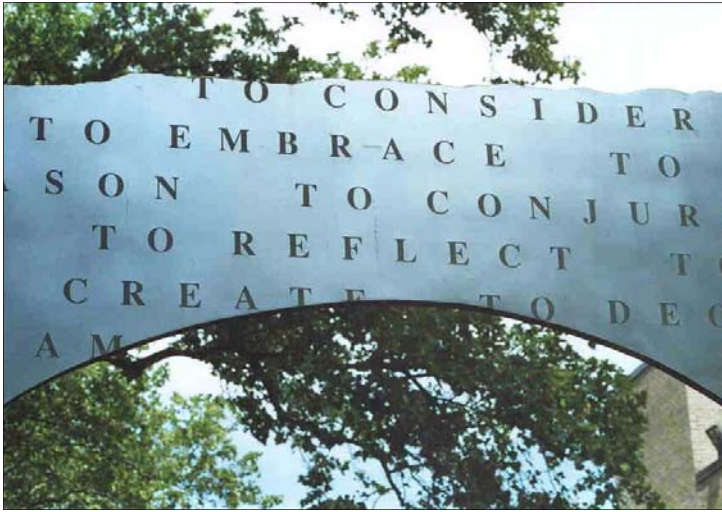


Keys to Success:
An Introduction
to Academics
at Rutgers-Camden



RUTGERS
Camden College of
Arts and Sciences

RUTGERS
University College | Camden



Welcome to Rutgers-Camden! On behalf of our faculty and staff, I am delighted to welcome you as you begin your studies at Rutgers-Camden. We are committed to providing the best possible undergraduate experience for you.





This booklet contains information that will help you make informed choices about what courses to take. It also contains information about our general education requirements and several special academic opportunities for Arts and Sciences students.

A liberal arts education provides a foundation on which to build a lifetime of learning and a broad range of knowledge about human experiences. It offers an introduction to the foundations of knowledge and a means for making connections between ideas and experiences. It fosters skills essential for lifelong learning and the workplace: critical thinking, communication, synthesis, problem-solving, research, analysis, and curiosity. I urge you to take full advantage of the opportunities that lie ahead of you.

I offer best wishes for your success.

Michael Palis, Ph.D.
Interim Dean-- Faculty of Arts and Sciences
and the Graduate School

Meet the Deans: The deans listed below have responsibility for all of the academic programs in Arts and Sciences.

 <p>Dr. Chris Dougherty Associate Dean for University College and Director of the Educational Opportunity Fund</p>	 <p>Dr. Luis Garcia Associate Dean for the Graduate School</p>	 <p>Dr. Nancy G. Rosoff Associate Dean for Administration and Academic Program Development and Director, Campus Office of Institutional Diversity and Equity</p>	 <p>Dr. Tyler Hoffman Associate Dean for the College of Arts and Sciences</p>
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What will you study in college?

An undergraduate education consists of a combination of courses that offer a broad overview of several academic disciplines (general education requirements) and the chance for in depth study in one academic field (your major). Many students also choose to add at least one minor, which is a concentration in an interdisciplinary area or a specific academic field, to their studies. You will also have the chance to take several elective courses in areas that interest you.



We offer a wide variety of majors and minors at Rutgers-Camden. In addition, students can design their own major or minor. You should read the catalogue (http://catalogs.rutgers.edu/generated/cam-ug_0608/index.html) for specific requirements for majors and minors. Once you are enrolled, the Degree Navigator program (see below) offers another way to check your academic progress (see <http://www.camden.rutgers.edu/degreenavigator/>). You can also consult departmental web pages for information about major and minor requirements as well as course offerings. This web page is a good starting point for information about our departments and academic programs: <http://www.camden.rutgers.edu/RUCAM/departAS.php>.

Majors:	
African American Studies	Liberal Studies
Art – Electronic Arts	Mathematics
Art – Studio Art	Music
Art History	Music – Musical Theater
Biochemistry	Nursing
Biology	Philosophy
Biomedical Technology	Physics
Chemistry	Political Science
Childhood Studies	Psychology
Computer Science	Religion
Criminal Justice	Social Work
Economics	Sociology
English	Spanish
French	Student Proposed Major
General Science	Theater
German	Urban Studies
History	

Minors		
African American Studies	English – Communication	Museum Studies
American Studies	English – English Literature	Music
Anthropology	English – Irish Literature	Music – Musical Theater
Art – Animation	English – Journalism	National Security Studies
Art – Electronic Arts	English – Linguistics	Philosophy
Art – Graphic Design	English – Writing	Philosophy and Religion
Art – Studio Art	Ethics	Physics
Art History	European Studies	Political Science
Biology	French	Psychology
Chemistry	General Science	Religion
Childhood Studies	German	Social Work
Classical Studies	History	Sociology
Computer Science	Justice and Society	Spanish
Criminal Justice	Latin American Studies	Theater
Economics	Mathematics	Urban Studies
English – American Literature	Media Studies	Women’s Studies

ADVISING:

Before you select your major, you will be advised by the members of our academic advising staff. You can find our advising staff – Assistant Dean Nancy Gulick, Assistant Dean Danyelle Thurman, and Administrative Assistant Krista Wehlen – in the Office of Academic Advising on the second floor of Armitage Hall. The advisors are available by appointment and on a drop-in basis. You can call the office (856-225-6043) to make an appointment or to ask general questions.

After you have declared your major, which you should do no later than the second semester of your sophomore year, you will be advised by a faculty member from your major department. In addition, several departments have information sessions for new majors. Most departments have information about major requirements on their websites.



As you move toward graduation, you will need to meet general education requirements as well as specific requirements for your major. Using the Degree Navigator program will help you keep track of your academic progress. You should also make regular appointments to discuss your progress with your advisor.

GENERAL EDUCATION REQUIREMENTS:

The faculty has developed general education requirements intended to develop a body of knowledge and skills that are vital to a well-educated student. There are seven categories of general education requirements for a minimum of 45 credits. The goals for each of these areas are described below.

A. Language Skills (12 credits, including a writing requirement):

Students will learn to read and express complex ideas through written and oral communication, and to understand the nature of language and its role in the human experience.

B. Quantitative Skills (6 credits): Students will learn to solve problems through logical and mathematical processes, and to interpret numerical and quantitative information.

C. Ancient and Modern Heritages (9 credits): Students will acquire an understanding of culture through the study of the historical bases of the societies and world in which they live, including the multicultural and international dimensions of those societies and the philosophical, ethical, and religious works of those societies.

D. Literature and Fine Arts (6 credits): Students will acquire an understanding of the culture of the world in which they live through a study of the artistic, literary, theatrical and musical works of those societies.

E. Social Sciences (6 credits): Students will acquire an understanding of the nature of social and individual behavior, of the political and policy-making process, of their role as citizens, and of the use of scientific methods of inquiry to answer questions and generate new knowledge in the social sciences.

F. Diversity and Global Studies (3 credits): Students will acquire an understanding of the multicultural diversity of American society and of the globalized world in which they live.

G. Natural Sciences (6 Credits): Students will acquire an understanding of the physical and biological environment and the forces that have shaped it, of the impact of the natural sciences on society, and of the use of scientific methods of inquiry to answer questions and generate new knowledge in the natural sciences.

SPECIAL ACADEMIC OPPORTUNITIES:

First Year Seminars:

First Year Seminars at Camden offer entering students who are making the transition to college the chance to be in a small class and to satisfy a core graduation requirement. These seminars help first year students develop their skills in academic writing and critical thinking. Their goals include providing first year students skills and knowledge that will contribute to their success in college at Rutgers and to help students make appropriate transitions to college. All the introductory composition courses will serve as first year seminars. Additional seminars will be offered through other departments.

International Studies:

Rather than spending a semester or year abroad, students at Rutgers-Camden can take classes on our campus, then travel abroad during spring break or in early summer to apply what they have learned in a new cultural setting. In the past students have participated in classes that traveled to Italy, the Republic of Ireland, South Africa and Namibia, Egypt, Belgium, England, Germany, Spain, the Czech Republic, China and Mongolia, Greece, France, the Netherlands, Northern Ireland,, Honduras, France, Mexico, Japan, and South Africa. Last year's program included trips to France, Norway and Sweden, Ireland, Peru, South Africa Egypt and Jordan, and Spain. This year's schedule will be announced shortly and further information will be available at the International Studies Program website (<http://int-studies.camden.rutgers.edu/>).



In a program that began in Fall 2006, students who enroll as first-time, first-year students in the Camden College of Arts and Sciences and University College and have a 3.5 cumulative average at the beginning of the year in which they want to take an International Studies course will receive the **Stainrook Foundation International Scholar Grant** \$500 grant to be used toward the cost of the associated trip in their sophomore, junior or senior year. Funding for these grants has been made possible by generous donors to Arts and Sciences.

Students interested in pursuing this grant opportunity must meet the following conditions:

- Grants will only be offered to students who enter the Camden College of Arts and Sciences (CCAS) or University College (UC) for their first college experience
- A student must be enrolled in CCAS or UC at the time of the grant.

- A student who wishes to take advantage of this travel grant in the sophomore year must have completed at least 30 credits at Rutgers-Camden at the end of her or his second semester and have a minimum GPA of 3.5. To travel in the junior year, a student must have completed at least 60 credits at Rutgers-Camden at the end of his or her fourth semester with a 3.5 GPA; to travel in the senior year, a student must have completed at least 90 credits at Rutgers-Camden at the end of her or his sixth semester with a 3.5 GPA.
- Students who meet these requirements must apply for this grant by December 15th of the academic year in which they wish to travel.

Further information about this grant program can be found at:

<http://www.camden.rutgers.edu/RUCAM/info/InternationalStudiesGrant.html>.

Undergraduate Research and Creative Activity:

At Rutgers-Camden, undergraduates can take advantage of multiple opportunities to conduct research or engage in creative activity with our faculty. Our faculty members are leaders in their field; they are discovering and creating new ideas and information about which others read, write, and talk. They willingly include students in their own research or creative projects or serve as mentors for independent projects. Faculty members frequently invite students to work with them in the discovery or creative process, so students have the chance to develop ideas that will shape the 21st century.



We have several programs in place to support and recognize undergraduate research and creative activity. As you are taking classes, you should think about whether you might wish to engage in a research or creative project under the guidance of our faculty. Grants are available to fund student research and creative activity as well as to support student travel to present their work at conferences. Each year, outstanding student efforts are recognized with the presentation of the Dean's Undergraduate Research Award. We sponsor an annual Celebration of Undergraduate Research and Creative Activity that allows students to demonstrate and discuss their work.

Further information about our undergraduate research programs and podcasts featuring student and faculty researchers can be found at:

<http://ugresearch.camden.rutgers.edu/index.html>.

Internships:

Internships provide a means to apply the knowledge and skills you have learned in a classroom setting to a work environment. Many of our departments offer internship or service learning courses. In addition, we offer an Arts and Sciences internship course. Recent interns have been placed in research labs, the county

prosecutor's office, the Rachel Ray show, and Channel 10. More information about internships can be found at the Career Center website:

<http://cc.camden.rutgers.edu/studentsNEWfinding/Internships.html>.

SELECTING COURSES:

You should plan to take fifteen credits during your first semester in order to make appropriate progress toward graduation. Students enrolled in some programs will take twelve credits. You should take a variety of courses that allow you to explore academic opportunities across Arts and Sciences. Many of the courses you take during your first semester (and the first year) will help you to meet general education requirements. You might also think about taking courses to help you learn about potential majors. Your math and English courses will be determined by your placement tests, so you must have completed testing before you can schedule. A vital part of the Keys To Success program will be the opportunity to select and register for your classes.

You should begin to sketch out a preliminary schedule of classes by using the schedule grid on the next page. You can find the online schedule of classes at: http://www.acs.rutgers.edu/pls/sc_p/sc_display.select_major. To see what classes are offered, you need to select a subject area. Following the schedule grid is a list of courses developed by each department of courses that are well suited to first-year, first-time students. Please note that not all of these courses will be available this fall; many will be offered in the spring semester.

When you come to schedule, you will need your Rutgers ID number and your NetID. Your NetID gives you access to your Rutgers email account and many other online services. You should set up your NetID as soon as possible by utilizing the website: <http://oit.rutgers.edu/services/account/quick.html>. Scroll down to the Camden section and click on the link to the clam server. Remember that your Rutgers email account name cannot be changed, so chose it wisely. You may be using that account to correspond with potential employers or graduate schools, so don't choose a name that is potentially embarrassing!

You can access your RUID number through the Enrollment Pathway (<https://www.ugadmissions.rutgers.edu/pathway.asp>) or through the Rutgers portal (<https://my.rutgers.edu>). To use myRutgers, you will need to have set up your NetID and password.

Please fill in your RUID number and NetID below and bring this information with you to orientation programs.

My Rutgers ID number is _____ - 00 - _____

My NetID is _____

Class Schedule Worksheet

Monday		Tuesday		Wednesday		Thursday		Friday	
8:00 - 8:55		8:00 - 9:20		8:00 - 8:55		8:00 - 9:20		8:00 - 8:55	
9:05 - 10:00				9:05 - 10:00				9:05 - 10:00	
		9:30 - 10:50				9:30 - 10:50			
10:10 - 11:05				10:10 - 11:05				10:10 - 11:05	
11:15 - 12:10		11:00 - 12:20		11:15 - 12:10		11:00 - 12:20		11:15 - 12:10	
College period 12:10 - 1:10				College period 12:10 - 1:10				College period 12:10 - 1:10	
		College period 12:20 - 1:20				College period 12:20 - 1:20			
1:20 - 2:40		1:30 - 2:50		1:20 - 2:40		1:30 - 2:50		1:20 - 4:20	
2:50 - 4:10		3:00 - 4:20		2:50 - 4:10		3:00 - 4:20			
4:20 - 5:40		4:30 - 5:50		4:20 - 5:40		4:30 - 5:50			
6:00 - 7:20		6:00 - 7:20		6:00 - 7:20		6:00 - 7:20			
7:30 - 8:50		7:30 - 8:50		7:30 - 8:50		7:30 - 8:50			
9:00 - 10:20		9:00 - 10:20		9:00 - 10:20		9:00 - 10:20			

SAMPLE PROGRAMS FOR HUMANITIES or SOCIAL SCIENCE MAJORS
All students: 12-15 credits

Register for the following courses:

- 350:099 or 350:101 English Composition (based on placement results)
- 640: ___ Math course based on placement results
- Course(s) in prospective major
- General Education Requirement course(s) – see **Courses Best Suited for First Year Students** (below) for suggestions of courses to take.

The courses listed below are those that should be taken for the various majors indicated; register for one or two of these during your first semester.

African American Studies

512:203 African-American History I

Art

080:102 Visual Fundamentals
080:213 Introduction to Computer Graphics
082:101 Art History I

Childhood Studies

163:101 Introduction to Childhood Studies
830:101 Introduction to Psychology or 920:207 Introduction to Sociology

Criminal Justice

202:201 Criminal Justice in America

Economics

220:102 Microeconomic Principles or 220:103 Macroeconomic Principles

English

350:101 English Composition I (F)
350:220 Introduction to Literary Study (Sp)

French (select based on foreign language placement)

420:101,102 Elementary French I (F), Elementary French II (Sp)
420:131, 132 Intermediate French I (F), Intermediate French II (Sp)

German (select based on foreign language placement)

470:101, 102 Elementary German I (F), Elementary German II (Sp)
470:131, 132 Intermediate German I (F), Intermediate German II (Sp)

History

510:101, 102 Western Civilization I (F), Western Civilization II (Sp)
512:201,202 Development of US I (F), Development of US II (Sp)

512:203, 204 African-American History I (F), African-American History II (Sp)

Music

700:161 Musicianship I
700:225 Music Theory I

Philosophy

730:100 Topics in Philosophy
730:111 Introduction to Philosophy

Political Science

790:101 Introduction to Politics
790:103 Basic Urban Issues

Psychology

830:101 Introduction to Psychology

Religion

840:103 Introduction to World Religion

Social Work

120:105 Facts of Life
830:101 Introduction to Psychology or 920:207 Introduction to Sociology

Sociology

070:213 Introduction to Cultural Anthropology
920:207 Introduction to Sociology

Spanish (select based on foreign language placement)

940:101, 102 Elementary Spanish I (F), Elementary Spanish II (Sp)
940:121, 122 Intermediate Spanish I (F), Intermediate Spanish II (Sp)

Teacher Preparatory Program (Elementary/Secondary Certification)

120:105 Facts of Life or 120:106 Human Reproduction and Development
510:101 Western Civilization I or 512:201 Development of US I
964:101 Fundamentals of Teaching

Theater Arts

965:201 Introduction to Contemporary Theater (F)
965:241 Stagecraft
965:271, 272 Acting I (F), Acting II (Sp)

Urban Studies

975:102 Approaches to Urban Studies
975:103 Urban Ecology & Planning
975:104 Power, Decision in Urban Community

SAMPLE PROGRAMS FOR SCIENCE MAJORS

All students: 12-15 credits

Register for the following courses:

- 350:099 or 350:101 English Composition (based on placement results)
- 640: ___ Math course based on placement results
- Course(s) in prospective major
- A general education course if there is room in your schedule – see **Courses Best Suited for First Year Students** (below) for suggestions of courses to take.

The courses listed below are those that should be taken for the various majors indicated; register for one of these during your first semester.

***** To complete the following majors in 4 years it is important to enroll in the suggested courses during the first year; F= fall and Sp= spring.**

Biology

120:101, 107 General Biology I and lab (F)
120:102, 108 General Biology II and lab (Sp)
160:115, 125 Chemical Principles I and lab (F)
160:116, 126 Chemical Principles II and lab (Sp)
640:130 Calculus for Business, Economics, Biology (F)

Chemistry

160:115, 125 Chemical Principles I and lab (F)
160:116, 126 Chemical Principles II and lab (Sp)
640:121, 123 Unified Calculus I and recitation (F)
640:122, 124 Unified Calculus II and recitation (Sp)

Computer Science (BA or BS)

198:111 Programming Fundamentals (F)
198:112 Software Lab I (F)
198:113 Object Oriented Programming (Sp)
198:114 Software Lab II (Sp)
640:130 Calculus for Business, Economics, Biology (**for BA**) (F)
640:121, 123 Unified Calculus I and recitation (**for BS**) (F)
640:122, 124 Unified Calculus II and recitation (**for BS**) (Sp)

Engineering Transfer

220:102 Microeconomic Principles (F)
220:103 Macroeconomic Principles (Sp)
640:121, 123 Unified Calculus I and Recitation (F)
640:122, 124 Unified Calculus II and recitation (Sp)

750:131, 133 Elements of Physics I and lab (F)
750:132, 134 Elements of Physics II and lab (Sp)

General Science

120:101, 107 General Biology I and lab (F)
120:102, 108 General Biology II and lab (Sp)
640:130 Calculus for Business, Economics, Biology (F)

Mathematics

640:121, 123 Unified Calculus I and recitation (F)
640:122, 124 Unified Calculus II and recitation (Sp)

Nursing

120:101 General Biology (not lab) (F)
160:107, 109 General Chemistry I and lab (F)
160:108, 110 General Chemistry II and lab (Sp)
830:101 Introduction to Psychology (F)
920:207 Introduction to Sociology (Sp)

Pre-Pharmacy

120:101, 107 General Biology I and lab (F)
120:102, 108 General Biology II and lab (Sp)
160:115, 125 Chemical Principles I and lab (F)
160:116, 126 Chemical Principles II and lab (Sp)
640:121, 123 Unified Calculus I and recitation (F)
640:122, 124 Unified Calculus II and recitation (Sp)

Courses Best Suited for First Year Students (Listed by Department)

Please note that not all of these courses will be offered in the fall; save this guide to help you with course selection for the spring semester. As you plan your courses, you might also wish to check which courses meet the diversity, global studies, and writing intensive course requirements. A list of such courses can be found by going to the Registrar's Office web page (<http://registrar.rutgers.edu/CMINDEX.HTM>) and clicking on Diversity, Global Studies, and Writing Intensive Courses on the drop-down menu. The courses listed below are primarily intended for non-majors; if you plan to major in a particular field, be sure to take the appropriate courses to do so. One further note—only the names of courses have been provided; you will need the course number to register for the course.

Courses are numbered in a way that shows the school in which a course is offered, the department offering it, the course number, and the section number. For example, 50:350:101:05 tells you that the course is an Arts and Sciences course (50), offered by the English department (350), and it's the course called English Composition I, section #5.

Biology

Biology of Cancer
Facts of Life
Human Reproduction and Development
Understanding Environmental Problems

Biology majors should be sure to schedule General Biology, Chemical Principles, and Calculus for Business, Economics, and Life Sciences as early as possible in their academic careers, ideally during the first year.

Chemistry

Consumer Chemistry
Development of Modern Chemistry

Chemistry majors should be sure to schedule Chemical Principles, Unified Calculus, and General Physics as early as possible in their academic careers, ideally during the first year.

Computer Science

A Tour through Computer Science

Computer Science majors should be sure to take Programming Fundamentals, Object-oriented Programming, and Mathematical Foundations of Computer Science as early as possible in their academic careers, ideally during the first year.

Economics

Microeconomics Principles

Macroeconomic Principles

English – you will select an appropriate English composition class based on the results of your placement testing

English Composition I, II

Introduction to Literary Study (substitution for 102 for English majors only)

World Masterpieces I

Texts and Theories

Fine Arts – Art

Introduction to Studio Art

Introduction to Art History I, II

Art Appreciation

Fine Arts – Music

Introduction to Music Theory

Introduction to Music

Introduction to World Music

Fine Arts – Theater

Movement and Voice for the Stage

Modern/Improvisational Dance

Introduction to Contemporary Theater

Foreign Language – French

Elementary French I, II

Intermediate French I, II

Foreign Language – German

Elementary German I,II
Intermediate German I, II

Foreign Language – Spanish

Elementary Spanish I, II
Intermediate Spanish I, II

History

Western Civilization I, II
Introductory Topics in European History
Development of the United States I, II
African-American History I, II
American Popular Culture Since 1900
Latin American I, II
East Asia I, II
Precolonial Africa
Africa Since 1800

Mathematical Sciences – please note that your eligibility for particular math courses will be determined by the results of your placement test.

Elementary Algebra
Intermediate Algebra
Fundamental Mathematics Systems I
Fundamental Mathematics Systems II
An Introduction to Mathematical Thought
Numbers and Beyond
College Algebra
Precalculus College Mathematics
Unified Calculus I
Unified Calculus II
Linear Mathematics for Business and Economics
Calculus for Business, Economics, and Life Sciences
Elementary Applied Statistics
Introduction to Statistics I, II

Nursing: Students hoping to be admitted to the Nursing major should be sure to take General Biology and General Chemistry I and II with their associated labs during the first year.

Philosophy

Introduction to Philosophy
Problems of Identity
Introduction to Logic
History of Philosophy I, II
Eastern Philosophies
Africana Philosophy
Ethics
Philosophy of Literature
Ethics and Business

Physics

Descriptive Astronomy
Intro to Earth
Physics for Poets

Political Science

Introduction to Politics
Introduction to American Politics

Psychology

Introduction to Psychology
Introduction to Social Psychology (not recommended for students planning to major in psychology; credit in psychology not given for this and Social Psychology 50:830:335)

Religion

Introduction to World Religions
Introduction to Religion and Contemporary Culture
Introduction to the Bible
Eastern Religions
Jews, Christians, and Muslims
Myth and Symbol
African-American Religion
Religion in Contemporary America
Contemporary Religious Thought

Sociology, Anthropology, and Criminal Justice

Introduction to Cultural Anthropology

Criminal Justice in America

Introduction to Latin America

Introduction to Sociology

Contemporary Social Problems

Social Movements in Society

Urban Studies

Approaches to Urban Studies

Urban and Regional Ecological Planning

Power and Decision Making in Urban Communities

Poverty and Urban Environmental Systems

Keys to Success: Getting Started at Rutgers-Camden

NOTES

Use the space below to write down any questions you have about scheduling classes, our academic programs, or other issues and for any notes you need to make during the scheduling session.

