

Biology: Pharmacy EAP(Joint LECOM***)**
3+4 Track
Recommended Four-Year Plan (Fall 2017)

The recommended four-year plan is designed to provide a blueprint for students to complete their degrees within four years. These plans are the recommended sequences of courses. Students must meet with their Major Advisor to develop a more individualized plan to complete their degree. This plan assumes that no developmental courses are required. If developmental courses are needed, students may have additional requirements to fulfill which are not listed in the plan.

NOTE: This recommended Four-Year Plan is applicable to students admitted into the major during the 2017-2018 academic year.

First Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
Gen Ed: INTD 101-First Year Seminar	4		BIOL 112-Fundamentals of Biology II*	4	
CHEM 116-General Chemistry I Lecture	4		CHEM 117-General Chemistry II Lecture*	4	
CHEM 116L-General Chemistry I Lab	1		CHEM 117L-General Chemistry II Lab	1	
BIOL 111-Fundamentals of Biology I Lecture	4		Gen Ed: MATH 121-Calculus I	4	
BIOL 111L-Fundamentals of Biology I Lab	1		Gen Ed: SOSC 101-Social Issues	4	
Gen Ed: CRWT 102-Critical Reading & Writing II	4				
Total:	18		Total:	17	

Summer Semester	HRS	✓
Ged. Ed: Intercultural North America	4	
Total:	4	

Second Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
CHEM 211-Organic Chemistry I Lecture	4		BIOL 407-Cell & Molecular Biology*	4	
CHEM 211L-Organic Chemistry I Lab	1		BIOL 407L-Cell & Molecular Biology* WI	1.5	
BIOL 332-Genetics*	4		BIOL 356-Evolution* WI	4	
BIOL 332L-Genetics Lab WI	1.5		Gen Ed: AIID 201-Readings in Humanities	4	
Gen Ed: International Issues	4		CHEM 213-Organic Chemistry II Lecture	4	
Gen Ed: History	4		CHEM 213L-Organic Chemistry II Lab	1	
Total:	18.5		Total:	18.5	

Summer Semester	HRS	✓
ECON 101-Microeconomics OR ECON 102-Macroeconomics	4	
Total:	4	

Third Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
PHYS 111-Fundamentals of Physics I	4		PHYS 113-Fundamentals of Physics II Lecture*	4	
PHYS 118L-Introductory Physics I Lab	1		PHYS 119L-Introductory Physics II Lab	1	
CHEM425 Biochemistry	4		BIOL 221-General Ecology	4	

Biology Elective* can be with a lab (eg. Microbiology)	4-5.5		Biology Elective*	4	
PSYC 242-Statistics or ENSC345 Research & Design Statistics	4		Gen. Ed: Topics in Arts & Humanities or Topics in Social Science	4	
Total:	17-18.5		Total:	17	

Fourth Year
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Total Credits Required: 128 credits (actual RCNJ credits = 114-115.5)

Minimum GPA: 3.4

Science Classes GPA: 3.2

*This course has a pre-requisite. Please refer to the course catalog for information about pre-requisites.

*Pre-requisite for Biology elective is at least a "C" grade in BIOL110 and BIOL112.

**Admissions Early Acceptance Program

***Lake Erie College of Medicine

^AThis course requires a CLM test for placement purposes.

^BIf needed.

^C If Pre-Calculus is taken then a summer course would be needed between the First and Second year

WI: Writing Intensive-3 required in the major