The student is responsible for meeting all graduation requirements as published by Old Dominion University.

### GENERAL UNIVERSITY REQUIREMENTS

- **Written Communication Skills (6)**
  - ENGL 110C and one of ENGL 111C
  - ENGL 131C PHIL 111C HIST 111C

- **Oral Communication Skills (3)**
  - COMM 101R COMM 103R
  - COMM 112R

- **Mathematical Skills**
  - see departmental requirements

- **Foreign Language Skills (0 - 6) EXEMPT IF:**
  - All “F” courses grad HS before 86
  - 2 HS credits/ 2 lang
  - 3 HS credits/ 1 lang

- **Computer Skills**
  - see departmental requirements

- **Literature Perspective (3)**
  - ENGL 112L ENGL 144L
  - FLET 100L

- **Fine and Performing Arts Perspective (3)**
  - ARTH 121A ARTS 122A
  - DANC 185A MUSC 264A
  - THEA 241A

- **Philosophy Perspective (3)**
  - PHIL 110P PHIL 120P
  - PHIL 150P

- **History Perspective (6)**
  - HIST 101H HIST 102H
  - HIST 103H HIST 104H
  - HIST 105H

- **Social Sciences Perspective (6) (2 fields)**
  - ANTH 110S CRJS 215S
  - ECON 200S, 201S, 202S
  - GEOG 100S GEOG 101S
  - POLS 100S POLS 101S
  - PSYC 201S PSYC 203S
  - SOC 201S COMM 200S
  - WMST 201S

### TRACK REQUIREMENTS

- **OES and Upper Division (49 cr.)**
  - GEOL 111N-112N Physical Geology-Historical Geology
  - OCEN 306 Oceanography
  - OCEN 310 Global Earth Systems
  - GEOL 313 Mineralogy
  - GEOL 314 Petrology
  - GEOL 320 Sedimentology/Stratigraphy
  - GEOL 344W Geomorphology
  - GEOL 411 Structural Geology
  - GEOL 420 Hydrogeology OR GEOL 414 Geochemistry
  - Geology/Oceanography Electives: GEOL 303,368, 408, 420, 431, 434,446, 487, 488, 495; OCEN 403, 412, 414, 415, 419, 436
  - OCEN 441-442 Ocean and Earth Sciences Field Study I-II
  - STAT 330 Introduction to Probability and Statistics OR STAT 310W Intro. Data Analysis

- **OUTSIDE SCIENCES (34-35 credits)**
  - BIOL 115N General Biology
  - BIOL 116N General Biology OR GEOL 303U Paleontology
  - CHEM 115N-116N Foundations of Chemistry
  - CS 149D or other programming course
  - MATH 211-212 Intro. Calculus I-II
  - PHYS 231N-232N University Physics

### UPPER DIVISION REQUIREMENTS

(9-12 credits)

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- **Other Electives:** must have 120 hours to graduate.