

Fall 2017 SEBS First Year Student School Core Requirements – Course Selection List

The SEBS Core Curriculum establishes common goals that, along with a major and experience based education, prepares SEBS graduates for successful lives and careers based on a critical understanding of the natural environment, human behavior, and the individual's role in diverse societies. They prepare our students to be global citizens, creative problem solvers, and strong leaders. Progress in meeting the core is not measured in the number of classes completed, but in the range and number of goals achieved in courses specifically designed to meet Core goals.

There are four primary Areas of Focus under the Core:

- 1) 21st Century Challenges (**21C**)
- 2) Experience Based Education (**EBE**)
- 3) Areas of Inquiry (includes Natural Science (**NS**), Social Analysis (**SCL**), Historical Analysis (**HST**), Arts & Humanities (**AH**))
- 4) Cognitive Skills & Processes - Writing & Communication (**WCd**), Quantitative & Formal Reasoning (**QQ, QR**), and Information Technology & Research (**ITR**)

Each of these has a set of goals outlining things students will be able to do upon graduating. The Core courses listed here are specially selected to get you started in meeting the goals of your Rutgers education.

Students will complete 128 credits (159 CREDITS FOR 5YR. BIOENV. ENG'G) which will include meeting the goals of the SEBS Core + a SEBS Major + experience based education in the field of study to meet the graduation requirements.

This is not a comprehensive list of general education courses that will fulfill the Rutgers SEBS School Core Requirements. These are the 100 and 200 level courses recommended for first-year students; 300 and 400 level are designed for Juniors and Seniors and do not appear here.

Course descriptions for all university courses can be found in the Rutgers – New Brunswick Undergraduate Catalog: http://catalogs.rutgers.edu/generated/nb-ug_current/index.html.

Natural Sciences (NS) is fulfilled automatically for all students whose majors require both General Biology and Chemistry or Principles of Biology 103 and General Chemistry. Students will be automatically registered for these based on Rutgers Placement and Major Departmental Requirements. Majors not requiring these classes will take courses in two of the following areas – physical, biological or environmental science.

Cognitive Skills & Processes (QQ, QR, ITR) courses will be automatically registered based on Rutgers Placement Test and Major Departmental requirements.

Instructions for Use:

- 1) **Select four classes from the list and enter the course number (eg.11:374:101) and title (Intro to Human Ecology) on the Course Selection Form (CSF) under the core/elective courses section. If selecting a foreign language simply list the name of the language and either “no prior knowledge” or “placement by exam”.**
- 2) **Do not re-list any class that already appears in your “Faculty Recommended Classes” list.**
- 3) **You will only be registered for four or five classes total – 14 -16 credits. Priority is given to major required, math, the writing class, then to special program courses, then to core/elective classes. You need to list extra classes in case a course is full or times conflict.**

Recommended First-year Elective Courses

These courses fulfill areas of your SEBS Core Requirements

Department	Course Number	Course Title	Core Goal(s) Covered
Ecology, Evolution, Nat'l Res	11:216:115	Evolution of Sex & Gender in Animals (3)	21C, NS
Economics	11:373:101	Economics, People, Env. (3)	21C, SCL - Economic
Economics	11:373:121	Princ & Apps Microeconomics (3)	SCL – Economic
Env. Policy Inst & Behaviors	11:374:101	Intro to Human Ecology (3)	21C, SCL-Social/Cultural
Env. Policy Inst & Behaviors	11:374:175	Energy and Society (3)	21C, SCL-Social/Cultural
Env. Policy Inst & Behaviors	11:374:279	Politics Environmental Issues (3)	21C, SCL –Govt/Regulatory
Environmental Science	11:375:101	Intro to Environmental Science (3)	21C, NS - Env
Food Science	11:400:106	Food as Medicine (3)	NS
Landscape Architecture	11:550:230	Environmental Design Analysis (3)	21C, AHp
Landscape Architecture	11:550:237	Visualization I - Drawing (3)	AHr
Marine Science	11:628:221	Human Interaction w/ Coastal Ocean (3)	21C, NS
Meteorology	11:670:101	Intro to Meteorology (3)	Major, NS - Phys, ITR
Microbiology	11:680:101	Living in the Microbial World (3)	21C, NS - Bio
American Studies	01:050:101	Intro to American Studies (3)	AHo or AHp
American Studies	01:050:228	The Contemporary American (3)	AHp, SCL – Social/Cultural
American Studies	01:050:259	Popular Culture (3)	AHo or AHp
Classics	01:190:207	Greek & Roman Mythology (3)	AHp
English: Creative Writing	01:351:211	Creative Writing (3)	AHr
History, American	01:512:103/104	Development of the US I or II (3)	HST
History, General/Comp	01:506:101	World History I (3)	HST
International Studies	01:558:101	Global Awareness: Int'l & Global Stds (3)	21C
Jewish Studies	01:563:201	Jewish Society & Culture I (3)	HST
Latin American Studies	01:590:101	Latin America: An Introduction (3)	HST, SCL, 21C
Philosophy	01:730:101	Logic, Reasoning, and Persuasion (3)	AHo
Political Science	01:790:101	Nature of Politics (3)	SCL – Govt/Regulatory
Religion	01:840:101	Gods, Myths, Religions - Secular Age (3)	21C, AHo
Religion	01:840:112	Death and Afterlife (3)	AHo
Sexuality Studies	01:888:290	Introduction to Critical Sexualities	21C
Theater Arts	07:965:211	Theater Appreciation (3)	AHp or AHo
Women's & Gender Studies	01:988:101	Intro to Gender, Race, and Sexuality (3)	21C

Exploratory Courses

These courses may not fulfill areas of your SEBS Core requirements, but may be appropriate to take if you would like explore a new area of interest.

Department	Course Number	Course Title	Core Goal(s) Covered
Africana Studies	01:014:103	Introduction to Africana Studies (3)	Elective Credit
Agriculture & Food Systems	11:020:210	Intro to Agriculture & Food Systems (3)	Major, Elective Credit
Communication & Info	04:189:101	Intro Communications & Info Processes (3)	AHo, AHq, SCL
Communication & Info	04:189:102	Introduction to Media	Elective Credit
Education	11:300:101	Intro to Professional Youth Work (1)	Elective Credit
Entomology	11:370:202	The World of Insects (3)	Elective Credit
Marine Science	11:628:120	Intro. to Oceanography (3)	NS - Env
Nutritional Sciences	11:709:101	Nutrition for Today (1)	Elective Credit
Plant Science	11:776:211	Introduction to Horticulture (3)	Major, Elective Credit
Policy, Health, and Admin.	10:775:101	Intro to Planning, Policy, & Health (3)	SCL – Social/Cultural
Psychology	01:830:101	General Psychology (3)	SCL – Social/Cultural
Public Health	10:832:201	Principles of Public Health (3)	Major, QQ, SCL – Soc/Cult
Social Justice	01:904:201	Into to Social Justice (3)	Elective Credit
Sociology	01:920:101	Introduction to Sociology (3)	21C, SCL – Social/Cultural

Languages Taught at Rutgers

(List language name on course request form, then either “No prior knowledge” or “Placement by Exam”.)

Courses below do not necessarily fulfill Core goals, but are encouraged.

Students with prior knowledge, who are seeking to continue studies in a language, must complete a Foreign Language Placement Exam. Students beginning a new language may begin at the elementary/first year level. No credit granted for elementary level language, if studied it two or more years in high school. Rutgers offers courses in the following modern foreign languages:

Arabic	Hindi	Spanish
Armenian	Hungarian	Swahili
Bengali	Italian	Turkish
Chinese	Japanese	Twi
Filipino	Korean	Ukrainian
French	Persian	Urdu
German	Polish	Vietnamese
Greek (Modern)	Portuguese	Yiddish
Hebrew	Russian	Yoruba

Some languages at the Intermediate/Second Year level may count toward the Arts & Humanities (AHq) requirement. Check the SEBS Core List (sebs.rutgers.edu/core) for a full listing of approved Intermediate level courses.