



Directions for Undergraduate Program Director Reports:

1. Talk to students in your major, ask around if there are any current academic issues.
(ex: class conflicts within the major, issues with professors, etc)
2. Look at Degree Navigator, write down the course requirements
3. Formulate a list of things you would like to know about the program (corporate connections with the university, current research projects, opportunities for students to get involved, etc)
4. Email Undergraduate Program Director and Arrange Appointment
5. Fill out Undergraduate Report Sheet
6. email to vicepresident@sgc.rutgers.edu and complete by December 4th



Name: Priti Patel

Major: Biological Sciences

Date: April 2019

Semester: Spring 2019

Undergraduate Program Director: Dr. Anne Carr- Schmid

UPD Contact Information:

Advisor@biology.rutgers.edu

Nelson Laboratories, Room B-112 (848) 445-2075

I. Major Options - What options are offered within the major? How do they differ?

Not any options available, it is a very broad major

II. Total number of students within the major

~200

III. Goals within the major - What are expectations of students post-graduation?

Most students find jobs in research fields, or apply to many different graduate school like medical school, dental school, physican asisstant school, or education.

IV. Major Courses - What is the goal of each course? What should students be learning?

General Biology I and II w/ lab

General Chemistry I and II w/ lab

Calculus

Organic Chemistry I and II w/ lab

General Physics I and II w/lab

Genetics

Life Science Elective Courses

Goals for these courses include getting a general idea of what the major is like, it also gives a general idea and basic understanding needed for the future , and completing these prerequisites in order to take classes more specific to one's interest like genetics or biochemistry

V. Concerns/Student issues with classes? How to resolve, suggestions?

None

VI. Things going on within the major (Research, Visitors, Talks, Seminars within the major)

Research Mixers offered by SEBS and SAS, Seminars presented by SEBS, cell biology and neuroscience, Molecular Biology & Biochemistry, and Genetics department.

VII. Research Opportunities

Aresty - <https://aresty.rutgers.edu>

CBN- <http://mbb.rutgers.edu/faculty>

SEBS- <https://sebs.rutgers.edu/faculty/>

Genetics- <https://genetics.rutgers.edu/faculty/faculty-list>

Rutgers offers a list of information to contact faculty, they often post a brief summary of the research they are running, so if you are interested it is best to contact them.

There is also a helpful link on how to approach faculty when asking for a position - <http://mbb.rutgers.edu/undergraduate/undergraduate-research/2-uncategorised/33-finding-a-lab-to-do-an-undergraduate-research-project>

VIII. Job Outlook, suggestions for students in this major (ex: organizations to join, news

to pay attention to)

Biology Club

SPIN program which allows you to earn credit for working or volunteering a job that's related to your career

Research mixers

Student Employment Office

RWJMS- Summer Undergraduate Research Program

IX. Changes within the major in the upcoming year?

None

X. Other Suggestions

Look into learning centers if you are having trouble with a class, they are very helpful and have many walk-in hours suitable for anyone.

Degree navigator is also very informative and helpful when choosing classes and staying on top

Requirement V3 : Non-Life Science Core - Types: Major - 6 Courses

General Chemistry and Lab

01:160:162 (General Chemistry I), 01:160:162 (General Chemistry II), 01:160:171

Or

01:160:163 (Honors General Chemistry I), 01:160:164 (Honors General Chemistry II), 01:160:171 (Intro to Experimentation).

Organic Chemistry Lecture

01:160:307 (Organic Chemistry 1), 01:160:308 (Organic Chemistry 2)

Or

01:160:315 (Honors Organic Chemistry 1), 01:160:316 (Honors Organic Chemistry 2) Organic Chemistry Lab

01:160:313 (Organic Chemistry Laboratory), 01:160:314 (Organic Chemistry Laboratory)

OR

01:160: 311 (Organic Chemistry Laboratory)

Requirement V4: Non-Life Science Core - Types: Major - 2 Courses Calculus I

01:640:135 (Calculus 1)

Calculus II Or

Upper Level Statistics Or

Introductory Statistics

Requirement V5: Non-Life Science Core - Types: Major - 2 Courses Physics I - Lecture

01:750:193 (Physics for the Sciences)

Or

01:750:201 (Extended General Physics)

Or

01:750:203 (General Physics)

Physics II - Lecture

01:750:194 (Physics for the Sciences)

Or

01:750:202 (Extended General Physics)

Or

01:750:204 (General Physics)

Requirement V6: Non-Life Science Core - Types: Major - 2 Courses

Physics I - Lab

01:750:193 (Physics for the Sciences)

Or

01:750:201 (Extended General Physics)

Or

01:750:205 (General Physics Lab)

Physics II - Lab

01:750:193 (Physics for the Sciences)

Or

01:750:201 (Extended General Physics)

Or

01:750:206 (General Physics Lab)

Requirement V7: Life Science Electives - 24 Credits

Find at <https://biology.rutgers.edu>

Requirement V8 : Life Science Electives - 3 Courses

Find at <https://biology.rutgers.edu>

Requirement V9 : Upper Level Courses - 18 Credits

Find at <https://biology.rutgers.edu>