

University General Education Requirements

University General Education Requirements

All students receiving baccalaureate degrees from Old Dominion University shall complete the University's General Education Program. At the lower division (freshman and sophomore), the program's designed courses develop the Skills (Goals 1-2 below) needed for later study and the Ways of Knowing (Goals 3-4) needed to understand the various approaches to knowledge at work in the University. At the upper division (junior and senior), Options B, C and D provide a multidisciplinary experience to broaden the student's ability to apply the Skills and Ways of Knowing at a more advanced level.

General Education and Prior Learning Assessment

All lower-level requirements within this program may be met by credit awarded to students who are able to demonstrate appropriate prior learning that fulfills the objectives of the particular Skills and Ways of Knowing requirements. Though not all learning and experiences are worthy of being recognized with the reward of academic credit, the principle that supports the policy is that many valid learning experiences worthy of such credit do take place outside of the traditional classroom setting. For procedures to meet General Education Requirements in this manner, please consult the section of this Catalog on Prior Learning Assessment Credit Options at the Undergraduate Level and visit the Prior Learning Assessment web site at <https://www.odu.edu/academics/academic-records/evaluation-of-credit/prior-learning> (<https://www.odu.edu/academics/academic-records/evaluation-of-credit/prior-learning/>).

General Education Philosophy

The General Education program at Old Dominion University represents the common core of the baccalaureate degree. It prepares students for pursuing a major, for broadening their views of life, and for understanding an increasingly global and diverse world. It provides students with the basic skills and intellectual perspectives to engage in the search for knowledge. The General Education program develops analytical and critical thinking skills and the ability to make reasoned judgments. Students will also discover that learning is a complex, multifaceted, and lifelong endeavor.

General Education Goals and Objectives

The Goals (1-5) and particular objectives of General Education are as follows:

1. Develop and demonstrate effective uses of language.
 - a. Develop written communication skills.
 - b. Develop oral communications skills.
 - c. Develop ability to use a foreign language and learn about another culture.
 - d. Develop written communication skills in the major at the upper-division level.
2. Develop mathematical and information literacy.
 - a. Develop basic mathematical competence.
 - b. Develop information literacy competence.
3. Develop an understanding of the natural sciences and technology and their contributions to human culture.
 - a. Understand the concepts and methods of the natural sciences.
 - b. Understand the nature of technology and its impacts on society and the environment.
4. Develop an understanding of human behavior, society and culture, with specific attention to technology, international perspectives and issues related to ethnicity, race and gender.
 - a. Develop an understanding of history and the ability to think critically about the past.

- b. Think critically about beliefs, values, and moral issues that have shaped human society.
 - c. Critically analyze the fine and performing arts and their contribution to culture.
 - d. Critically analyze literature and its contribution to culture.
 - e. Develop an understanding of behavioral, political, economic, and social systems.
5. Integrate knowledge at the advanced level.
Option A. Complete a minor, second major or second degree.
Option B. Complete an interdisciplinary minor.
Option C. Complete an approved certification program such as teaching licensure.
Option D: Complete upper-division course work from another college or component (majors in the College of Arts and Letters may select from the Arts and Humanities component or the Social Sciences component depending on the major) outside of and not required by the major.

Students may not use courses in the discipline of their declared major to fulfill University General Education Requirements in the following Ways of Knowing areas: Human Behavior, Human Creativity and the Nature of Science.

Since the Skills and Ways of Knowing are needed for major courses and Upper-Division General Education, students should meet those requirements during their freshman and sophomore years.

Transfer Policies for General Education Requirements

Students who have received any of the following associate degrees from Richard Bland College or the Virginia Community College System have met all lower-division General Education requirements, except those specified as major or college requirements and requirements for completion of the undergraduate writing program: Associate of Arts (AA), Associate of Science (AS) with any major other than general studies (see the next paragraph for additional information), and Associate of Arts and Sciences (AA and S), including the AA & S with a major in general studies.

Effective Fall 2010, the AS degrees in general studies that are offered by those institutions whose general studies degrees are recognized as transfer degrees by the State Council of Higher Education for Virginia will also be guaranteed acceptance as meeting lower-division General Education Requirements. AS degrees in general studies received from those institutions whose general studies degrees are not recognized by the State Council of Higher Education for Virginia will be examined individually to determine whether the degrees are university parallel programs and eligible for lower-division General Education requirement waivers.

Students who have earned an Associate of Applied Science (AAS) degree from the Virginia Community College System that includes the required General Education courses have met all lower-division General Education requirements except those specified as major or college requirements and the requirements for completion of the undergraduate writing program. College-parallel programs at other community colleges or systems (consistent with the requirements of degrees from the Virginia Community College System) are also accepted as meeting lower-division General Education requirements and are reviewed by the Office of Undergraduate Admissions. Transfer students should be aware that even though University lower-division General Education Requirements may have been met, college, school and/or departmental requirements must still be met. Students must earn a grade of C (2.0) or better in order to receive the credit hours associated with classes taken at other regionally accredited institutions.

Policies governing the transfer of General Education Requirements can be found in the Admissions section of this catalog. See the transfer student website for the complete listing of articulation agreements at: <https://www.odu.edu/transfer/transfer-pathways> (<https://www.odu.edu/transfer/transfer-pathways/>).

Lower-Division Requirements (freshman and sophomore years)

I. Skills

Completion of course work in the skills areas ensures that all students possess the basic tools with which to pursue their major interests.

A. Written Communication

Students are advised to consult the department of their major program and the Undergraduate Writing Program Requirements section of this catalog.

| | | |
|------------------------------|---|---|
| ENGL 110C | English Composition (grade of C or better required) | 3 |
| Select one of the following: | | 3 |
| ENGL 211C | Writing, Rhetoric, and Research (grade of C or better required) | |
| ENGL 231C | Writing, Rhetoric, and Research: Special Topics (grade of C or better required) | |

Undergraduate students must pass ENGL 110C with a grade of C (2.0) or better in order to qualify to register for ENGL 211C or ENGL 231C.

Students must also pass ENGL 211C or ENGL 231C with a grade of C (2.0) or better to qualify to register for a writing intensive (W) course.

Total Credit Hours 6

A portfolio waiver option is available for ENGL 110C and ENGL 211C/ENGL 231C. Please refer to the section on Academic Testing and Placement (<http://catalog.odu.edu/undergraduate/policies/academic-policies/#text>) in this Catalog for more information.

B. Oral Communication

| | | |
|-------------------------------------|---|---|
| Select one of the following courses | | 3 |
| COMM 101R | Public Speaking | |
| COMM 103R | Voice and Diction | |
| COMM 112R | Introduction to Interpersonal Communication | |
| DANC/THEA 152R | Acting One | |
| MKTG 200R | Professional Interactions and Negotiations | |
| PHIL 160R | Raising Moral Issues in STEM | |

Total Credit Hours 3

Students may meet this requirement by completing an oral communication course appropriate to the student's program of study or through an approved course(s) within the major. Students are advised to consult the department of their major program.

Majors approved to meet this requirement through major courses are: College of Arts and Letters – communication, French, German, music composition, music education, Spanish, teacher preparation majors in French, German, and Spanish, and all theatre arts majors; College of Education and Professional Studies - human services, occupational and technical studies majors in industrial technology and training specialist; College of Health Sciences - medical laboratory sciences, dental hygiene, health sciences health services administration major, health sciences cytotechnology major, and public health; College of Sciences - ocean and earth science; and School of Nursing - nursing.

Students who complete the required courses in their major that meet oral communication and then change to a major that does not meet the requirement through courses in the major will have met the oral communication requirement for the new major.

C. Mathematics

| | | |
|-------------------------------------|--|---|
| Select one of the following courses | | 3 |
| MATH 101M | An Introduction to Mathematics for Critical Thinking | |

| | |
|-----------|---|
| MATH 102M | College Algebra |
| MATH 103M | College Algebra with Supplemental Instruction |
| MATH 162M | Precalculus I |
| STAT 130M | Elementary Statistics |

Total Credit Hours 3

For the appropriate course, the major program should be consulted. Some programs require more advanced 200-level courses.

Students should strive to complete the mathematics General Education requirement within their first 30 hours at Old Dominion University and are expected to have completed the requirement before the end of their first 60 hours at the University. Students should be aware that waivers of the mathematics General Education requirement are not granted, and all students are required to complete this requirement before graduating.

D. Language and Culture*

Select 6 hours from the following courses unless the language requirement was met through high school coursework, transfer credit, or exemption. 6

| | |
|-----------------------|--|
| ARAB 111F | Beginning Arabic |
| CHIN 111F | Beginning Chinese |
| FR 101F & FR 102F | Beginning French I and Beginning French II |
| GER 101F & GER 102F | Beginning German I and Beginning German II |
| HEBR 111F | Beginning Hebrew I |
| ITAL 101F & ITAL 102F | Beginning Italian I and Beginning Italian II |
| JAPN 111F | Beginning Japanese |
| LATN 101F & LATN 102F | Beginning Latin I and Beginning Latin II |
| PRTG 101F & PRTG 102F | Beginning Portuguese I and Beginning Portuguese II |
| RUS 101F & RUS 102F | Beginning Russian I and Beginning Russian II |
| SPAN 101F & SPAN 102F | Beginning Spanish I and Beginning Spanish II |
| SPAN 121F | Intensive Beginning Spanish |

Total Credit Hours 6

111F courses are six credit hours each. Students may meet the language and culture requirement by successfully completing the third level in one foreign language or the second level in each of two foreign languages in high school or by completing a single foreign language at the 102F or 111F level or equivalent work from another institution. Students who have had some foreign language experience but are unable to be exempted from this requirement may complete just the 121F course in the case of Spanish or the 102F course in foreign languages if scores on the CEEB Foreign Language Achievement Test so indicate.

The College of Arts and Letters requires foreign language proficiency at the fourth-semester level for students pursuing Bachelor of Arts degrees.

Students whose native language is not English are exempt from taking a foreign language for General Education. Students pursuing degrees that require proficiency beyond the 100 level must be certified by the World Languages and Cultures Department to obtain a waiver of the 200-400 level courses.

American Sign Language courses taken in high school or transferred to Old Dominion University from another institution are accepted by Old Dominion University to meet General Education requirements in language and culture. American Sign Language courses transferred from another institution are accepted to meet the foreign language requirement for BA degrees in the College of Arts and Letters except for Asian Studies, foreign languages and international studies.

* Does not apply to students earning high school diplomas before December 31, 1985.

E. Information Literacy and Research

Select one of the following courses 3

| | |
|-------------------|---|
| CHEM 160G | Introduction to Chemistry and Biochemistry Research and Careers |
| COMM 272G | Digital Literacy |
| COMM 278G | Advertising & Society |
| CS 120G | Introduction to Information Literacy and Research |
| CS 121G | Introduction to Information Literacy and Research for Scientists |
| CS/CYSE/PHIL 202G | Information Literacy for Cybersecurity |
| HLTH 120G | Information Literacy for Health Professions |
| HNRS 250G | Media and Info Literacy in the Google Age |
| IT 150G | Basic Information Literacy and Research |
| LIBS 110G | Information Literacy for the Digital Age |
| OEAS 130G | Research Skills and Information Literacy for the Natural Sciences |
| PHIL 290G | Philosophy of Digital Culture |
| REL 147G | Cults and Conspiracies |
| REL 260G | Muslims & Media |
| STEM 251G | Computer Literacy: Communication and Information |

Total Credit Hours 3

Students may meet this requirement in the major and are advised to consult the department of their major program.

Majors approved to meet this requirement through major courses are: College of Arts and Letters – African American and African Studies depending on elective choice, Asian Studies depending on elective choice, geography, history, history teacher preparation, international studies depending on elective choice, and political science; College of Engineering and Technology - all majors; College of Health Sciences – dental hygiene; College of Sciences - biochemistry, biochemistry with teaching licensure, biology, chemistry, chemistry with teaching licensure, computer science, computer science with teaching licensure, and ocean and earth science; School of Nursing - nursing.

Students who complete the required courses in their major that meet information literacy and research and then change to a major that does not meet the requirement through courses in the major will have met the information literacy and research requirement for the new major. Engineering and engineering and technology majors who complete ENGT 111 but do not complete the additional major courses to meet information literacy and research must complete CS 112 to meet the requirement or they may complete a separate course with the "G" designation.

II. Ways of Knowing

Courses in the Ways of Knowing develop the students' critical and analytical thinking abilities. They also develop understanding of the various approaches to knowledge, the contributions various academic disciplines can make to solving specific problems, and the effective use of the English language. Courses in the Ways of Knowing also develop and reinforce written communication skills and include relevant insights into technology. In addition, courses within each Way of Knowing focus on objectives unique to that way of knowing.

A. Human Behavior

The objective of this Way of Knowing is to enable students to learn about human behavior in changing contexts. The courses will address how ideological, scientific, and ethical judgments affect human behavior in

Western and non-Western cultures. They will also offer perspectives on the challenges, concerns, and contributions of diverse groups such as women and minorities.

Students may not use courses in the discipline of their major to meet the Human Behavior requirement.

Courses that meet the human behavior Way of Knowing are:

Select one of the following courses 3

| | |
|---------------|--|
| AAST 100S | Introduction to African American Studies |
| ANTR 110S | Introduction to Anthropology |
| COMM 200S | Introduction to Human Communication |
| CPD/SOC 100S | Leadership and Society |
| CRJS 215S | Introduction to Criminology |
| CYSE 201S | Cybersecurity and the Social Sciences |
| DASC/SOC 205S | Data, Technology, Society |
| ECON 200S | Basic Economics |
| ECON 201S | Principles of Macroeconomics |
| ECON 202S | Principles of Microeconomics |
| ENTR 201S | Introduction to Entrepreneurship |
| FOUN 101S | Learning to Learn |
| FIN 210S | Personal Financial Literacy |
| GEOG 100S | Human Geography |
| GEOG 101S | Environmental Geography |
| HMS 200S | Personal Health and Wellness |
| POLS 100S | Introduction to International Politics |
| POLS 101S | Introduction to American Politics |
| POLS 102S | Introduction to Comparative Government and Politics |
| PRTS 210S | Leisure and Human Behavior |
| PSYC 201S | Introduction to Psychology |
| PSYC 203S | Lifespan Development |
| SEPS 203S | Dress, Culture and Society |
| SOC 201S | Introduction to Sociology |
| SOC 203S | Diversity and Society |
| WMST 201S | Introduction to Women's, Gender, and Sexuality Studies |

Total Credit Hours 3

B. Human Creativity

This Way of Knowing emphasizes artistic creative endeavor and appreciation and the history of the arts. The courses include field experience with the professional arts community in Hampton Roads as well as with the faculty of relevant departments. The objectives are to foster an appreciation of aesthetic experiences, develop abilities to make reasoned aesthetic judgments and develop an understanding of diverse cultures.

Students may not use courses in the discipline of their major to meet the Human Creativity requirement.

Courses that meet the human creativity Way of Knowing are:

Select one of the following courses 3

| | |
|----------------|----------------------------------|
| ARTH 121A | Introduction to the Visual Arts |
| ARTS 122A | Visual Communication |
| COMM/THEA 270A | Film Appreciation |
| DANC 185A | Dance and Its Audience |
| MUSC 264A | Music in History and Culture |
| SEPS 223A | Visual Merchandising and Display |
| THEA 241A | The Theatre Experience |

Total Credit Hours 3

C. Interpreting the Past

The objective of this Way of Knowing is to provide an understanding of historical analysis for non-history majors.

Courses that meet the interpreting the past Way of Knowing are:

| | |
|-------------------------------------|--|
| Select one of the following courses | 3 |
| HIST 100H | Interpreting the World Past Since 1500 |
| HIST 101H | Interpreting the Asian Past |
| HIST 102H | Interpreting the European Past |
| HIST 103H | Interpreting the Latin America Past |
| HIST 104H | Interpreting the American Past |
| HIST 105H | Interpreting the African Past |
| HIST 205H | Heroes & Hoplites: History of Ancient Greece |
| THEA 243H | Theatre Histories |
| Total Credit Hours | 3 |

D. Literature

This Way of Knowing emphasizes the contribution of literature to culture. Through critical reading and analysis, students will develop the ability to make effective use of the English language and informed aesthetic judgments about style and content.

Courses that meet the literature Way of Knowing are:

| | |
|-------------------------------------|--|
| Select one of the following courses | 3 |
| ENGL 112L | Introduction to Literature |
| ENGL 114L | American Writers, American Experiences |
| WCS 100L | Introduction to World Literatures and Cultures |
| Total Credit Hours | 3 |

E. The Nature of Science

This Way of Knowing requires two semesters of natural science. A student may fulfill the requirement with two non-sequential natural science classes with labs unless a sequence is specifically required for the major. These courses introduce the disciplines and the methods of science and develop the abilities to make reasoned judgments based on scientific considerations.

Students may not use courses in the discipline of their major to meet the Nature of Science requirement.

Courses that meet the nature of science Way of Knowing are:

| | |
|--|--|
| Select two of the following courses. The combination of BIOL 150 and BIOL 151 plus BIOL 240 and BIOL 241 or the combination of BIOL 150 and BIOL 151 plus BIOL 250 and BIOL 251 satisfies four credits of the nature of science requirement. | 8 |
| BIOL 105N | Biology for Nonscience Majors I |
| BIOL 106N | Biology for Nonscience Majors II |
| BIOL 110N & BIOL 111N | Environmental Science for Non-Majors and Environmental Science Lab for Non-Majors |
| BIOL 112N & BIOL 113N | Environment and Humanity and Environment and Humanity Laboratory |
| BIOL 117N & BIOL 118N | Introduction to Human Biology and Introduction to Human Biology Lab |
| BIOL 121N & BIOL 122N | General Biology I and General Biology I Lab |
| BIOL 123N & BIOL 124N | General Biology II and General Biology II Lab |
| CHEM 105N & CHEM 106N | Introductory Chemistry and Introductory Chemistry Laboratory |
| CHEM 107N & CHEM 108N | Introductory Organic and Biochemistry and Introductory Organic and Biochemistry Laboratory |

| | |
|---------------------------|--|
| CHEM 121N & CHEM 122N | Foundations of Chemistry I Lecture and Foundations of Chemistry I Laboratory |
| CHEM 123N & CHEM 124N | Foundations of Chemistry II Lecture and Foundations of Chemistry II Laboratory |
| OEAS 106N | Introductory Oceanography |
| OEAS 108N | Understanding Global Climate Change |
| OEAS 110N | Earth Science |
| or OEAS 111N | Physical Geology |
| OEAS 112N | Historical Geology |
| OEAS 250N | Natural Hazards and Disasters |
| PHYS 101N | Conceptual Physics |
| PHYS 102N | Conceptual Physics |
| PHYS 103N | Introductory Astronomy of the Solar System |
| PHYS 104N | Introductory Astronomy of Galaxies and Cosmology |
| PHYS 111N | Introductory General Physics |
| PHYS 112N | Introductory General Physics |
| PHYS 231N | University Physics I |
| PHYS 232N | University Physics II |
| PHYS 261N & PHYS 262N | Advanced University Physics I and Advanced University Physics II |
| Total Credit Hours | 8 |

F. Philosophy and Ethics

Because of the many decisions students will be called upon to make in their personal and professional lives, they will need an appreciation and understanding of philosophical, religious, and ethical foundations to help them to make informed, intelligent choices. Further, as the pace of change and interdependency in the world accelerates, it is important that students be given an ample opportunity to critically examine philosophy and ethical values and to understand how philosophical and ethical issues affect decision-making in professional disciplines.

Courses that meet the philosophy and ethics Way of Knowing are:

| | |
|-------------------------------------|-------------------------------------|
| Select one of the following courses | 3 |
| PHIL 110P | Introduction to Philosophy |
| PHIL 120P | Logic and Philosophy |
| PHIL/REL 150P | Life, Death, and Meaning |
| PHIL/REL 155E | Human Nature |
| PHIL 230E | Introduction to Ethics |
| PHIL/REL 235E | Love, Sex, and Desire |
| PHIL 250E | World Religions: Beliefs and Values |
| PHIL 270P | Truth and Perception |
| PHIL 303E | Business Ethics |
| PHIL 344E | Environmental Ethics |
| PHIL 345E | Bioethics |
| PHIL 355E | Cybersecurity Ethics |
| PHIL/DASC 357E | Ethics and Data |
| PHIL 442E | Studies in Applied Ethics |
| Total Credit Hours | 3 |

Students may meet this requirement in the major and are advised to consult the department of their major program. Majors approved to meet this requirement through major courses are: College of Arts and Letters – interdisciplinary studies majors in game studies and design, leadership, and professional writing depending on elective choice; College of Education and Professional Studies – sport management; College of Engineering and Technology – all majors if ENMA 480 is completed; College of Health Sciences – dental hygiene, dental hygiene degree completion, health sciences health services administration major, and public health; School of Cybersecurity - cyber risk management and cybersecurity depending on elective choice, cyber operations.

Students who complete the required courses in their major that meet philosophy and ethics and then change to a major that does not meet the requirement through courses in the major will have met the philosophy and ethics requirement for the new major.

G. Impact of Technology

It is important for students to understand not only how a technology functions, but also how technology affects society.

Courses in the impact of technology Way of Knowing are intended to develop students' abilities to make reasoned judgments about the impact of technological development upon world cultures and the environment as well as upon individuals and societies.

Courses that meet the impact of technology Way of Knowing are:

| Select one of the following courses | | 3 |
|-------------------------------------|---|---|
| BDA 200T | Elements of Data Science | |
| BIOL 470T | Diseases that Changed our World | |
| CHEM 171T | Influence of Polymers on Society | |
| CHEM 173T | Nutritional Biochemistry | |
| CHEM 175T | Neurotechnology | |
| CHEM 339T | The Chemistry of the Environment | |
| CHEM 343T | Science and Technology in Art | |
| COMM/THEA 280T | Entertainment Technologies | |
| COMM 372T | Introduction to New Media Technologies | |
| CS 300T | Computers in Society | |
| CYSE/IT 200T | Cybersecurity, Technology, and Society | |
| DNTH 440T | Telehealthcare Technology | |
| ENGL/IDS 307T | Digital Writing | |
| GAME 201T | Introduction to Game Studies | |
| GEOG 102T | Digital Earth: Geospatial Technology and Society | |
| GEOG 306T | Hazards: Natural and Technological | |
| HIST 304T | History of Medicine, Disease, and Health Technology | |
| HIST 388T | Discovering Earth's History | |
| HIST 389T | Technology and Civilization | |
| HIST/HNRS 386T/SCI 302T | The Evolution of Modern Science | |
| IT 360T | Principles of Information Technology | |
| MUSC 335T | Music Technology Survey | |
| OEAS 220T | Introduction to Meteorology | |
| PHIL 383T | Philosophy of Technology & Innovation | |
| PHYS 137T | Introduction to Quantum Science and Technology | |
| POLS 350T | Technology and War | |
| POLS 458T | Weapons of Mass Destruction in Global Security | |
| STEM 110T | Technology and Your World | |
| STEM 370T | Technology and Society | |
| THEA 280T | Entertainment Technologies | |
| WMST 390T | Women, Gender, and Technology Worldwide | |

The impact of technology way of knowing can also be met by major requirements. Students are advised to consult the department of their major program. Majors approved to meet this requirement through major courses are: College of Arts and Letters – communication depending on elective choice, dance education, English teacher preparation, fine arts and studio arts depending on elective choice, French teacher preparation, geography depending on elective choice, German teacher preparation, history depending on elective choice, history teacher preparation, interdisciplinary studies majors in individualized integrative studies, interdisciplinary

studies majors in cybercrime, game studies and design, general engineering technology, leadership, and professional writing depending on elective choice, all music majors; Spanish teacher preparation, theatre education, and women's studies; College of Business - all majors; College of Education and Professional Studies - early childhood education, elementary education, health and physical education teacher preparation, marketing education, all majors in occupational and technical studies, special education, and technology education; College of Engineering and Technology - all majors; College of Health Sciences - exercise science, health sciences health services administration and public health; College of Sciences - computer science and ocean and earth science; School of Cybersecurity - cyber operations, cyber risk management and cybersecurity.

Students who complete the required courses in their major that meet impact of technology and then change to a major that does not meet the requirement through courses in the major will have met the impact of technology requirement for the new major.

Honors Courses that Meet General Education Requirements*

| Skills | | |
|-----------------------------------|---|---|
| Written Communication | | |
| ENGL 126C | Honors: English Composition | 3 |
| ENGL 226C | Honors: Writing, Rhetoric, and Research | 3 |
| ENGL 228C | Honors: Writing, Rhetoric, and Research: Special Topics | 3 |
| Oral Communication | | |
| COMM 126R | Honors: Public Speaking | 3 |
| Information Literacy and Research | | |
| CS 126G | Honors: Introduction to Information Literacy and Research | 3 |
| REL 226G | Honors: Muslims & Media | 3 |
| Ways of Knowing | | |
| Human Behavior | | |
| COMM 226S | Honors: Introduction to Human Communication | 3 |
| CRJS 226S | Honors: Introduction to Criminology | 3 |
| ECON 226S | Honors: Principles of Macroeconomics | 3 |
| ECON 227S | Honors: Principles of Microeconomics | 3 |
| GEOG 126S | Honors: Cultural Geography | 3 |
| POLS 126S | Honors: Introduction to American Politics | 3 |
| POLS 127S | Honors: Introduction to International Politics | 3 |
| SOC 226S | Honors: Introduction to Sociology | 3 |
| WMST 226S | Honors: Gender and Sexuality in a Changing World | 3 |
| Human Creativity | | |
| ARTS 126A | Honors: Art as Experience | 3 |
| ARTH 127A | Honors: Introduction to the Visual Arts | 3 |
| COMM 227A | Honors: Film Appreciation | 3 |
| MUSC 126A | Honors: Music in History and Culture | 3 |
| THEA 227A | Honors: Film Appreciation | 3 |
| Interpreting the Past | | |
| HIST 126H | Honors: Interpreting the American Past | 3 |
| HIST 127H | Honors: Interpreting the European Past | 3 |
| Literature | | |
| ENGL 127L | Honors: Introduction to Literature | 3 |
| The Nature of Science | | |
| BIOL 136N & BIOL 137N | Honors General Biology I and Honors General Biology I Lab | 4 |
| BIOL 138N & BIOL 139N | Honors General Biology II and Honors General Biology II Lab | 4 |
| OEAS 126N | Honors: Introductory Oceanography | 4 |

| | | |
|------------------------------|--|---|
| PHYS 126N & PHYS 127N | Honors: Introductory Astronomy and Honors: Introductory Astronomy | 8 |
| PHYS 226N & PHYS 227N | Honors: University Physics I and Honors: University Physics II | 8 |
| Philosophy and Ethics | | |
| PHIL 126P | Honors: Introduction to Philosophy | 3 |
| PHIL 227E | Honors: World Religions: Beliefs and Values | 3 |
| PHIL 228E | Honors: Introduction to Ethics | 3 |

* Courses listed are open only to students in the Perry Honors College.

Upper-Division Requirements (junior and senior years)

Writing Intensive Course in the Major

All students are required to demonstrate written communication skills in the major by taking a Writing Intensive (W) course at the upper-division level. All undergraduate students must complete their W course in the major (3 credits) at Old Dominion University and earn a grade of C (2.0) or better in order to earn a baccalaureate degree.

Criteria for Writing Intensive courses include:

1. Students will demonstrate, in a series of individual (not group) assignments, their mastery of the subject in a discipline, through the writing of formal documents.
2. For each writing assignment, the instructor will provide feedback to the student, evaluating content and writing style (organization, development, logic, coherence and mechanics).
3. Types of documents for writing assignments include essays, laboratory reports, project reports, critiques of performances, research proposals, case studies, journal article reviews, book reviews, creative writing, written interviews, and other forms appropriate to a particular discipline.
4. A maximum of 10% total of identified graded writing in the form of essays for tests, quizzes, and/or a mid-term examination (not a final exam) may be included. It is to be evaluated for both content and writing style as indicated in (b) above.
5. Graded writing requirements comprise at least 51% of the overall course grade.

Upper-Division Studies Outside the Major

Students are required to complete Option A, B, C or D to meet the upper-division general education requirement. In addition to the completion of courses in the area of the major field, a candidate for a baccalaureate degree may select Option A, any University-approved minor, second degree or second major. The minor may be chosen to support the major, to offer greater job opportunities to the student on graduation, or to provide academic recognition of study in a second disciplinary area. A baccalaureate degree candidate may also choose an integrative disciplinary experience through the selection of Option B, an Interdisciplinary Minor; Option C, an approved Certification Program such as Teaching Licensure; or Option D, six hours of elective upper-division course work from outside of and not required by the student's major and college. In the College of Arts and Letters, courses are divided into two components for option D: (1) Arts and Humanities and (2) Social Sciences.

Option A: Any University-approved minor (minimum of 12 hours determined by the department), second degree, or second major

Students who complete the course requirements for the minor, but who do not attain a 2.00 grade point average in the minor, may request that the course work be approved to meet the upper-division general education requirement. The request may be initiated through the student's advisor and the associate dean of their college and submitted to the assistant vice president for undergraduate studies in the Office of Academic Affairs. Students whose requests are approved will meet the upper-division

requirement, but they will not receive credit for the minor. Additional information can be found in the section of this Catalog on Minors.

Approved minors can be found at the programs search link: /p (<http://catalog.odu.edu/programs/>)rograms/. (<http://catalog.odu.edu/programs/>)

Option B: Any University-approved interdisciplinary minor (specifically 12 hours, three of which may be in the major)

Three credit hours in the interdisciplinary minor may be in the major if a major course is listed as an option for the interdisciplinary minor. As such, it will be credited toward both the major and the interdisciplinary minor. Interdisciplinary minors require 12 credit hours of 300/400-level courses selected from at least two different disciplines with a maximum of six credits from any one discipline. Course substitutions may be approved by the interdisciplinary minor coordinator. Additional information can be found in the section of this Catalog on Minors.

Approved interdisciplinary minors can be found at the programs search link: /programs/ (<http://catalog.odu.edu/programs/>)

Option C: Approved Certification Program such as Teaching Licensure

Option C can be met through an approved certification program such as teaching licensure. The professional education requirements specified for teaching licensure programs meet this option.

Option D: Upper-Division Course Work from Another College Outside of and not Required by the Major

Option D can be met by six credit hours of elective upper-division course work from outside of and not required by the student's major and college. Transfer courses may be used to meet this requirement but must be from outside of and not required by the student's major and college. Study abroad courses, Military Science and Leadership courses (MSL) and Naval Science courses (NAVS) may be used to meet the Option D requirement for all students, regardless of the student's major and college. Upper-division courses elected to meet the Philosophy and Ethics and Impact of Technology Ways of Knowing areas may also meet the requirement but they must be outside the college and not required by the major.

In the College of Arts & Letters, courses are divided into two components: (1) Arts & Humanities and (2) Social Sciences.

Arts and Letters majors will be permitted to take upper-division courses in their non-major component for this requirement or courses from another college.

By definition the Arts and Humanities component will include: Art, Dance, English, Graphic Design, History, Humanities, Music, Music Education, Philosophy, Theatre, and World Languages and Cultures. The Social Sciences component will include: African-American Studies, American Studies, Asian Studies, Anthropology, Communication, Criminal Justice, Filipino-American Studies, Gaming, Geography, International Studies, Jewish Studies, Middle Eastern Studies, Political Science, Queer Studies, Sociology, and Women's Studies.

Students must satisfy all prerequisites before enrolling in any upper-division course.