Welcome to Rutgers and the beginning of your college career!

This booklet is a roadmap for your Academic Planning & Advising experience. We trust that you have some ideas about your personal interests and educational goals. You’ll now use this guide to learn how to explore them through the academic opportunities available at the School of Arts and Sciences.

Our work—helping you understand the philosophy of a liberal arts education and carefully plan your courses—begins now!

The Big Picture

School of Arts and Sciences students must earn at least 120 credits to graduate.

You’ll earn credits by taking courses to complete the SAS Core Curriculum, a major, a minor, and elective credits.

Every course you take moves you closer to completing your degree, so you can feel comfortable studying a variety of subjects here!

How do I get started?

Your course requests should reflect your academic interests, your thoughts about post-college plans, and the many opportunities at Rutgers. Advisers will help you, but here’s how you’ll get started:

1. Review information about majors and minors on pages 2-5.
2. Explore electives and interests on pages 6-7.
3. Get acquainted with the SAS Core (see separate booklet).
4. Consider requesting special academic options for first-year students such as our Byrne Seminars, First-Year Interest Group Seminars (FIGS), and/or Learning Communities in your schedule, as well as the popular SAS Signature courses, open to all students (separate booklets for each).
5. Submit your course requests for review by the First-Year Deans.
Warning: Wordiness Ahead

This booklet contains a lot of words. We have tried to add pictures and color to break up the text, but words are the currency of education. We are hopelessly stuck with communicating important information about your education through words. Please be patient with us, read carefully, and ask good questions.

Your First Semester Schedule

Use your first few semesters to explore your academic interests. Request courses that interest you and that provide you with information about possible majors and minors. In general, your first semester schedule will look something like this:

<table>
<thead>
<tr>
<th>Course Name or Department</th>
<th>Credits</th>
<th>How to choose*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expository Writing</td>
<td>3 cr.</td>
<td>Based on placement</td>
</tr>
<tr>
<td>Course for major exploration</td>
<td>3-4 cr.</td>
<td>See pages 4-5</td>
</tr>
<tr>
<td>Course for major/minor exploration</td>
<td>3 cr.</td>
<td>See pages 4-5</td>
</tr>
<tr>
<td>Minor course/SAS Core/Elective</td>
<td>3-4 cr.</td>
<td>See pages 6-7 and Signature course booklet</td>
</tr>
<tr>
<td>Byrne Seminar/First-Year Interest Group Seminar (FIGS)</td>
<td>1-2 cr.</td>
<td>See Byrne and FIGS booklets</td>
</tr>
</tbody>
</table>

= 12-16 credits

*Advisers will review your requests and make necessary adjustments based on placement test results, AP/IB scores, prior college coursework and appropriateness based on department recommendations.

A few words about minors

A minor is an important component of your degree. Minors do not need to “go with” or match your major and there is a strong argument that, in fact, they shouldn’t.

Most minors are 18-21 credits and provide an opportunity to demonstrate a diversity of intellectual curiosity, and pursue a discipline that either supports, or is unrelated to, your career plans.

A minor is required, except for the following:

- Students completing credit-intensive majors are strongly encouraged to complete a minor, but are not required to do so. Credit-intensive majors are indicated at sasundergrad.rutgers.edu/majors.
- Students completing multiple majors are not required to complete a minor.
- Students who complete the 5-year teacher education program through the Graduate School of Education are not required to complete a minor.
School of Arts & Sciences students can choose from among over 160 majors, minors, specializations, and certificates. We’ve grouped the majors into broad academic areas below. Match the background color of that box with the header color on one of the grids on the next two pages for course suggestions. Visit sasundergrad.rutgers.edu/majors for a full list of programs.

**Life and Natural Sciences**
- Biological Sciences
- Biomathematics
- Cell Biology & Neuroscience
- Ecology, Evolution, & Natural Resources
- Exercise Science - options in Applied Kinesiology, Exercise Physiology, and Exercise Science
- Evolutionary Anthropology
- Genetics
- Geological Sciences
- Marine Sciences
- Medical Technology
- Microbiology
- Molecular Biology & Biochemistry
- Public Health

**Science, Technology, Engineering, and Mathematics (STEM)**
- Astrophysics
- Chemistry
- Computer Science
- Information Technology & Informatics
- Mathematics
- Physics
- Statistics
- Statistics/Mathematics

**Business & Communication**
- Communication
- Economics
- Exercise Science & Sports Studies-Sport Management
- Health Administration
- Human Resource Management
- Information Technology & Informatics
- Journalism and Media Studies
- Labor Studies & Employment Relations
- Pre-Business Majors (transfer to RBS)

**Fine Arts**
- Art
- Music
- Dance
- Theater Arts

**Social Sciences & Humanities**
- (Majors in **bold** require study of a foreign language)
- African, Middle Eastern & South Asian Languages & Literatures (AMESALL)
- Africana Studies
- American Studies
- Anthropology
- Art History
- **Chinese**
- Cinema Studies
- **Classics**
- Cognitive Science
- Comparative Literature
- Criminal Justice
- **East Asian Languages & Area Studies**
- English
- **European Studies**
- **French**
- Geography
- **German**
- History
- **Italian**
- **Italian Studies**
- Jewish Studies
- **Latin American Studies**
- Latino and Caribbean Studies
- **Linguistics**
- Medieval Studies
- **Medieval Studies**
- Philosophy
- Planning and Public Policy
- Political Science
- **Portuguese**
- Psychology
- Public Policy
- Religion
- **Russian**
- Social Work
- Sociology
- **Spanish**
- Urban Planning and Design
- Women’s & Gender Studies
Exploring Majors

These pages offer SUGGESTIONS for planning your fall schedule; they are not prescribed schedules and can vary to accommodate your interests. The first row color corresponds to the academic areas listed on the previous page.

We’ve also included grids for students planning to transfer to the School of Nursing and School of Engineering. Students planning to transfer to the School of Pharmacy should follow the Life Sciences grid.

<table>
<thead>
<tr>
<th>Life Sciences</th>
<th>Undecided and Exploring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expository Writing (3 cr.)</td>
<td>Expository Writing (3 cr.)</td>
</tr>
<tr>
<td>General Biology (4 cr.)*</td>
<td>Course for major exploration (3 cr.)*</td>
</tr>
<tr>
<td>General Chemistry (4 cr.)*</td>
<td>Course for major exploration (3-4 cr.)*</td>
</tr>
<tr>
<td>Calculus I (4 cr.)*</td>
<td>SAS Core/Signature course/Elective (3-4 cr.)</td>
</tr>
<tr>
<td>Byrne Seminar (1 cr.)</td>
<td>- See elective suggestions on pages 6-7</td>
</tr>
<tr>
<td>First-Year Interest Group Seminar (1 cr.)</td>
<td>Byrne Seminar (1 cr.)</td>
</tr>
<tr>
<td>*For most Life Sciences majors, follow recommendations above. Request alternates from SAS Signature courses and/or Social Sciences &amp; Humanities. Recommendations for specific majors: Biomathematics: Calculus I for Math &amp; Physical Sciences. Evolutionary Anthropology: General Biology or Intro to Geology; Intro to Human Evolution and/or Intro to Archaeology instead of General Chemistry and Calculus. Exercise Science: Plan to take appropriate Statistics course in Spring. Marine Sciences: Also request Intro to Oceanography. Public Health: Intro to Planning, Policy &amp; Health instead of General Chemistry. A note about General Physics: Students should plan to begin the General Physics sequence in the Spring or later. Health Professions: General Biology and General Chemistry are recommended in the first term; however, it is a challenging course load for new students. Students concerned about taking a heavy science course load in their first term should speak with an adviser about options for completing their science courses. Visit the Health Professions Office website at hpo.rutgers.edu.</td>
<td></td>
</tr>
<tr>
<td>Course for major exploration (3 cr.)*</td>
<td></td>
</tr>
<tr>
<td>Course for major exploration (3-4 cr.)*</td>
<td></td>
</tr>
<tr>
<td>SAS Core/Signature course/Elective (3-4 cr.)</td>
<td></td>
</tr>
<tr>
<td>- See elective suggestions on pages 6-7</td>
<td></td>
</tr>
<tr>
<td>Byrne Seminar (1 cr.)</td>
<td></td>
</tr>
<tr>
<td>First-Year Interest Group Seminar (1 cr.)</td>
<td></td>
</tr>
<tr>
<td>*Don’t rush to meet SAS Core learning goals at the expense of your exploration—we’ll ask you to declare your major in 3 to 4 semesters, but you have 8 semesters to complete the SAS Core.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Business &amp; Communication</th>
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</thead>
<tbody>
<tr>
<td>Expository Writing (3 cr.)</td>
</tr>
<tr>
<td>Course for major exploration (3 cr.)*</td>
</tr>
<tr>
<td>Course for major exploration (3-4 cr.)*</td>
</tr>
<tr>
<td>SAS Core/Signature course/Elective (3-4 cr.)</td>
</tr>
<tr>
<td>- See elective suggestions on pages 6-7</td>
</tr>
<tr>
<td>Byrne Seminar (1 cr.)</td>
</tr>
<tr>
<td>First-Year Interest Group Seminar (1 cr.)</td>
</tr>
</tbody>
</table>

A note about General Physics: Students should plan to begin the General Physics sequence in the Spring or later.

*For most Business & Communication majors, request 1-2 courses from that academic department.

Recommendations for specific majors:

Pre-business and Economics: Calculus I and Intro to Microeconomics.

Exercise Science—Sport Management Option: Intro to Communication or Intro to Media Systems & Processes, General Psychology or Intro to Sociology.

Health Administration: Intro to Microeconomics.

### Social Sciences & Humanities

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>Expository Writing (3 cr.)</td>
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<tr>
<td>Course for major exploration (3 cr.)*</td>
</tr>
<tr>
<td>Course for major exploration (3 cr.)*</td>
</tr>
<tr>
<td>SAS Core/Signature course/Elective (3-4 cr.)</td>
</tr>
<tr>
<td>- See elective suggestions on pages 6-7</td>
</tr>
<tr>
<td>Byrne Seminar (1 cr.)</td>
</tr>
<tr>
<td>First-Year Interest Group Seminar (1 cr.)</td>
</tr>
</tbody>
</table>

*For most Social Sciences & Humanities majors, request 1-2 courses from that academic department.

**Recommendations for specific majors:**

- **Majors in bold on page 3:** Request related foreign language course.

- **American Studies:** Also request Development of US I.

- **Cognitive Science:** General Psychology; a logic course; General Biology (for Cognitive Neuroscience track); Intro to Linguistic Theory (for Language track).

- **European Studies and Medieval Studies:** Development of Europe I; Harvest of Middle Ages; Art History; foreign language.

- **Psychology:** Plan to take Quantitative Methods in Spring.

- **Planning and Public Policy:** Intro to Planning, Policy & Health; Intro to Microeconomics.

- **Public Policy:** Intro to Planning, Policy & Health; Intro to Microeconomics; American Government.

- **Urban Planning:** Intro to Microeconomics; Intro to Sociology.

### Science, Technology & Mathematics

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expository Writing (3 cr.)</td>
</tr>
<tr>
<td>Calculus I for Math &amp; Physical Sciences (4 cr.)</td>
</tr>
<tr>
<td>Course for major exploration (3 cr.)*</td>
</tr>
<tr>
<td>Course for major exploration (3 cr.)*</td>
</tr>
<tr>
<td>Byrne Seminar (1 cr.)</td>
</tr>
<tr>
<td>First-Year Interest Group Seminar (1 cr.)</td>
</tr>
</tbody>
</table>

*For most STEM majors, request 1-2 courses from that academic department.

**Recommendations for specific majors:**

- **Computer Science:** speak to an adviser about your background in programming.

- **Information Technology & Informatics:** Calculus not required.

- **Physics & Astrophysics:** speak to an adviser about your preparation for Physics 271/275.

- **Statistics or Statistics/Mathematics:** Intro to Computers 110 or Intro to Computer Science 111.

### Transfer to School of Nursing

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expository Writing (3 cr.)</td>
</tr>
<tr>
<td>Statistics I</td>
</tr>
<tr>
<td>Intro to Sociology</td>
</tr>
<tr>
<td>Electives in History, Political Science, or Anthropology</td>
</tr>
<tr>
<td>Byrne Seminar (1 cr.)</td>
</tr>
<tr>
<td>First-Year Interest Group Seminar (1 cr.)</td>
</tr>
</tbody>
</table>

*For summer: Anatomy & Physiology*

### Transfer to School of Engineering

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expository Writing (3 cr.)</td>
</tr>
<tr>
<td>General Chemistry for Engineers (3 cr.)</td>
</tr>
<tr>
<td>Analytical Physics 1A (2 cr.)</td>
</tr>
<tr>
<td>Calculus I for Math &amp; Physical Sciences (4 cr.)</td>
</tr>
<tr>
<td>Byrne Seminar (1 cr.)</td>
</tr>
<tr>
<td>First-Year Interest Group Seminar (1 cr.)</td>
</tr>
</tbody>
</table>

*For spring: Engineering Orientation Lecture*
Incorporating Electives

What is an Elective? **An elective is a course that does not fulfill a requirement within a student’s major, minor, or SAS Core, but earns credit toward graduation. All students need electives to graduate.**

We can’t stress this enough: **Exploration is the key** to crafting a meaningful academic experience. Entering students can select from over 200 classes, all of which will help you broaden your thinking about your academic plans. As you review your options, you’ll notice that topics in which you may be interested can be found in unexpected places.

We know that many high school students may not have had opportunities to consider courses beyond their requirements, and advisers will help you become more comfortable with that freedom. To get you started, we’ve created some groupings here to illustrate the surprising ways to study certain themes. Feel free to use these as a guide...or just as a springboard to create your own groupings!

<table>
<thead>
<tr>
<th>Film &amp; Cinema Studies</th>
<th>Law, Justice, and Politics</th>
<th>Literatures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Experience &amp; Film Medium (Africana Studies)</td>
<td>The American Dream (American Studies Signature Course)</td>
<td>Offerings in Comparative Literature and English, plus:</td>
</tr>
<tr>
<td>Being Human (Comparative Literature)</td>
<td>Intro to Criminal Justice (Criminal Justice)</td>
<td>Literary Egypt (AMESALL)</td>
</tr>
<tr>
<td>Intro to Film (English)</td>
<td>Intro to Philosophy (Philosophy)</td>
<td>Classical Lit. of Africa, Middle East &amp; South Asia (AMESALL)</td>
</tr>
<tr>
<td>France in the World-The World in France (French)</td>
<td>Intro to Ethics (Philosophy)</td>
<td>Intro to the Literatures of Africa (AMESALL)</td>
</tr>
<tr>
<td>A-Bomb Literature &amp; Film in Japan (Japanese)</td>
<td>Nature of Politics (Political Science)</td>
<td>Intro to Literatures of the Middle East (AMESALL)</td>
</tr>
<tr>
<td>Korean Cinema (Korean)</td>
<td>Law &amp; Politics (Political Science)</td>
<td>Vietnamese Literature in Translation (Asian Studies)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Global Climate Change</th>
<th>Current Events</th>
<th>The Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Climate System (Geography)</td>
<td>The Contemporary American (American Studies)</td>
<td>Politicizing Beyoncé (American Studies)</td>
</tr>
<tr>
<td>Sea Change: Rise &amp; Fall of Sea Level &amp; the Jersey Shore (Geology Signature Course)</td>
<td>Contemporary Photography (Art History)</td>
<td>Intro to Art History (Art History)</td>
</tr>
<tr>
<td>Energy &amp; Climate Change (Interdisciplinary Signature Course)</td>
<td>East Asian Civilizations: Modern (Asian Studies)</td>
<td>Contemporary Photography (Art History)</td>
</tr>
</tbody>
</table>

| | Intro to Modern Middle East (Middle Eastern Studies) | France in the World-The World in France (French) |
| | Current Moral & Social Issues (Philosophy) | History of Jewish Art (Jewish Studies) |
| | Intro to International Relations (Political Science) | Art and Power (Russian) |
| | Religions Now: 21st Century Controversies (Religion Signature Course) | |
### Antiquity (Old Stuff)

*Offerings in Classics, History, and Religion, plus:*
- Classical Lit. of Africa, Middle East & South Asia (AMESALL)
- Extinction (Anthropology Signature Course)
- Intro to Archaeology (Anthropology)
- Intro to Art History (Art History)
- Greek & Roman Mythology (Classics)
- Food and Drink in the Ancient World (Classics)
- Harvest of Middle Ages (History)
- Jewish Society and Culture (Jewish Studies)
- Classical Jewish Philosophy (Jewish Studies)
- The Dead Sea Scrolls (Jewish Studies)
- Religions of the Eastern World (Religion)

### Love and Sex

*Sexuality in Ancient Greece and Rome (Classics)*
*Major French Writers in Translation: Desire in Literature (French)*
*Europe: Gender, Sex, and Society (History)*
*Love and Death in the Russian Short Story (Russian)*
*Introduction to Gender, Race, and Sexuality (Women’s and Gender Studies)*
*Dynamics of Class, Race & Sex (Women’s and Gender Studies)*

### Health Professions

*Intro to Human Evolution (Anthropology)*
*Being Human (Comparative Literature)*
*Current Moral & Social Issues (Philosophy)*
*Intro to Ethics (Philosophy)*
*General Psychology (Psychology)*
*Sociology of Medicine & Health Care (Sociology)*

### Technology & Data

*Intro to Computers & Their Applications (Computer Science)*
*Intro to Multimedia Composition (English)*
*Intro to Media (Communication & Media)*
*Information Technology & Informatics (Communication & Media)*

### Business

*Intro to Microeconomics (Economics)*
*Intro to Ethics (Philosophy)*
*Intro to International Relations (Political Science)*
*General Psychology (Psychology)*
*Intro to Labor Studies & Employment (Labor Studies)*
*Work and Society (Labor Studies)*
*Youth and Society (Labor Studies)*
*Also consider studying a foreign language!*

### The Power of Language

*Language & Society in Africa, Middle East & South Asia (AMESALL)*
*Extinction (Anthropology Signature Course)*
*Intro to Linguistic Anthropology (Anthropology)*
*Language, Power & the Power of Language (Arts & Sciences)*
*Language and Identity in Modern China (Chinese)*
*Being Human (Comparative Literature)*
*Once Upon A Time: Why We Tell Stories (English Signature Course)*
*Culture of Yiddish (Jewish Studies)*
*Intro to the Study of Language (Linguistics)*
*Stories of Russian Life: Memories, Invention, Experience (Russian)*
*And, Rutgers offers courses in over 25 foreign languages!*

### America: Past and Present

*Offerings in American Studies and History, plus:*
- Black Experience in America (Africana Studies)
- The American Dream (American Studies Signature Course)
- Asian American Experiences (Asian Studies)
- Development of US (History)
- American Government (Political Science)
- Minority Groups in American Society (Sociology)

### World War II

*A-Bomb Literature & Film in Japan (Japanese)*
*History of the Holocaust (Jewish Studies)*
*World War II (History)*

### Let’s Eat!

*Food and Drink in the Ancient World (Classics)*
*Italian Culture (Italian)*
*Sociology of Food and Eating (Sociology)*
A few final thoughts about requesting courses....

⇒ **Ask questions!** Talk to advisers to identify courses and subjects in which you are interested.

⇒ **Don't overextend yourself!** We recommend 4-5 courses (12-16 credits) in your first semester. Four courses will NOT put you behind for graduation. One college credit requires one hour of classroom time and two hours of independent studying each week. That’s **at least** a 9 hour commitment each week for one 3 credit course and 36 hours per week for a 12 credit registration!

⇒ **Enjoy your summer!** Once you’ve made your choices, the deans will review your requests, placement test results, AP scores, and prior college courses to design a schedule for you. We’ll email you on August 20 when it’s ready to view online. You will have the option to make changes during add/drop in the first week of classes. Plan to attend a Registration Workshop during Fall Orientation to learn more about that process.

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**What R U doing this summer?**

The first-year deans generally suggest that you use your summer to relax, work, or spend time with friends and family before you start the hectic life of a college student! We do not recommend summer courses, but if you are considering them, please contact us. Any summer classes MUST be preapproved or you risk the credits not transferring.

Go to tinyurl.com/ruthinkingofsummer to see our blog post on summer classes and email us with questions!

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**Thinking ahead to the fall....**

It’s no secret that college students struggle in their first year. Many students, including those with strong grades in high school, sometimes earn low grades in their first semester because they don’t know how to study effectively, they underestimate how many hours of studying are necessary to succeed, or they get caught up in the new freedoms in college.

Visit an academic coach or attend a workshop at the Rutgers Learning Centers (rlc.rutgers.edu) in your first semester for help with structuring your time or improving your study strategies.

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