

Biology: Medical College 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	4		CHEM 117-General Chemistry II Lecture*	4	
CHEM 116L-General Chemistry I Lab	1		CHEM 117-General Chemistry II Lab	1	
BIOL 111-Fundamentals of Biology I	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	

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	✓
Gen Ed: Intercultural North America	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	
CHEM 425-Biochemistry	4		BIOL 221-General Ecology	4	
Biology Elective* can be a course with a lab	4-5.5		Biology Elective*	4	
PSYC 242-Statistics or ENSC 345-Research Design & Statistics	4		Gen Ed: Topics in Arts & Humanities or Topics in Social Science	4	
Total:	18.5		Total:	17	

Fourth Year
Lake Erie College of Medicine

Total Credits Required: 128 credits (actual RCNJ credits = 111.5)

Minimum GPA: 3.5

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

***Biology Electives** require at least a “C” average in BIOL110 and BIOL 112.

****Admissions Early Acceptance Program**

*****Lake Erie College Of Medicine**

^A**This course requires a CLM test for placement purposes.**

^B**If needed.**

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

\$ This course double counts SCP with a Gen Ed

WI: Writing Intensive-3 required in the major