

LOWER DIVISION GENERAL EDUCATION

A. Skills

Written Communication

ENGL 110C _____ 3 _____
 ENGL 111C or 131C _____ 3 _____

Oral Communication

_____ 3 _____
 (Satisfied by BIOL 405W)

Mathematics

_____ 3 _____
 (MATH 162M required)

Foreign Language Skills

_____ 0-6 _____
 (Competence must be at the 102 level)

Computer Skills

_____ 3 _____
 (CS 149D or higher required for Biology and Marine Biology;
 teacher education satisfied in the Professional Education core by
 ECI 430)

B. Perspectives

Fine and Performing Arts

_____ 3 _____
 ARTH 121A, ARTS 122A, MUSC 264A, DANC 185A, THEA 241A,
 COMM/THEA 270A

History

_____ 3 _____
 HIST 101H, 102H, 103H, 104H, _____ 3 _____
 or 105H

Literature

_____ 3 _____
 ENGL 112L, 144L, or FLET 100L

Philosophy

_____ 3 _____
 PHIL 110P, 120P, or 150P

Natural Science and Technology

PHYS 111N-112N or _____ 4 _____
 OEAS 110N or 111N and 112N _____ 4 _____
 Technology Requirement
 (Satisfied in the major) _____ 3-4 _____

Social Sciences

_____ 3 _____
 _____ 3 _____
 ANTR 110S; COMM 200S; CRJS 215S; ECON 200S, 201S, 202S
 GEOG 100S, 101S; POLS 100S, 101S; PSYC 201S, 203S; SOC
 201S; WMST 201S

Departmental Requirements

BIOL 115N-116N must be passed with a C or better to continue in the program. Upon completion of BIOL 115N-116N, students must complete the following core of biology courses, some of which are prerequisites or co-requisites for upper-level biology courses (see course descriptions). BIOL 293 and 303 have MATH 162M and CHEM 211 as pre- or co-requisites. STAT 130M is a prerequisite for BIOL 303. BIOL 405W should be taken during the junior or senior year. Core courses must be passed with a C (2.0) or better.

BIOL 115N General Biology I _____ 4 _____
 BIOL 116N General Biology II _____ 4 _____
 BIOL 291 Ecology _____ 3 _____
 BIOL 292 Evolution _____ 3 _____
 BIOL 293 Cell Biology _____ 3 _____

BIOL 303 Genetics _____ 3 _____

BIOL 405W Biology Seminar _____ 2 _____

Biology electives. Students must choose 16 elective hours at the 300 level or above from the courses offered by the Department of Biological Sciences. Three of the courses must have a laboratory component, as listed in the catalog. Students may use four credits at the 200 level to satisfy the elective requirement and may use no more than six credits of unstructured courses to satisfy the requirement (See below). Elective courses must be passed with a grade of C (2.0) or better unless they are specified as Pass/Fail courses, in which case they must be passed (P).

Unstructured Courses. Students may take advantage of several non-classroom experiences offered by the Department of Biological Sciences and may receive elective credit for these experiences. These include BIOL 368 (Internship), BIOL 369 (Practicum), BIOL 497 (Undergraduate Research) and BIOL 498 (Independent Study). See the chief departmental advisor for more information.

Non-biology degree requirements:

CHEM 115N Found of Chemistry I _____ 4 _____
 CHEM 116N Found Chemistry II _____ 4 _____
 CHEM 211 Organic Chem _____ 3 _____
 CHEM elective 200-level or higher _____ 5 _____
 OEAS 110N or 111N and 112N or PHYS 111N-112N satisfy
 Natural Science _____ 8 _____
 MATH 200 _____ 3 _____
 STAT 130M _____ 3 _____

Biology Major with Teaching Licensure in Biology

Students pursuing a biology major with teaching licensure complete the core sequence (BIOL 115N-116N and BIOL 291, 292, 293, 303, 405W) and 16 credit hours of electives at the 300-level or above to include three lab courses. Students may use 4 credits at the 200-level to meet their upper-division requirement. Electives must and human anatomy and physiology (see Chief Dept. Advisor for details). Non-biology requirements are CHEM 115N-116N, 211, and 212; OEAS 110N or 111N and PHYS 111N; MATH 200; and STAT 130M. ECI 430 satisfies the computer science requirement in place of CS 149D.

Admission. Students wanted to be admitted to the teacher education program must have a 2.75 grade point average in the major, the professional core and overall, with no grade less than a C- in the content area and the professional core, and have passed Praxis I or achieved State Board of Education-approved SAT or ACT scores. Although students may enroll in a limited number of education courses, passing Praxis I scores or approved equivalent test scores must be on file with the Office of Teacher Education Services and Advising prior to enrollment in any education practicum course or courses in developing instructional strategies. It is recommended that students take the Praxis I exam prior to, or during, enrollment in ECI 301.

Continuance. Students must maintain an overall grade point average of 2.75 and a 2.75 in the academic major. Biology course must be passed with a C (2.0) or above. The remaining requirements for the major and in the professional education core must be completed with no earned grade less than C- for continuance in the College of Education. In order to obtain a Virginia teaching license, all teacher education students must attain

passing scores on the appropriate Praxis II specialty area tests. A list of the passing scores established by the Virginia Department of Education is available on the Virginia Department of Education website or the Office of Teacher Education Services and Advising, Education 152. The Praxis II Biology Content Examination and the Virginia Communications Literacy Assessment (VCLA) must be passed before the candidate may begin the teacher internship. Passing Praxis II and VCLA scores must be on file in the Office of Teacher Education Services and Advising prior to student teaching.

Graduation. Requirements for graduation include passage of the Exit Examination of Writing Proficiency; completion of the Senior Assessment; a minimum 2.75 grade point average overall, in the major, and in the professional education core, with no grade less than a C in the major and C- in the professional education core; and complete a minimum of 128 credit hours.

NOTE: Due to changing University requirements, national accreditation standards, and Commonwealth licensure regulations, the programs in the Darden College of Education are under constant revision. Any changes resulting from these factors supersede the program requirements described here or in the University catalog. Students should obtain current program information from their academic advisor and the Darden College of Education website at <http://www.education.odu.edu>.

The Professional Education core courses are as follows:

ECI 301 Foundations & Assessment	_____3_____
ECI 360 Class Mgmt and Discipline	_____2_____
ECI 408 Read/Write in Content	_____3_____
ECI 430 PK-12 Instructional Tech	_____3_____
(satisfies computer skills requirement)	
ECI 454 Developing Instructional Strategies: Science	_____3_____
ESSE 313 Fundamentals-Human Growth and Development	_____3_____
ESSE 406 St w/Diverse Learning	_____3_____
ECI 483 Practicum Seminar in Edu (corequisite with ECI 454)	_____1_____
ECI 485 Student Teaching	_____12_____

UPPER DIVISION GENERAL EDUCATION

Teacher Education Core satisfies this requirement.

Option A. Approved Minor, 12-24 hours; also second degree or second major.

Option B. Cluster, 9 hours (3 hours may be in the major area of study.)

Option C. Two Upper Division courses from another college (6 hours).



Requirements for graduation (non-teacher education tracks) include a minimum cumulative grade point average of 2.00 overall and in the major, 120 credit hours, passage of the Exit Examination of Writing Proficiency, completion of Senior Assessment, and completion of the Biology Department Senior Assessment when offered.