

STONY BROOK UNIVERSITY DEGREE REQUIREMENTS CHECKLIST

This booklet provides the degree requirements for students with majors in the College of Arts and Sciences, College of Business, College of Engineering and Applied Sciences, the School of Journalism, and the School of Marine and Atmospheric Sciences. You can use these pages as a worksheet to keep track of the courses you take to fulfill your degree requirements. **Also, access your Degree Progress Report via the SOLAR System to keep track of the general education requirements.** You are responsible for reviewing and abiding by the University's regulations, requirements, and deadlines as detailed in the *Undergraduate Bulletin*, which can be accessed online at www.stonybrook.edu/ugbulletin

ENTRY SKILLS

All students in the College of Arts and Sciences, the College of Business, the School of Journalism, and the School of Marine and Atmospheric Sciences are expected to show basic competence in mathematics, writing, a foreign language, and American history. Students directly admitted to the majors in the College of Engineering and Applied Sciences must show basic competence in mathematics and writing.

SKILL 1: BASIC MATHEMATICS COMPETENCE

You can satisfy Skill 1 before entering Stony Brook by:

- Earning at least a 75 or higher on the New York State Regents Examination in Sequential Mathematics III while in high school.
- Achieving a score of 530 or higher on the SAT II in mathematics; or a score of 560 or higher on the mathematics portion of the SAT I; or a score of 56 or higher on the mathematics portion of the PSAT; or a score of 23 or higher on the American College Testing (ACT) test in mathematics.

If you have not satisfied Skill 1 before entering Stony Brook, you can satisfy the requirement as detailed in the Degree Requirements section of the *Bulletin*, including:

- Placing at level 3 on the mathematics placement exam. If you do not reach this level, you must enroll in the appropriate course during your first year at Stony Brook.
- Earning a grade of C or higher in the developmental class MAP 103. MAP 101 and 103 classes do not count as credit toward the undergraduate degree.
- Passing with a grade of C or higher a Stony Brook course that meets DEC C or by transferring a comparable course taken at another college.

SKILL 2: BASIC WRITING COMPETENCE

You can satisfy Skill 2 before entering Stony Brook by:

- Passing with a grade of C or higher a college composition course taken on a college campus judged equivalent to WRT 101, 102, or 103. College courses taken at the high school can only be considered for equivalency to WRT 101.
- Receiving a score of 3, 4, or 5 on the AP English Language and Composition or English Language and Literature exam.

If you have not satisfied Skill 2 before entering Stony Brook, you must begin working on the requirement in your first year at Stony Brook. You must take writing courses in sequence in successive semesters until you have satisfied the DEC A requirement. Refer to the Degree Requirement section in the *Bulletin* for further details.

SKILL 3: ELEMENTARY FOREIGN LANGUAGE COMPETENCE Note: Not required for CEAS majors.

You can satisfy Skill 3 before entering Stony Brook by:

- Earning a score of 530 or higher on the SAT II in a foreign language.

- Earning a score of 85 or higher on a third-year high school New York State Regents foreign language examination.
- Earning a score of 85 or higher in a third-year high school foreign language course if your high school does not offer the New York State Regents examination.
- For international students, submitting secondary school transcripts and transcripts from previously attended universities that show a total of two years of formal language study in an institution in which the language of instruction is other than English.

If you have not satisfied Skill 3 before entering Stony Brook, you can satisfy the requirement in one of the following ways:

- Earning a grade of C or higher in the second semester of an elementary foreign language course numbered 101 or 112, or a course at the intermediate level or higher.
- Obtaining equivalent transfer credit in a foreign language course with a grade of C or higher taken at another college.
- Passing a Stony Brook Challenge examination in a foreign language course numbered 101, 112, or higher. Please visit the Academic and Pre-Professional Advising Center, located at E-2360 Melville Library, for further information or go to www.stonybrook.edu/aadvising

Refer to the Degree Requirement section in the *Bulletin* for full details.

SKILL 4: AMERICAN HISTORY COMPETENCE Effective January 2004 for new and matriculating students. Note: Not required for CEAS majors.

You can satisfy Skill 4 before entering Stony Brook by:

- Earning a score of 3, 4, or 5 on the AP U.S. History exam or AP U.S. Government and Politics exam.

If you have not satisfied Skill 4 before entering Stony Brook, you can satisfy the requirement in one of the following ways:

- Earning a grade of D or higher in a Stony Brook course that is designated as meeting the American History competence requirement. Note that some of these courses also satisfy DEC F or DEC K requirements, and can be used as such in addition to fulfilling the Skill 4 requirement.
- Obtaining equivalent transfer credit in a comparable course with a grade of C or higher taken at another college.

DIVERSIFIED EDUCATION CURRICULUM (DEC) College of Arts and Sciences, College of Business, School of Journalism, School of Marine and Atmospheric Sciences

Students are encouraged to visit the Academic and Pre-Professional Advising Center (E-2360 Melville Library) for a formal review of their DEC requirements at least two semesters prior to their expected date of graduation.

UNIVERSITY SKILLS TIER I

This tier consists of DEC 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 **2 courses** English Composition

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 essay 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 **1 course** Interpreting Texts in the Humanities

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 **1 course** Mathematical and Statistical Reasoning

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 Department of Mathematics proctored examination satisfies this requirement.

Category D **1 course** Understanding the Fine and Performing Arts

D _____

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 DEC categories E through G and should typically be completed before the 57th credit or by the end of the 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 **2 courses** Natural Sciences

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 **2 courses** Social and Behavioral Sciences

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 **2 courses** Humanities

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 DEC 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 the sophomore year, but can be completed at any time during the undergraduate career, when 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 **1 course** Implications of Science and Technology

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 **1 course** European Traditions

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 **1 course** The World Beyond European Traditions

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.

Category K **1 course** American Pluralism

K _____

Category K courses enable students to build upon their knowledge of diverse traditions to examine in detail the role of these traditions in forming American society. Some DEC 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.

DIVERSIFIED EDUCATION CURRICULUM (DEC)

College of Engineering and Applied Sciences (CEAS)

Students are encouraged to visit the Undergraduate Student Office (127 Engineering) for a formal review of their DEC requirements at least two semesters prior to their expected date of graduation.

UNIVERSITY SKILLS TIER I

This tier consists of DEC 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 2 courses English Composition

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 essay 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 1 course Interpreting Texts in the Humanities

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 1 course Mathematical and Statistical Reasoning

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 Department of Mathematics proctored examination satisfies this requirement.

Category D 1 course Understanding the Fine and Performing Arts

D

Required only for Computer Science students 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 DEC categories E through G and should typically be completed before the 57th credit or by the end of the 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 2 courses Natural Sciences

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 1 course Social and Behavioral Sciences

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 1 course Humanities

G

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

EXPANDING PERSPECTIVES & CULTURAL AWARENESS TIER III

This tier consists of DEC 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 the sophomore year, but can be completed at any time during the undergraduate career, when prerequisites are met.

This group of requirements challenges students to confront their own perceptions of the world and the people in it.

Category H 1 course Implications of Science and Technology

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 1 course European Traditions

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 1 course The World Beyond European Traditions

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 DEC I and J, students should choose one with a humanities designator and one with a social and behavioral sciences designator.

Category K 1 course American Pluralism

K

Not required for students seeking the Bachelor of Engineering degree, but is required for students seeking a second baccalaureate degree in CEAS.

Category K courses enable students to build upon their knowledge of diverse traditions to examine in detail the role of these traditions in forming American society. Some DEC 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.

