

D.E.C. REQUIREMENTS FOR STUDENTS WITH MAJORS IN THE COLLEGE OF ENGINEERING AND APPLIED SCIENCES

Students are encouraged to visit the College of Engineering and Applied Science Undergraduate Student Office for a formal review of their D.E.C. requirements at least two semesters prior to their expected date of graduation. Students can use these pages to record courses used toward these requirements.

University Skills: Tier I

This tier consists of D.E.C. categories A through D and should typically be completed in the first year of study. This group of requirements focuses on ways of learning essential to the entire academic experience and subject matter intrinsic to liberal learning.

Category A English Composition 2 courses

A _____, _____

The ability to communicate effectively in written English is essential to success both in the University and in society. Students satisfy this requirement by passing WRT 101: Introductory Writing Workshop and WRT 102: Intermediate Writing Workshop A or WRT 103: Intermediate Writing Workshop B.

Notes:

1. A score of 4 or 5 on the University's writing placement examination or a score of 3, 4, or 5 on the AP English/Comp or English/Lit examination satisfies the first course of the two-course requirement.
2. Students must begin completion of category A during their first year at Stony Brook and must take writing courses in sequence until the requirement is satisfied.
3. All transfer and rematriculated students who have passed, with a grade of C or higher, a composition course judged equivalent to WRT 102 or WRT 103 will have satisfied this requirement.
4. Once matriculated, the student must complete Category A at Stony Brook.

Category B Interpreting Texts in the Humanities

1 course

B _____

Category B courses help students develop skills of interpretation and analysis that will enable them to examine subject matter critically, not only in the humanities, but in all other college courses.

Category C Mathematical and Statistical Reasoning

1 course

C _____

Category C courses help students understand and use quantitative skills and ideas critical to higher education.

Notes:

1. The course offered for category C must be passed with a letter grade of C or higher.
2. A score of 4 or 5 on the AP mathematics examination or a score of 6 or higher on Stony Brook's proctored mathematics placement examination satisfies category C.

Category D Understanding the Fine and Performing Arts

1 course

D _____

Required only for Computer Science students who matriculate Spring 2006 or later, and Information Systems students who matriculate Fall 2006 or later.

Category D courses acquaint students with the works of creative artists and performers and their artistic medium, such as art, music, or theatre. The basic terminology, analytical tools used to interpret one of the arts, and representative works in a particular field are examined. Such exposure is essential to intellectual growth and the development of a humanist foundation from which to approach other disciplines.

Disciplinary Diversity: Tier II

This tier consists of D.E.C. categories E through F and should typically be completed before the 57th credit or by the end of sophomore year. This group of requirements exposes students to the modes of thinking, methods of study, and subject matter of major branches of knowledge - natural and physical sciences, social and behavioral sciences, and arts and humanities.

Category E Natural Sciences 2 courses

E _____, _____

Category E courses expand students' knowledge about objects and processes observable in nature, whether animate as in the biological sciences, or inanimate as in the physical sciences of chemistry or physics.

Category F Social and Behavioral Sciences

1 course

F _____

Category F courses focus on individual and group behavior within society. These disciplines use methods such as historical analysis of documents, or survey and interview data, to observe and analyze human activity and society.

Category G Humanities

1 course

G _____

Category G courses examine disciplines and methods that express the way people view the human condition.

Expanding Perspectives and Cultural Awareness: Tier III

This tier consists of D.E.C. H through K. Since courses in these categories are built on

study from Tier I and II, these courses should typically be completed after the 57th credit or after sophomore year, but can be completed at anytime during the undergraduate career, where prerequisites are met. This group of requirements challenges students to confront their own perceptions of the world and the people in it. Courses in these categories build on study in the earlier categories.

Category H Implications of Science and Technology

1 course

H _____

Category H courses are designed to help students understand the social and global implications of science and technology and to examine examples of the impact of science, culture, and society on one another.

Category I European Traditions 1 course

I _____

Category I courses consider the Western cultural tradition through specialized study of a European nation or area from one or more viewpoints (e.g., historical, artistic, social, political).

Category J The World Beyond European Traditions

1 course

J _____

Category J courses increase students' understanding of a nation, region, or culture that is significantly different from the United States and Europe in at least one respect.

Notes:

1. In choosing courses to satisfy D.E.C. I and J, students must choose one with a humanities designator and one with a social and behavioral sciences designator.

Category K American Pluralism 1 course

K _____

Not required for students seeking the Bachelor of Engineering degree, but is required for students seeking a Bachelor of Science or a second Baccalaureate degree in the College of Engineering and Applied Sciences.

Category K courses enable students to build upon their knowledge of diverse traditions in order to examine in detail the role of these traditions in forming American society. Some D.E.C. K courses explore our nation's diversity of ethnic, religious, gender, and intellectual traditions through a multicultural perspective. Others explore the relationship of a specific ethnic, religious, or gender group to American society as a whole.

COLLEGE OF ENGINEERING AND APPLIED SCIENCES

Social and Behavioral Sciences/Humanities Categories for DEC I and DEC J¹

***All CEAS majors when choosing courses to satisfy the D.E.C. I and D.E.C. J requirements *must* select one with a humanities designator and one with a social and behavioral sciences designator.**

**** Please note the departments listed below offer courses that satisfy many DEC requirements. When choosing courses for this rule, be certain they are a DEC I or a DEC J.**

Social and Behavioral Sciences

AAS Asian & Asian American Studies Courses 201, 216, 307, 310, 323, 330, 334, 337, 338, 339, 340, 344, 347, 351, 357, 370, 371, 372, 379, 473	LAC Latin American/Caribbean Culture
AFS African Studies (S indicates SBS)	LIN Linguistics
AMR American Studies 395	POL Political Science
ANT Anthropology	SBC Sustainability Block Curriculum 374
ECO Economic	SOC Sociology
EHM Environmental Hum. Courses 314, 330, 331, 386	WST Women's Studies (excluding 315 & 331)
HIS History	
JDS Judaic Studies	

Humanities

AAS Asian & Asian American Studies Courses 217, 236, 240, 256, 260, 271, 280, 305, 319, 331, 332, 367, 368, 387, 394, 472	HUF French Literature
AFH African Studies (H indicates Hum)	HUG German Literature
ARH Art	HUI Italian Literature
CCS Cinema and Cultural Studies	HUL Romance Languages
CHI Chinese Language	HUR Russian Literature
CLL Classics of Literature	HUS Spanish Literature
CLS Classics	ITL Italian Language
CLT Comparative Studies in Literature	MUS Music
CWL Creative Writing and Literature 330, 340	PHI Philosophy
DAN Dance	RLS Religious Studies
EGL English	SPN Spanish
EUR European Studies 201 only	THR Theatre Arts
FRN French Language	WST Women's Studies 315, 331 only
HUE European Literature	

Additional University Graduation Requirements

Upper Division Credits (Required/Actual*/Needed)
39 / _____ / _____

GPA _____ (minimum cumulative of 2.0 needed)

Total Earned Credits (Required/Actual*/Needed)
_____ / _____ / _____

Letter Graded Coursework (Required/Actual*/Needed)
_____ / _____ / _____

Major: _____

Residency Requirement: After the 57th credit, at least 36 credits must be earned at Stony Brook in order to receive a Stony Brook University degree.

See major department

¹ Updated 3/22/17