

Chemistry Major with Chemical Careers Emphasis (BS)

*Students may use this course to satisfy core requirements.

CHM 105 is not required for students who enter Lyon College with a score of 25 or better on the ACT mathematics section (or equivalent SAT score) and a grade of "C" or better in high school chemistry.

Methods of Chemical Research can be completed by taking CHM 280 or CHM 480 credit/s.

Meet 3 hours a week of chemical research for a minimum of two semesters.

Summary of Requirements for a Major in Chemistry (BS)

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Item #	Title	Credits
CHM 105	Introduction to Chemistry *	4
CHM 110	General Chemistry I	4
CHM 120	General Chemistry II	4
CHM 210	Organic Chemistry I	4
CHM 220	Organic Chemistry II	4
CHM 224	Quantitative Analysis	2
CHM 302	Instrumental Analysis	4
CHM 355	Physical Chemistry I	3
CHM 370	Junior Seminar	1
CHM 413	Advanced Inorganic Chemistry	3
CHM 490	Senior Seminar	1
MTH 210	Calculus I	4
MTH 220	Calculus II	4
	Fundamentals of Physics	8
	Chemistry Elective: Chemical Careers (3-4 credits)	3-4
	2 Semesters of Methods of Chemical Research	2

CORE CURRICULUM

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Item #	Title	Credits
	Core Curriculum Requirements (In addition to Major hours)	44-48
	Total Credits	95-104

Fundamentals of Physics

Select one of the following course sequences:

Fundamentals of Physics

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Item #	Title	Credits
PHY 240	Fundamentals of Physics I	3
PHY 241	Fundamentals of Physics I Laboratory	1
PHY 250	Fundamentals of Physics II	3
PHY 251	Fundamentals of Physics II Laboratory	1

Chemistry Elective: Chemical Careers (3-4 credits)

Select one of the following:

Item #	Title	Credits
CHM 356	Biochemistry	4
CHM 365	Physical Chemistry II	3
CHM 482	Topics in Chemistry	3

2 Semesters of Methods of Chemical Research