CHEMISTRY MAJOR - B.S. (CH-PR)

LECOM Pre-Dental Concentration

LECOM Pre-Dental Concentration Effective Fall 2021 to present					
First Year Fall CHEM 121 MATH 121 CHEM 192 WRIT 102 HIST XXX SOC SCI 1st CORE 103	Cree Chemical Principles I/Lab Calculus I Freshman Chem. Seminar Research Writing, <u>G.E.</u> History, <u>G.E.</u> Social Science (1 of 3), <u>G.E.</u> Fall Comm. Enrich., <u>G.E.</u>	dits 4 3 0 3 3 3 0 16	Spring CHEM 122 MATH 122 PHYS 121 CORE 113 RLST 105 CORE 104	Cre Chemical Principles II/Lab Calculus II General Physics I/Lab First Year Seminar, G.E. Francis & Glob. Iss., G.E. Spring Comm. Enrich., G.E.	-
Second Year Fall CHEM 221 BIOL 110 PHYS 122 LIT XXX FNAR XXX	Organic Chemistry I/Lab Biology I/Lab General Physics II/Lab Literature, <u>G.E.</u> Fine Arts, <u>G.E.</u> ***	4 4 4 3 3 3	Spring CHEM 222 CHEM 251 CHEM 292 PHIL 205 BIOL 111 SOC SCI 2nd	Organic Chemistry II/Lab Quantitative Analysis/Lab Sophomore Chem. Seminar Reason and Respons., <u>G.E.</u> Biology II/Lab Social Science (2 of 3), <u>G.E.</u>	4 3 0 3 4 3
Third Year Fall CHEM 321 CHEM XXX BIOL XXX MATH 221/306 PHIL/RLST EXAM 301	Physical Chemistry I/Lab Chemistry Elective** Pre-Professional Elective* Mathematics Elective Ethics Course, <u>G.E.</u> *** Writing Comp. Exam, <u>G.E.</u>	4 3 4 3 3 0	Spring CHEM 322 CHEM 405 CHEM 392 BIOL XXX SOC SCI 3rd	Physical Chemistry II/Lab Biochemistry I/Lab Junior Chem. Seminar Pre-Professional Elective* Social Science (3 of 3), <u>G.E.</u>	4 4 0 4 ***3
Fourth Year Fall CHEM 324 CHEM XXX XXX XXX XXX Mathematics E MATH 221	Inorganic Chemistry/Lab Pre-Professional Elective** Elective Elective Elective Iectives Calculus III	4 3 3 3 3 16 3 or	Spring CHEM 323 CHEM 457 LANG XXX XXX XXX	Instrumental Analysis/Lab Chemistry and Society Language, <u>G.E.</u> *** Elective Elective Differential Equations	3 3 3 3 3 15
*Pre-Profession BIOL 211 BIOL 205 BIOL 301	nal Electives (eight or more cre Comparative Anatomy/Lab Anatomy & Physiology I/Lab Genetics/Lab	edits must 4 4 4	be taken from the BIOL 302 BIOL 206 BIOL 406	e following) Microbiology/Lab Anatomy & Physiology II/Lab Vertebrate Physiology/Lab	4 4 4
**Pre-Profession CHEM 206 CHEM 308 CHEM 401 CHEM 404 CHEM 410 CHEM 501	nal Electives (three or more cr Human Toxicology Forensic Chemistry Spectroscopy Advanced Organic Chemistry Special Topics in Chemistry Independent Study in Chem.	3 3/4 3 ,	CHEM 305	ne following) Environmental Chemistry/Lai Chemistry Internship Biophysics Biochemistry II/Lab Undergraduate Research	5 4 3-4 3 4 1-4

^{***}If the course taken to satisfy one of these requirements (RLST/PHIL, FNAR, Soc Sci, LANG) is on the list of courses approved to satisfy the diversity requirement, then both requirements will be fulfilled with a single course. Otherwise a separate diversity course (3 credits) is needed.

To obtain an ACS certified degree you must take the following classes: CHEM 121, 122, 192, 221, 222, 251, 292, 321, 322, 323, 324, 392, 398/399 OR 499, 405, and 6 credits of CHEM electives (305, 308, 401,404, 407, 410, 501).

Note: Sequence of courses may be altered with advisor's approval.

Revised 05/20/2021