

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	Courses 201, 216, 330, 334, 338, 339,347, 351, 357, 370, 371, 372, 379 Asian & Asian American Studies	LAC	Latin American/Caribbean Culture
AFS	African Studies (S indicates SBS)	LIN	Linguistics
ANT	Anthropology	POL	Political Science
CNS	China Studies (Chinese Studies)	SAS	South Asian Studies
ECO	Economic	SOC	Sociology
EHM	Environmental Hum. Courses 314, 330, 331, 386	SSI	Social Sciences Interdisciplinary
HIS	History	WST	Women's Studies (excluding 315 & 331)
JDS	Judaic Studies (S indicates SBS)		

Humanities

AAS	Courses 217, 220, 240, 256, 260, 271, 280, 305, 319, 331, 332, 367, 368, 386, 387, 394 Asian & Asian American Studies	HUI	Italian Literature
AFH	African Studies (H indicates Hum)	HUL	Romance Languages
ARH, ARS	Art	HUM	Humanities courses
CCS	Cinema and Cultural Studies	HUR	Russian Literature
CHI	Chinese Language	HUS	Spanish Literature
CLL	Classics of Literature	ITL	Italian Language
CLS	Classics	JDH	Judaic Studies (H indicates Hum)
CLT	Comparative Studies in Literature	JNH	Japanese Studies (H indicates Hum)
DAN	Dance	JRN	Journalism
EGL	English	KRH	Korean
EUR	201 - European Studies	MUS	Music
FRN	French Language	PHI	Philosophy
GER	German Language	RLS	Religious Studies
HBW	Hebrew Language	RUS	Russian Language
HMC	Health Sciences Center Courses 331, 361	SPN	Spanish
HUE	European Literature	THR	Theatre Arts
HUF	French Literature	WST	Women's Studies 315, 331 only
HUG	German Literature		

¹ Updated 3/29/12