

# RUTGERS COLLEGE



Information on the following subjects may be found in the General Information section at the back of this catalog: Student Life and Services, Admission, Tuition and Fees, Financial Aid, and University Policies and Procedures.

Web Site: <http://rutgerscollege.rutgers.edu>

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# History and Aims of the College

Chartered as Queen's College on November 10, 1766, Rutgers was the eighth institution of higher education founded in the colonies prior to the American Revolution. King George III of Great Britain granted the charter in response to a petition presented by the education-minded Dutch settlers of New Jersey and New York. While no copy of the original document has survived, a second charter granted in 1770 provides for the "education of youth in the learned languages, liberal and useful arts and sciences." The first students were enrolled in 1771 to work under a single tutor, and the first student to graduate received his degree in 1774.

In the years immediately following its founding, Queen's College continued to carry out the charter's provisions, except for brief periods during the Revolutionary War when the two tutors then in residence departed for civil and military service. These were hectic years for the institution as the British troops made periodic forays into the New Brunswick area, forcing faculty and students to find temporary quarters at various points in Somerset County. Continental troops were active in the vicinity as well. On the knoll now occupied by Old Queen's, the university's central administration building, Colonel Alexander Hamilton commanded a battery of artillery that harassed the British during Washington's retreat from New York in 1776.

In the college's early history, religion played a major role. All forms of recreation were forbidden on the Sabbath, and students were confined to their rooms throughout the day except for required attendance at morning and evening

church services. They wore black academic robes on such occasions, as they did to all official college functions. Students were required to doff their hats upon meeting the president or a member of the faculty.

In 1825, the name of the school was changed to Rutgers College in honor of Colonel Henry Rutgers, a veteran of the Revolution, "as a mark of respect for his character and in gratitude for his numerous services" to the institution.

Rutgers is the only institution in the country to include in its heritage the colonial college of the eighteenth century, the land-grant tradition of the nineteenth century, and the development of the modern state university. With its present enrollment of more than 11,000 students, Rutgers College is the largest residential college in the university.

Rutgers College, committed to maintaining its long-standing tradition as a liberal arts institution, has as its mission the promotion of excellence in undergraduate education. The fellows of Rutgers College have developed a distinctive educational design based on breadth and depth in traditional liberal arts and sciences disciplines.

General education is that part of the curriculum required of all Rutgers College students—the common denominator of the liberal studies experience. It is knowledge that continues to provide students with the possibilities for common educated discourse, and that continues to prepare them for citizenship and for leadership in a democratic and pluralistic society.

Rutgers College students are encouraged to explore many different subjects. Its graduates are expected to (1) be able to communicate in the English language; (2) possess the quantitative skills needed to comprehend modern society; (3) be acquainted with the scientific method and have a knowledge of at least one natural science; (4) be familiar with basic concepts of social science and have a knowledge of at least one of its disciplines; (5) have had exposure to the humanities through the study of the works of creative individuals; (6) have a knowledge of at least one non-Western culture; and (7) have studied a foreign language.

# Academic Policies and Procedures

*Note:* See also the University Policies and Procedures chapter in the General Information section for regulations that pertain to all the undergraduate colleges at Rutgers University in New Brunswick/Piscataway.

## STUDENT RESPONSIBILITY TO KEEP INFORMED

In addition to the material in this catalog, Rutgers College students are responsible for information in the *Undergraduate Schedule of Classes* and the Official Notices posted each week on the Rutgers College web site (<http://rutgerscollege.rutgers.edu>), notices sent to campus post office boxes, and official announcements sent or posted electronically. Rutgers College students also are responsible for keeping the college informed. Students should regularly update important contact information with the university registrar or online at <http://acs.rutgers.edu/apps/studweb.htm>.

## ACADEMIC CREDIT

### Advanced Placement

Rutgers College awards degree credit for advanced placement examination scores of 4 and 5. Credit is not given for grades of 3, 2, or 1. Credit earned by advanced placement is not computed in the cumulative grade-point average.

### College Level Examination Program (CLEP)

Students who have taken the College Level Examination Program tests may have the scores and essay tests forwarded to the college for evaluation by the appropriate academic departments. However, Rutgers College generally does not award credit for CLEP exams.

### International Baccalaureate Examinations (IB)

Rutgers College awards degree credit for International Baccalaureate Higher Level scores of 7, 6, and 5. Credit is not given for grades of 4 or lower or for Subsidiary/Standard Level exams. Credit earned by IB is not computed in the cumulative grade-point average.

### Experiential Learning

Rutgers College does not award credit for life or career experience.

### Proficiency Examinations

With the approval of the academic dean and the department concerned, students may pay a fee and take a proficiency

examination in a limited number of courses offered by the faculty. Degree credit is given for grades of A and B. For courses passed by proficiency exam, the grade is not computed in the cumulative grade-point average. Proficiency examinations are not allowed after failure in a course or in courses where the principal content is laboratory or creative work. Proficiency examinations may not be taken in English composition, military education, minicourses, or independent study courses.

### Transfer Credit from Institutions Other Than Rutgers

Students who transfer from other institutions or who, while matriculated at Rutgers College, take approved courses at other properly accredited institutions, may receive degree credit for academic courses passed with a grade of C or better. A maximum of 60 credits may be transferred from community colleges.

For students who complete courses in high school that are reported on a college transcript, a maximum of 16 credits may transfer, with no more than two courses in a given term.

Rutgers College does not transfer credit for courses passed by examination at other institutions or for correspondence or online courses. Transfer credits and grades from institutions other than Rutgers, The State University of New Jersey, are not included in the cumulative grade-point average. However, credits and grades for courses at other divisions of the university are included in the cumulative grade-point average.

Students may not transfer credit earned at other institutions during a fall or spring term in which they are concurrently taking courses at Rutgers.

### Credit for Prerequisites

Students are not permitted to take or repeat courses that are prerequisites to courses already passed with a grade of D or better. For example, a student may not take or repeat Precalculus after having passed Calculus I.

## REGISTRATION AND COURSE INFORMATION

### Academic Advising

Students are urged to select their program in consultation with an academic adviser. The Office of Academic Services at Rutgers College provides academic advising by faculty members selected from various disciplines in the humanities, social sciences, and science/mathematics areas. The board of general advisers in the Office of Academic Services serves students with undeclared majors and addresses questions regarding the college general education requirements (see Degree Requirement chapter). Students with declared majors are advised in the department of their major. Each student is responsible for fulfilling major, minor, and general education requirements of the college. First-year students receive academic advising and select their fall term courses during academic orientation in May.

## Registration

Registration for matriculated students begins in late October or early November for the following spring term and in March for the following fall term. Matriculated students register online at <http://webreg.rutgers.edu> or using the Rutgers Touchtone Telephone Registration System (RTTRS). Registration is completed upon full payment of tuition and fees by the announced deadline, prior to the start of the term. The university reserves the right to restrict registration in all courses offered and, when necessary, to cancel courses previously announced. See the Tuition and Fees chapter for further information about registration.

**Change of Courses.** Rutgers College strictly adheres to all registration policies and deadlines. See the University Policies and Procedures chapter for drop/add procedures.

**Intercollege Registration.** Intercollege registration for a single term in Camden College of Arts and Sciences or Newark College of Arts and Sciences may be allowed in unusual situations and must be approved by the dean of instruction.

Students may not register for courses at other institutions during a fall or spring term in which they are taking courses at Rutgers.

## Course Load

Students may register for between a minimum of 12 credits and a maximum of 20.5 credits per term. Students on academic probation for the first time may carry a maximum of 16 credits. Students on continued probation or who have been readmitted after dismissal may carry a maximum of 13 credits. Only in cases of extreme hardship and with approval of the dean of instruction may a student carry a part-time credit load of less than 12 credits.

## Withdrawal and Readmission

**Withdrawal.** Students may withdraw from the college with grades of *W* through the 12th week of the term. Students wishing to withdraw must obtain the signatures of an academic dean, student services dean, and the Office of Financial Aid (if applicable) and then submit a completed withdrawal form to the university registrar.

**Readmission.** Students who interrupt their registration in the college for whatever reason may seek readmission in the Office of Academic Services. Students who have been dismissed because of poor academic performance may be asked to improve their average in the Rutgers–New Brunswick Summer Session before they are considered for readmission. Students usually are not readmitted after a second dismissal action. Readmission applications must be submitted by December 1 for the spring term and August 1 for the fall term.

## Course Information

**Foreign Language Courses.** Students with two or more years of a foreign language in high school or whose native language is other than English may not receive degree credit for elementary courses (course numbers 101–102) or courses numbered below their placement in that language. Degree credit in that language begins with an intermediate or review course even if the Rutgers Placement Test indi-

cates elementary level placement or if there has been a hiatus in language study.

Students planning to continue study of the foreign language they took in high school or students whose native language is other than English must take a placement test before registering for continued study in that language. The appropriate-level course at which they may begin receiving academic credit will be determined by the department.

**Graduate Courses.** Seniors may register for graduate courses with the approval of the graduate director, the dean of academic affairs of the graduate school in question, and the Rutgers College dean of instruction. Approval generally is not given unless the student has a cumulative grade-point average of 3.0 or better and senior standing.

**Independent Study Courses.** Registration for independent study is limited to students who have completed introductory courses in the discipline and have received faculty approval. Students may take a maximum of 12 credits of fieldwork, independent study, and/or internship exclusive of credit earned for a Henry Rutgers thesis. Students wishing to register for more than 8 credits of independent study in any one term must have the approval of an academic dean. Rutgers College does not award degree credit for volunteer activity with public or private organizations such as NJPIRG.

**Internships.** Students may take a maximum of 12 credits of fieldwork, independent study, and/or internship exclusive of credit earned for a Henry Rutgers thesis. Rutgers College students whose internship requires acknowledgement of registration may be eligible for 1 *E*-credit registration through Rutgers College. See the Office of Academic Services in Milledoler Hall for details. Rutgers College students only may receive credit for unpaid internships and may not receive financial compensation from the internship sponsor.

**Minicourses.** Minicourses are offered for seven weeks. Students may not register for more than four minicourses in a given term or for more than eight during the full degree program.

**Pass/No Credit Courses.** Seniors may take one elective course each term on a *Pass/No Credit* basis. Grades of *A*, *B*, and *C* correspond to *Pass*; grades of *D* and *F* to *No Credit*. Courses taken in fulfillment of major, minor, and general education requirements of the college may not be taken on a *Pass/No Credit* basis. The *Pass/No Credit* option may not be exercised if the course potentially will satisfy an outstanding degree requirement. Forms to request the *Pass/No Credit* option are available in the Office of Academic Services or online at <http://rutgerscollege.rutgers.edu/forms.htm> and must be submitted by the end of the fourth week of the term. Students who wish to exercise the *Pass/No Credit* option for a 6-week summer course must complete the application within 10 calendar days of the beginning of the course.

**Physical Education Courses.** One- and 2-credit individual and team activities courses may be taken for degree credit only by students majoring in exercise science and sport studies.

**Repeated Courses.** Students may not repeat, for degree credit, courses bearing the same or equivalent course numbers.

**Grades of F:** In general, when a course is repeated in which the student previously earned a grade of *F*, both the original grade of *F* and the new grade remain on the transcript and in the cumulative grade-point average. However, for up to four courses totaling no more than 12 credits, the grade of *F* will be removed from the cumulative grade-point average if the student repeats a failed course. The original grade of *F* will remain on the transcript with an *E* prefix attached; the repeated grade will have an *R* prefix attached. This policy may be applied anytime during the undergraduate years, but only once for a given course. The course must be repeated at Rutgers University. If the student fails the course a second time, only the second *F* will enter the cumulative grade-point average. This policy may not be applied to disciplinary grades of *F*. Use of this policy to remove a grade of *F* from the cumulative grade-point average does not qualify a student for retroactive nomination to the Dean's List nor does it rescind unsatisfactory scholastic standing status.

**Grades of D:** If a student earns a grade of *D* and repeats the course, credits and grades are computed in the cumulative grade-point average for both courses, but credit is subtracted from the degree-credit total for the repeated course; the repeated grade is denoted by the addition of a *K* prefix. If the student receives a grade of *D* when taking a course for a second time and chooses to repeat the course yet again, all three grades are computed into the cumulative grade-point average, but the student receives degree credit only once.

**Grades of C and above:** If a student earns a grade of *C* or better and chooses to repeat the course, it must be repeated for *E* credit. The *E* prefix indicates no credit earned toward the degree and no grade computed in the cumulative grade-point average.

**Summer and Winter Courses.** Students in good academic standing may register for the Summer Session at the university via WebReg through the Rutgers Touchtone Telephone Registration System (RTTRS). Students may register for Winter Session courses online at the Winter Session Registration web site. However, it is recommended always that students consult with an adviser when selecting courses. Students wishing to take courses at other institutions must seek prior approval from departments offering similar courses at Rutgers and from an academic dean. Transfer approval forms are available online at <http://rutgerscollege.rutgers.edu/transreg.htm> and from the Office of Academic Services in Milledoler Hall. Students may earn no more than 1 credit per week during the Winter and Summer Sessions.

### Declaration and Change of Major and Minor

**Declaration of Major and Minor.** Students normally declare their major and minor in the second term of their sophomore year by submitting a major/minor declaration form to the Office of Academic Services in Milledoler Hall or online at <http://rutgerscollege.rutgers.edu/majordec.htm>.

**Change of Major or Minor.** Students wishing to apply for a change of major or minor should complete the appropriate form in the Office of Academic Services or online at <http://rutgerscollege.rutgers.edu/majordec.htm>.

## SCHOLASTIC STANDING

The student's scholastic standing is determined by his or her cumulative and/or term grade-point average. See the University Policies and Procedures chapter for information about the computation of the cumulative grade-point average and other grading regulations.

### Class Year/Anticipated Graduation Date

A student's class year is determined by the predicted year and month of graduation. By default, students are assigned to a class based on the number of credits they have completed by September 1. Students are classified according to the number of credits they have completed by September: first-year students, 0–21 credits; sophomores, 22–53 credits; juniors, 54–83 credits; and seniors, 84–120 credits. It is assumed that a student intends to graduate after completing the spring term (graduation month 05) of their class year. Students intending to graduate after the fall term (graduation month 01) or after the Summer Session (graduation month 10) must inform the Office of Academic Services of their intentions prior to the first day of their last term of registration. Students are not permitted to pre-register for the term after their anticipated graduation date.

Students are reviewed for graduation eligibility based on their declared class year and graduation month. Therefore, it is essential that students keep the Office of Academic Services informed of their anticipated graduation year and month. Students may reclassify their graduation year and month by submitting a reclassification request online at <https://rutgerscollege.rutgers.edu/reclass.htm> or by coming into the Office of Academic Services in Milledoler Hall.

### Dean's List

The Dean's List is determined by a term grade-point average of 3.5 or better based on not fewer than 11.5 credits with letter grades (*Pass/No Credit* and *E* credits are excluded). Exercising the repeated course option does not qualify a student for retroactive nomination to the Dean's List.

### Poor Academic Performance

**Academic Review.** At the end of each term, the Committee on Scholastic Standing, composed of faculty fellows and deans' representatives, reviews and may take action on the record of every student whose term or cumulative grade-point average is below 2.0. The committee may dismiss a student from the college or place a student on probation or on continued probation (probation for a second consecutive term). All such students are notified in writing. However, all students are responsible for monitoring their academic record and performance.

**Probation.** Students are placed on academic probation when the term grade-point average is lower than 2.0 but above 1.349. A student receives written notification of probationary status. While on academic probation for the first time, a student is limited to a maximum course load of five courses totaling no more than 16 credits. A student on continued probation (probation for a second consecutive term) may take a maximum of four courses totaling no more than 13 credits. Students placed on academic probation or continued probation may be required to participate in programs designed to help them return to good academic standing.

**Dismissal.** Students ordinarily are dismissed when the term grade-point average is less than 1.350, regardless of their cumulative grade-point average or preceding term grade-point average. There are no automatic dismissals for first-year students in their first term. Students also may be dismissed if they have a probationary term grade-point average for three consecutive terms or if their cumulative grade-point average at the end of the academic year is less than the following: first year, 1.5; sophomore year, 1.7; junior year, 1.9; and senior year, 2.0. For the purposes of scholastic standing, grades reported as *TZ*, *TF*, or *NG*, and blank grades are calculated into the student's term grade-point average as *F*. Dismissed students are notified in writing.

**Appeal.** Students dismissed from Rutgers College by the Committee on Scholastic Standing may appeal, in writing, within 10 days of the date of the letter of dismissal. Grounds for appeal include technical error or extenuating circumstances. Students are allowed to present information to the committee only in writing. The letter of appeal must be written by the student without the assistance of a legal adviser or an attorney, must state the reasons for the appeal, and should be accompanied by appropriate documentation. The decision of the committee is final. Students are notified in writing within one week of the committee's decision. Appeals that arrive after the deadline may be deferred until the next scheduled committee review.

**Readmission.** Students who have been dismissed are asked to improve their average in the Rutgers–New Brunswick Summer Session before they are considered for readmission. Students registering for Summer Session courses to satisfy these readmission requirements are advised to consult an academic adviser when selecting Summer Session courses. Students who gain readmission by attending Rutgers' Summer Session must pursue full-time study and earn a 2.0 term grade-point average in a maximum of 13 credits in their next term of attendance. Students ordinarily are not readmitted after a second dismissal action. For readmission deadlines, contact the Office of Academic Services.

**Senior Warning.** In order to graduate, a student must have a cumulative grade-point average of 2.0 or better and at least a 2.0 average in every term from the 84th credit on. Seniors who fail to meet these requirements may be asked by the Committee on Scholastic Standing to take additional courses to meet prescribed grade-point averages.

## DISCIPLINARY HEARING PROCEDURES

The Board of Governors of Rutgers, The State University of New Jersey, has established a list of offenses that may result in separation from the university. These offenses are handled through the University Code of Student Conduct. (See the University Policies and Procedures chapter.) In addition, each college has a hearing procedure for use in instances where charges against a student are not of sufficient gravity to lead to separation from the university. The Rutgers College hearing procedure is published in the *Student Guide* publication distributed to all Rutgers College students. Lists of the separation and nonseparation offenses and details on the hearing procedures also are available in the Office of Judicial Affairs.

# Degree Requirements

## REQUIREMENTS

### Credits and Residency

Students must complete a minimum of 120 credits, including their declared major and minor, and the general education requirements outlined below. Each student is responsible for meeting these requirements and for attending classes, completing all assignments and examinations, and maintaining academic integrity.

Students matriculated at Rutgers College must earn 30 of their last 42 credits while registered at the college and attending classes in New Brunswick. Students who transfer into Rutgers College with senior status must earn a minimum of 30 credits while registered as Rutgers College students in order to receive a bachelor's degree from the college.

### General Education Requirements

#### A. Writing Skills

- 01:355:101 Expository Writing or its equivalent. Students with a grade of 4 or 5 on the Advanced Placement Test are awarded degree credit for 01:355:101. With the exception of transfer students, all students must take this course at Rutgers–New Brunswick/Piscataway.
- An additional course, beyond 01:355:101 Expository Writing, selected from a list approved by the Rutgers College curriculum committee and distributed to first-year and transfer students and posted on the Rutgers College web site. With the exception of courses equivalent to 01:355:102 or 201 taken prior to matriculation at Rutgers University, the second writing course must be taken at Rutgers–New Brunswick/Piscataway.

In addition to 01:355:101 Expository Writing, 01:355:098 Composition Skills and 01:355:100 Basic Composition are graduation requirements for students who, in the judgment of the Department of English, show need for additional work in composition. Beginning with the writing course identified by the Department of English, students must register for and complete composition courses in consecutive terms, with no hiatus, until they have passed 01:355:101 Expository Writing. Students who fail either 01:355:100 or 01:355:101 two times may register only for English 100 or 101 until they successfully complete the course.

English 01:355:098, 100, and 101 do not fulfill any other general education, major, or minor requirements.

#### B. Quantitative Skills

Two courses selected as follows:

- One course in college-level mathematics. This requirement may be satisfied by (a) placing into first-term calculus on the Rutgers Math Placement Test; *or* (b) passing one of the following:  
01:640:103 Topics in Mathematics for the Liberal Arts  
01:640:104 Elementary Combinatorics and Probability

- 01:640:105 Introduction to Linear Mathematics  
01:640:112 Precalculus II  
01:640:115 Precalculus College Mathematics
2. One additional course selected from the following:
- a. a second course from among those listed above
  - b. 01:640:135 Calculus I (or higher level calculus course)
  - c. 01:070:335 Analysis of Archaeological Data
  - d. 01:070:395 Archaeological Data
  - e. 04:192:300 Communication Research
  - f. 05:300:350 Education and Computers
  - g. 01:377:275 Statistical Approaches to Exercise Science
  - h. 01:450:319 Quantitative Methods in Geography
  - i. 01:450:320 Spatial Data Analysis
  - j. 01:450:330 Geographical Methods
  - k. 01:730:201 Introduction to Logic
  - l. 01:790:300 Intro to Political Science Methods
  - m. 01:830:200 Quantitative Methods in Psychology
  - n. 10:832:241 Computer Applications in Health Research
  - o. 01:920:311 Intro to Social Research
  - p. 01:920:312 Computer Analysis of Social Science Data
  - q. 10:975:205 Basic Statistical Methods for Urban Studies and Community Health
  - r. subject 198 all courses in Computer Science
  - s. subject 960 all courses in Statistics

The list of courses fulfilling the quantitative skills requirements can be obtained from the Office of Academic Services and is posted on the college web site.

Students whose math placement test shows that they need to complete remedial math courses (01:640:025 or 026) must begin remediation in their first term at the college and must register for and complete remedial courses in consecutive terms, with no hiatus, until they have passed 01:640:026 Intermediate Algebra or 01:640:027 Elements of Algebra.

Courses taken in satisfaction of the quantitative skills requirement may be used to fulfill major or minor requirements.

### C. Natural Science

Two courses of at least 3 credits each, in the same subject, chosen from: life sciences (115, 119, 146, 447, 694), chemistry (160), ecology and natural resources (704), environmental science (375), geological sciences (460), meteorology (670), microbiology (680), or physics (750). Independent study, internships, and research courses may not be used to fulfill this requirement.

### D. Social Science \*

Two courses of at least 3 credits each, in the same subject, chosen from: anthropology, economics, geography, history, political science, psychology, or sociology. Independent study, internships, and research courses may not be used to fulfill this requirement.

### E. Humanities \*

Two courses of at least 3 credits each, in the same subject, chosen from: African languages and literatures, Armenian,

art history, Chinese, classics, comparative literature, English, French, German, Greek, Hebrew, Hindi, Hungarian, Italian, Japanese, Korean, Latin, linguistics, music, philosophy, Polish, Portuguese, religion, Slavic languages and literatures, or Spanish. Independent study, internships, and research courses may not be used to fulfill this requirement.

### F. Non-Western Requirement

One course of at least 3 credits focusing on the non-Western world selected from a list approved by the Rutgers College curriculum committee and distributed to all first-year and transfer students and posted on the college web site. This course also may be used in partial satisfaction of requirements A, C, D, or E above.

Courses taken in satisfaction of requirements B, C, D, E, and F above also may be used to fulfill major and minor requirements.

### Completion of a Major and a Minor

Students must declare and complete a major from among the disciplines and requirements listed in the Programs of Study chapter in this section. Students must declare a major and minor by the 60th credit and are expected to be making progress toward completing the requirements of their major and minor by the end of their junior year. Students may declare their major and minor by submitting a declaration of major/minor form to the Office of Academic Services or online at <http://rutgerscollege.rutgers.edu/majordec.htm>. Students whose major is in a non-liberal arts discipline are restricted to selecting a liberal arts minor. See the Programs of Study chapter for details.

### Recommendation on Foreign Language Proficiency

Rutgers College recommends that its students establish proficiency in a foreign language in one of the following ways: (1) by completing a fourth-term Rutgers course, or its equivalent at another institution, in one foreign language, or (2) by achieving a placement test result beyond the fourth college term.

If students continue a language previously studied or that is their native language, placement is determined by the language department on the basis of a placement test. Students may not receive degree credit for courses numbered 101–102 or courses numbered below their placement in a language they previously studied for two or more years in high school or claim as their native language.

### Second Baccalaureate Degree

A student who holds a credential equivalent to the baccalaureate degree in the United States from an accredited institution other than Rutgers University may pursue a second bachelor's degree at Rutgers College. Second degree candidates must complete a minimum of 45 credits beyond those required for the initial degree, including all requirements for the new major and three liberal arts courses in a subject unrelated to the major. A minimum of 30 credits must be completed as a Rutgers College student.

Two baccalaureate degrees may not be earned concurrently except through approved dual-degree programs, such as that between Rutgers College and the School of Engineering. Students who graduate from Rutgers College after completing more than one major do not earn additional degrees.

\* The following interdisciplinary departments offer courses that may fulfill either the humanities or social science requirement, provided the courses are not cross-listed: Africana studies; American studies; European studies; Jewish studies; Puerto Rican and Hispanic Caribbean studies, and women's and gender studies. If a course is cross-listed with another department, the course counts in the area of the cross-listed department. Students may not use four courses from the same interdisciplinary department to fulfill both the humanities and social science requirements.

## GRADUATION

Degrees are conferred at the annual commencement at the end of the spring term. Only students who have completed all degree requirements and a minimum of 120 credits may participate in the graduation ceremony. Students completing degree requirements in October (after Summer Session) or January (after the fall term) will receive a letter of completion to be used in lieu of a diploma until the next commencement exercises. Diplomas will be available at the Office of the Registrar after the commencement date. All desired undergraduate credentials must be earned prior to the date of graduation.

# Programs of Study

## MAJORS

Students must declare and complete a major from among the following disciplines, as well as a minor from among those listed under "Minors." If a student majors in a non-liberal arts subject, then the minor must be selected from the liberal arts minors. Liberal arts disciplines are identified by an asterisk (\*).

Additional information is available at <http://rcoas.rutgers.edu/declmjr.html>.

Accounting	Jewish Studies *
Africana Studies *	Journalism and Media Studies
American Studies *	Labor Studies and Employment Relations
Anthropology *	Latin American Studies *
Art History *	Linguistics *
Astrophysics *	Management
Biochemistry * †	Management Science and Information Systems
Biological Sciences * †	Marine Sciences *
Biomathematics *	Marketing
Cell Biology and Neuroscience * †	Mathematics *
Chemistry *	Medieval Studies *
Chinese *	Microbiology * †
Classics *	Middle Eastern Studies *
Communication	Molecular Biology and Biochemistry * †
Comparative Literature *	Music *
Computer Science *	Philosophy *
Criminal Justice *	Physics *
Dance	Planning and Public Policy
East Asian Languages and Area Studies *	Political Science *
Economics *	Portuguese *
English *	Psychology *
European Studies *	Public Health
Evolutionary Anthropology *	Puerto Rican and Hispanic Caribbean Studies *
Exercise Science and Sport Studies	Religion *
Finance	Russian *
French *	Sociology *
Genetics * †	Spanish *
Geography *	Statistics *
Geological Sciences *	Statistics/Mathematics *
German *	Theater Arts
History *	Visual Arts
History/French *	Women's and Gender Studies *
History/Political Science *	
Information Technology and Informatics	
Italian *	

A bachelor of arts degree is conferred for all majors except the following, for which a bachelor of science degree is awarded: accounting; astrophysics; biochemistry;

\* Liberal arts discipline.

† Students may major in only one of the following subjects: biochemistry, biological sciences, cell biology and neuroscience, genetics, microbiology, and molecular biology and biochemistry.



evolutionary anthropology; exercise science and sport studies; finance; geological sciences; management; management science and information systems; marine sciences; marketing; microbiology; and public health. Either a bachelor of arts degree or a bachelor of science degree is available in the following subjects: computer science and physics. For subjects offering both a bachelor of arts and a bachelor of science degree, students may not graduate with a bachelor of arts degree, then return to complete the courses necessary for a bachelor of science degree. All courses required for the desired degree must be completed at the time of graduation. For information, see the departmental listing in the Programs of Study chapter.

### Individualized Major

Students who wish to pursue a major other than those regularly available may make an application in writing for an individualized major to the dean's office of the appropriate faculty no later than the first term of the junior year. Information about how to apply is available at the Office of Academic Services. See Individualized Major in the Programs of Study for Liberal Arts Students section for further information.

## MINORS

In addition to the major, students must complete a minor from among the disciplines listed below.

1. The major and the minor may not be selected from the same academic department.
2. A maximum of one course may overlap and be used to fulfill both major and minor requirements.
3. If the major is in a liberal arts discipline, identified under "Majors" by an asterisk, the minor may be in any subject available.
4. If the major is in a non-liberal arts subject, then the minor must be selected from the liberal arts minors listed below.
5. Students majoring in a subject offered by the Rutgers Business School: Undergraduate–New Brunswick (010, 390, 620, 623, 630) must select a minor other than economics from the liberal arts minors.
6. Students majoring in biochemistry, biological sciences, biomathematics, cell biology and neuroscience, genetics, microbiology, or molecular biology and biochemistry may not select biological sciences as a minor.

The requirement for a minor will be waived for students completing multiple majors when at least one of the majors is in a liberal arts subject.

### Liberal Arts Minors

African Area Studies	Chemistry
Africana Studies	Chinese
Aging	Cinema Studies
American Studies	Classical Humanities
Anthropology	Cognitive Science
Art History	Comparative Literature
Asian Studies	Computer Science
Astronomy	Economics
Biological Sciences	English

European Studies	Music
French	Operations Research
Geography	Philosophy
Geological Sciences	Physics
German	Political Science
Greek (Ancient)	Portuguese
Greek (Modern)	Psychology
History	Puerto Rican and Hispanic Caribbean Studies
Hungarian	Religion
Italian	Russian
Japanese	Science, Technology, and Society
Jewish Studies	Sociology
Korean	South Asian Studies
Latin	Spanish
Latin American Studies	Statistics
Linguistics	Women's and Gender Studies
Marine Sciences	
Mathematics	
Medieval Studies	
Middle Eastern Studies	

### Non-Liberal Arts Minors

Labor Studies  
Planning and Public Policy  
Theater Arts

### Additional Minors

The Graduate School of Education offers several teacher certification programs that may fulfill the minor requirement.

Cook College offers a number of minors that may be completed by Rutgers College students in satisfaction of the minor requirement. In addition, completion of the certificate program in criminology, professional writing, or technical writing may substitute for the minor requirement. For program information, see the appropriate section of this catalog.

## OTHER ACADEMIC PROGRAMS

### Honors Programs and Awards

**Rutgers College Honors Program.** Entering and matriculated first-year students who show promise of outstanding achievement in the liberal arts and sciences are invited to participate in the Rutgers College Honors Program. Those students selected may take advantage of honors courses and seminars, special lectures and discussions, research experiences, and special cultural and social activities. They may elect to complete one of several honors tracks leading to college, departmental, or interdisciplinary distinction. Program students complete Rutgers College degree requirements and must maintain a grade-point average of 3.25 in the first two terms and 3.5 in each term thereafter.

**College Honors.** The bachelor's degree is conferred with "Highest Honors" to graduating seniors with a cumulative grade-point average of 3.850 or better, with "High Honors" to those with a cumulative grade-point average of 3.700 or better, and with "Honors" to those with a cumulative grade-point average of 3.500 or better.

**Departmental Honors.** Academic departments may recommend students for departmental honors at graduation, based upon special work and/or examinations. See statements under individual department listings.

**Phi Beta Kappa.** The membership committee elects to Phi Beta Kappa outstanding juniors and seniors who are pursuing a major in a liberal arts discipline and whose competence in a foreign language is equivalent to the fourth college term. To be eligible for consideration, students must have completed 60 credits at Rutgers College prior to beginning their last term in residence.

**Prizes and Awards.** A list of prizes and awards for which Rutgers College students are eligible is available in the Office of Financial Aid.

### Research Programs

**Henry Rutgers Scholars Program.** This program is designed to give outstanding seniors the opportunity for independent research leading to an interdepartmental thesis or a thesis in the major field. This individualized course of study replaces two academic courses in each term of the senior year. Not more than 6 credits of the thesis sequence may be used in satisfaction of major requirements. Both terms must be completed in order to receive degree credit. Students wishing to apply for the Henry Rutgers thesis must have a cumulative grade-point average of 3.4 in their major and a 3.4 average overall.

**The Jerome and Lorraine Aresty Research Center for Undergraduates.** This facility provides information, services, programs, and undergraduate research funding on a competitive basis to New Brunswick/Piscataway students in all colleges, of any academic year and any major, with the goal of supporting and encouraging their involvement in and understanding of research. The center maintains an active, searchable comprehensive database of research opportunities at Rutgers–New Brunswick/Piscataway. Selected programs include workshops about performing library research in the disciplines, creating posters and conference presentations, and applying for major fellowships. The center also sponsors a yearly undergraduate research symposium and summer undergraduate research fellowships, as well as occasional cocurricular events to enhance the undergraduate research experience. For more information, email [aresty@rci.rutgers.edu](mailto:aresty@rci.rutgers.edu) or visit <http://aresty.rutgers.edu>.

### Certificate Programs

All certificate programs offered in New Brunswick are available to Rutgers College students. Certificates are awarded only with or subsequent to the awarding of a baccalaureate degree.

### Five-Year Teacher Certification Program

Teacher certification programs in many areas of specialization are offered through the Graduate School of Education to Rutgers College students. Education students major in a subject other than education, since the teacher certification programs do not constitute a major. For further information, see Education 300 in the Programs of Study for Liberal Arts Students section.

### National Student Exchange

Rutgers College belongs to the National Student Exchange, a group of state colleges and universities that permits students to spend their junior year at a member institution at in-state tuition. Students applying must have a cumulative grade-point average of 2.5 or better. Information about this program is available in the Office of Academic Services.

### Study Abroad

The university conducts several study abroad programs at foreign universities. For more information about study abroad, see Study Abroad 959 in the Programs of Study chapter for Liberal Arts Students section.

### Five-Year, Dual-Degree Program in Engineering and Liberal Arts/Sciences

A five-year, dual-degree program is available that leads to a bachelor's degree from Rutgers College and a bachelor's of science degree from the School of Engineering. Dual-degree students who declare a Rutgers College major in a science, mathematics, computer science, or statistics also must complete a minor in a social science or humanities discipline. For further information, see the Programs of Study chapter in the School of Engineering section.

### Eight-Year Bachelor's Degree/M.D. Program

The bachelor's degree/M.D. program, offered jointly by Rutgers College and the University of Medicine and Dentistry of New Jersey–Robert Wood Johnson Medical School, permits selected students to obtain a bachelor's degree and a medical degree in eight years of study. Students are selected for this program at the conclusion of their sophomore year and are granted provisional admission into the medical school, with a second review of the student's credentials during the fourth year of the program required to qualify for formal admission to the medical school. In the junior year, students begin to take medical science courses along with courses in fulfillment of their undergraduate degree. The bachelor's degree normally is awarded by the end of the fifth year, and the medical degree by the end of the eighth year. For more information, contact the health professions office, Nelson Hall, or visit <http://lifesci.rutgers.edu/~hpo/BAMD.htm>.

Also available is an articulated bachelor's degree/M.D. program with the University of Medicine and Dentistry of New Jersey–New Jersey Medical School. For more information, contact the Office of the Dean, University College, (732/932-7681).

### Five-Year Bachelor's Degree/M.B.A. Program

The bachelor's degree/M.B.A. program, offered by Rutgers College in cooperation with the Rutgers Business School–Newark and New Brunswick, permits students pursuing a liberal arts major leading to a bachelor's degree to accelerate, completing both the baccalaureate and M.B.A. degrees in a total of five years of study. Students who qualify for the program enroll in undergraduate courses in New Brunswick for the first three years followed by two years of course work offered by Rutgers Business School–Newark and New Brunswick at both the New Brunswick and Newark campuses. More information is available in the Office of Academic Services, Milledoler Hall.

## Bachelor's Degree/M.A. in Criminal Justice Program

The bachelor's degree/M.A. in Criminal Justice program, offered by Rutgers College in cooperation with Rutgers' School of Criminal Justice in Newark, permits students pursuing majors other than criminal justice to accelerate, completing both the baccalaureate and the M.A. degrees in four and one-half years. More information is available in the Office of Academic Services, Milledoler Hall.

## Bachelor's Degree/Master's Degree Programs with the Edward J. Bloustein School of Planning and Public Policy

Joint-degree programs, offered in cooperation with Rutgers College and the Edward J. Bloustein School of Planning and Public Policy, permit students pursuing certain majors to accelerate, completing both the baccalaureate and a Master of Public Health or a Master of Public Policy in five years. More information is available in the Office of Academic Services, Milledoler Hall.

## Health Professions Advising Office

Please see Health Professions in the Student Life and Services chapter.

## Prelaw Advising

Rutgers College students may meet with prelaw advisers, who help students interested in preparing for a career in law. The advisers counsel students on selection of appropriate courses and majors, and application to law school. Students may make appointments with prelaw advisers in the Office of Academic Services, Milledoler Hall.

## Gateway Program

The university's Gateway Program provides special academic courses to students who, based on their placement test results, show need for remedial work in English and mathematics. The program offers courses in biology, chemistry, history, philosophy, physics, psychology, and sociology. These courses are designed to strengthen skills and to offer students the best chance of succeeding at Rutgers. Students who place into the program are notified by the dean of first-year students during the summer prior to their first term at the college and are assisted in making appropriate changes to their fall program.

## Educational Success Program (ESP)

Through the Educational Success Program, minority students at Rutgers College have available to them a variety of services designed to improve academic performance and retention. The services include academic counseling, peer support and group workshops, and tutoring services.

## Educational Opportunity Fund (EOF)

Recipients of an Educational Opportunity Fund grant also have available to them a number of academic services as part of their financial aid package. A staff of full-time professionals is assigned to aid with individual problems that may arise in areas ranging from personal to academic to financial. In addition to the counseling program, EOF offers tutorial services to students who need assistance in basic academic skills as well as in more advanced courses. Each summer, EOF offers a four-week residential precollege program of developmental and/or credit-granting courses.

# Course Listing

See the Programs of Study for Liberal Arts Students section for course offerings available to Rutgers College students. The following courses are specifically administered by Rutgers College.

### 12:090:120. FIRST-YEAR INTEREST GROUP SEMINAR (1)

*Open to first-year students only. May not be repeated for credit.*  
Highly interactive seminars on selected topics focusing on career goals of first-year students. Analysis and discussion of presentations by a broad spectrum of faculty and alumni speakers; introduction to and utilization of university resources.

### 12:090:131. LIBRARY RESEARCH (1.5)

Introduction to the collections and services of the Rutgers University libraries and to the skills necessary to define a research topic and develop an effective research strategy.

### 12:090:170 TO 199. STUDY IMPROVEMENT TECHNIQUES (E1.5)

LSAT, GRE, and GMAT skills; speed reading; study skills, and Academic Success Seminar.

### 12:090:220. STUDENTS IN TRANSITION SEMINAR (1)

*Open to entering transfer students only. May not be repeated for credit.*  
Introduction to the university and technology services for transfer students. Topics designed to assist students in the adjustment to the university and to facilitate better first-term academic performance; characterized by small-group learning.

### 12:090:260. SPECIAL TOPICS (1.5)

Exploration of problems and issues relating to a particular theme.

### 12:090:270 TO 299. COLLEGE HONORS SEMINAR (3)

*By invitation of the college honors chairperson.*  
Selected topics in the arts and sciences. Titles vary from term to term.

### 12:090:320. PEER INSTRUCTOR EDUCATION FOR FIRST-YEAR INTEREST GROUP SEMINAR (3)

*Open to selected upper-class students only. May be repeated only once.*  
Student peer educators learn how to teach a first-year interest group seminar and help new students make the transition to university life. Selected topics focus on effective methods of college teaching and program strategies to increase understanding of the first-year and transfer experience. Discussions center on teaching techniques to integrate faculty, current research topics, academic advising, developmental and adjustment issues, and cooperative/group-learning experiences.

### 12:090:391,392. INDEPENDENT STUDY (BA,BA)

*Open only to Rutgers College students, with permission of the dean of instruction.*  
Individual work on a topic designed by the student in conference with an instructor who has agreed to direct the project.

### 12:090:393,394. INDEPENDENT STUDY AND RESEARCH (3,3)

*Open only to members of the Rutgers College Honors Program, with permission of the director.*  
Individual work on a topic designed by the student in conference with an instructor who has agreed to direct the project.

### 12:090:410,411. HONORS INTERDISCIPLINARY THESIS (3,3)

*Open only to seniors in the Rutgers College Honors Program.*  
Independent research leading to an interdisciplinary honors thesis.

**12:090:497-498. HENRY RUTGERS HONORS PROJECT (BA,BA)**

*Both terms must be completed to receive degree credit.*

Independent research and preparation of a written thesis under direction of a faculty member. In lieu of two courses in each term of the senior year. May not be taken in combination with another independent study, research, or internship course.

# Administration and Fellows

## ADMINISTRATION

Carl Kirschner, *Dean*  
Diane Bonanno, *Associate Dean for Recreation and Leadership*  
Joan Carbone, *Associate Dean for Student Services*  
Kathryn Kuhnert, *Director of Campus Centers and Conference Services*  
Marie T. Logue, *Associate Dean for Student Development and College Affairs*  
Muffin Lord, *Director of Honors Program, Scholarship Administrator*  
Lenore Neigeborn, *Associate Dean of Instruction*  
Edmund Scheer, *Associate Dean for Business Administration and Computing Services*  
Amu Kirner, *Director of Development*  
Wally Torian, *Director EOF Program, Assistant Dean for Educational Support Programs*

## FELLOWS

The Rutgers College fellows consist of faculty and staff members who are actively involved in building an intellectual support environment for the college. The activities of the fellows include the establishment and implementation of college admissions policy and general education, distribution, and graduation requirements; participation on college committees (along with student members); teaching of college courses and honors seminars; general academic advising; and informal contacts and activities with students.