Delaware with the exception of incoming freshmen.

Any questions regarding criminal background clearances should be directed to clinical studies @udel.edu.

Stewards of Children: All student should complete the on-line program Stewards of Children and submit the certificate of completion. The on-line training costs \$10 and takes approximately 2 hours to complete. See https://www.d2l.org/education/stewards-of-children/online/ to register for the training program.

Professionalism

Professional dispositions and behaviors are expected when you are in the schools and university classrooms. Please keep in mind that you represent the University of Delaware when you are in the field. The chart below describes the eight professional dispositions that all teacher candidates at the University of Delaware must exhibit in schools and university classrooms. You will be evaluated on these dispositions during your methods courses and in student teaching. In addition, course instructors, field instructors/ supervisors, or clinical educators may submit a Professional Dispositions form documenting inappropriate student behaviors to the ETE program coordinator at any time during a student's program.

Students who exhibit behaviors inconsistent with the dispositions listed below may be called into a meeting with the Elementary Teacher Education program coordinator. During this meeting an action plan is created to help students be successful in their program. Multiple or severe disposition issues could lead to the student being removed from the field and/or the ETE program. The dispositions policy and forms are available online at www.ocs.udel.edu.

University of Delaware Professional Education Dispositions

- 1. Demonstrates commitment to the belief that all learners can achieve and persists in helping each learner reach his/her full potential.
- 2. Exhibits enthusiasm, initiative, and a positive attitude.
- 3. Respects and considers the input and contributions of families, colleagues, and other professionals in understanding and supporting each learner's development.
- 4. Respects learners as individuals with differing personal and family backgrounds, and with varying skills, abilities, perspectives, talents, and interests; he/she is committed to using this information to plan effective instruction.
- 5. Takes responsibility for his/her learners' learning and uses ongoing analysis and reflection using current research, education, and policy to improve his/her planning and practice.
- 6. Reflects on constructive criticism and guidance, and appropriately modifies his/her behavior or practice.
- 7. Demonstrates the ethical use of assessment and assessment data to identify learners' strengths and needs.
- 8. Demonstrates professionalism by being on time; representing him/herself appropriately through dress, language and written materials; and meeting deadlines.

Below are examples of behaviors that you should exhibit while in the field.

- Behave in a professional manner at all times when you are in schools. This
 means you will be respectful, show initiative, help when asked, and graciously
 accept constructive criticism.
- Dress in a professional manner. This means: no jeans, T-shirts, shorts, sweats, mini-skirts, see-through clothing, midriffs, sneakers, baseball caps, or excessive cologne or jewelry. Exceptions to this might include physical education settings,

some field trips, floor activities, and other situations as deemed appropriate by your supervisor.

- Become familiar with the rules and procedures of the districts, schools, and classrooms in which you work. Typically, these will be provided to you or discussed with you during orientation sessions. You are a guest in the schools and classrooms where you complete your field experiences, so be prepared to abide by their rules.
- Good communication is central to a good field experience. Communicate with your clinical educators, field instructors/supervisors, and course instructors. Always let them know when you are experiencing a problem in fulfilling your obligations. Ask questions if you are uncertain about something, and raise concerns before they become major problems.
- When you are assigned to a field experience site, the clinical educator (teacher)
 and students are counting on you to be there each and every assigned day on
 time, to remain for the full assigned session, and to give your full attention and
 enthusiasm to the tasks you are asked to or required to complete.
- Be discreet about your personal life. If you have a Facebook or similar account, be careful about what is there for the public to see and never "friend" a student. Schools are not the best places to discuss your social life or personal experiences. Cell phones are never appropriate in the classroom.
- Always keep in mind that bad decisions and improper or illegal conduct can jeopardize your teaching career. Study carefully the information contained at the web address listed above.

You will receive more detailed information about the field experiences as you progress through the ETE program. If you have any questions, there are many people who will be happy to assist you including your course instructors, field instructors/supervisors, academic advisors and the ETE program coordinator.

<u>Professional Education Conduct Board</u>

One of the goals of the University Council on Teacher Education (UCTE) is to ensure "that the University of Delaware offers only professional education programs of high quality." UCTE establishes policies that apply to all professional education programs and approved the following policy on December 11, 2013.

Effective immediately, any candidate in violation of UD's Student Code of Conduct may be removed from their field placement and/or prohibited from future field placements.

Undergraduate candidates in professional education programs who are charged with a violation of the Code of Conduct receive due process through the Undergraduate Student Conduct System. Candidates' violation(s) will be reviewed by the Professional

Education Conduct Board (PECB) if they receive a sanction other than a Disciplinary Warning or a Notice of Reprimand by the Office of Student Conduct and meet at least one of the following conditions:

- The sanction was based on an incident related to academic dishonesty or possible or real harm to others.
- The candidate has at least two incidents on record with the Office of Student Conduct.
- The candidate has at least one incident on her/his federal criminal background check that is not on record with the Office of Student Conduct.

The PECB may remove candidates from their current field placement(s) and/or prohibit them from future field placements if the candidates' conduct would prohibit them from being successful in a setting with children, youth, or adults (e.g., school classroom, community center) and/or pose a risk to children, youth, or adults.

The details of this policy and other UCTE policies can be found online at www.ucte.udel.edu/policies/.

Praxis Subject Assessments (previously Praxis II)

Elementary Teacher Education students must take the Praxis Subject Assessments tests that are required for State of Delaware teacher certification in elementary education and in the area of their concentration (e.g., special education) prior to graduation. Students must pass these Praxis Subject Assessments according to the State of Delaware guidelines in order to earn institutional recommendation for teacher certification. This institutional recommendation is noted on students' transcripts and is needed to apply for teacher certification in Delaware and other states.

Please see the web page at http://www.education.udel.edu/ete/praxis/ for the list of Praxis Subject Assessments that apply to you. This web page also includes information on how to prepare for the tests.

When to Take the Tests

All UD teacher education candidates should take the Praxis Subject Assessments by February of their senior year. Information on how to get and send your scores is available online at

http://www.ets.org/praxis/scores?WT.ac=praxishome_scores_121126.

ETE students are prepared to take the Praxis Subject Assessment in Elementary Education test after they complete their block of elementary education curriculum (methods) courses. Students in the special education concentration are prepared to take the Praxis Subject Assessment in Special Education test after they complete their special education courses. Students in the ESL and middle school concentrations are prepared to take their area-specific Praxis Subject Assessments after they have completed most or all of their concentration area coursework.

Registering for the tests

Students can register for the Praxis tests on the ETS web site at www.ets.org. They can take the tests wherever there is a testing location that administers them; they do not have to take the tests in Delaware. The test can be taken at the UD Computer-Based Testing Center at 218 Allison Hall or at a location listed on the ETS web site.

When students register for the test, they can designate where they want their test scores sent. They can have scores sent to four places for free. UD students **must designate the University of Delaware** (5811) as one of their score recipients. In addition to UD, they should designate as score recipients three other states where they may want to teach and that require the test.

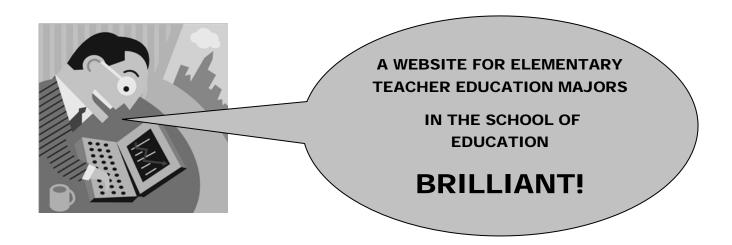
Certification

Students who complete a University of Delaware "state approved" teacher education program, which includes achieving a passing score on all tests required by the State of Delaware for teacher certification at the time of their graduation, will receive the University's institutional recommendation for teacher certification. **Institutional recommendation is necessary to apply for certification in all states.**

Upon receiving the University's institutional recommendation, students must apply for certification through the individual state's Department of Education. A directory of all of the states' certification offices is located on UD's teacher education web site at www.teachered.udel.edu/certification/. Although you will not be able to complete the application process until you have completed your program of study, you should learn about the application process early in your senior year so that you will know what steps you will need to complete before submitting your application (e.g., state-specific testing requirements, physical examination).

Licensure requirements may change from year to year. Students must meet licensure requirements at the time of their graduation, which may be different from licensure requirements in effect at the time they entered the University of Delaware. The most current licensure and certification requirements are available online at www.teachered.udel.edu/informational-booklets-for-teacher-certification/.

Please contact Ms. Alyssa Truszkowski at atrusz@udel.edu in the Delaware Center for Teacher Education for further questions regarding certification issues.



Bookmark the School of Education's website at www.education.udel.edu/ete for all kinds of important information, including:

- ETE PROGRAM REQUIREMENTS!
- CERTIFICATION INFORMATION!
- FIELD EXPERIENCE INFORMATION!
- ADVISEMENT INFORMATION!
- PRAXIS INFORMATION!
- STUDY ABROAD PROGRAM INFORMATION!