Rev. October 2014

Rutgers University – Camden
Undergraduate Biology

Required Course Plan Form

STUDENT INFORMATION		
Student Name:	Signature:	Date:
Advisor:	Signature:	Date:

BASIC COURSES					
Review by Advisor	Courses	Minimum Credits	Course Number	Completed Credits BEE/ORC[1]	Completed year/semester
☐	General Biology I with a lab[1]	4	120:101,107		
☐	General Biology II with a lab[1]	4	120:102,108		
☐	Calculus[2]	3	640:130 or 121		
☐	Principles and Practices of Quantitative Research[3]	3	120:283		
☐	Chemical Principles I with a lab	4	160:115, 125		
☐	Chemical Principles II with a lab	4	160:116,126		
☐	Organic Chemistry I with a lab[4]	5	160:335,336		
☐	General Physics I	4	750:203/131/133		
☐	General Physics II	4	750:204/132/134		
☐	Principles and Practices of Biological Research[5]	3	120:295		

ELECTIVE COURSES WITH A LAB (3 COURSES)[6]					
Review by Advisor	Courses	Minimum Credits	Course Number	Completed Credits	Completed year/semester
☐					
☐					
☐					

ELECTIVE COURSES (4 COURSES)					
Review by Advisor	Courses	Minimum Credits	Course Number	Completed Credits	Completed year/semester
☐					
☐					

☐					
☐					
SENIOR WRITING					
Review by Advisor	Courses	Minimum Credits	Course Number	Completed Credits	Completed year/semester
☐					

The following course requirements are for students seeking to receive BS in Biology with Thesis Honor recognition.

THESIS HONORS[7]					
Review by Advisor	Courses	Minimum Credits	Course Number	Completed Credits	Completed year/semester
☐	Special Problems in Biology	3	120:491		
☐	Special Problems in Biology	3	120:492		
☐	Senior Thesis I	3	120:498		
☐	Senior Thesis II	3	120:499		

[1] All students (including transfer students) are required to take Gen Bio I and II, and a 'C' or better grade is required for taking Biology electives. Transfer students who took equivalent courses in other colleges can be exempt from taking the Gen Bio courses at RUC by taking the Biology Entrance Exam (BEE) with a 70/100 or better score. When the transfer students cannot get a 70 or better score in BEE, the students have an option to take the Online Recitation Course (ORC), which is offered in spring and summer semesters. Once students pass ORC, it is equivalent to passing BEE. Advisors/Faculty mentors should indicate whether the students earned C or better grade in Gen Bio I and II, or passed BEE or ORC.

[2] Calculus for Life Sciences or Unified Calculus.

[3] PPQB course will be offered in Fall semester. Any statistics course with a course number 200 or above is acceptable in replacement of PPQB. However, it is advised for Biology major students to take PPQB; recommended sequence of courses for sophomores is PPQB (fall) followed by PPBR (in the following spring).

[4] Organic Chemistry II with a lab (160:339,340) is not required for the Biology Major. However, Organic Chemistry II with a lab (160:339,340) is required for the admission of medical professional schools. Students planned to apply Medical Schools or Physician's Assistance schools should plan to take them either in the second semester of sophomore or in the senior year.

[5] This course is a prerequisite for all electives with a lab. Students are recommended to take the course in the second semester of sophomore year. All transfer students are required to take the course within one year after transfer into Rutgers University-Camden.

[6] Special Problems in Biology (50:120:491,492) can be used toward the elective laboratory requirement for the degree. To use the Special Problems in Biology toward the Biology elective lab requirement, the following condition has to be met;

- Students must co-register with Biology Seminar, and are required to present a seminar.
- Students must take it for the letter grade, not pass/fail grade.
- Students must take it for at least three credits (minimum 9 hrs lab work per week).
- Only one course (50:120:491) will be counted toward the Biology elective lab course requirement.

[7] Taking Special Problems in Biology (50:120:491,492) in two consecutive semesters is required for taking the Thesis Honor course.