

Chemistry (CHEM) B.S.

Degree Requirements

Total Academic Credits: 120

Min. Cumulative GPA: 2.0

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Curriculum Notes

This sample plan assumes no Advanced Placement or Transfer Credits and Math Placement into MATH 150.

Students must complete a credit-bearing English and Mathematics course in the first year of study.

This sample plan is provided as a guide only. Students must meet with Academic and Faculty Advisors each semester for final approval of courses. The Academic Department makes all final decisions on course requirements for degree completion.

Year One

Fall Semester	Credits	Spring Semester	Credits
CHEM 107 General Chemistry	4	ENGL101 Expository Writing	3
MATH 150 Comprehen Pre-Cal	4	MATH 225 Calculus	4
FRSE 101 Freshman Seminar	3	Social Science Elective	3
BIOL 102 Introductory Biology	4	CHEM 108 Gen Chemistry II	4
Total	15	Total	14

Special note: If you place into MATH 90 your MATH course sequence will change, You will take MATH 90 & 141 first semester.

Year Two

Fall Semester	Credits	Spring Semester	Credits
ENGL 102 Argument & Research	3	CHEM 202 Organic Chemistry II	4
MATH 226 Calculus II	4	HEED 102 Life & Health	3
PHYS 271 General Physics I	4	PHYS 272 Gen. Physics II.	4
CHEM 201 Organic Chemistry I	4	COSC 112 Computer Science	4
Total	15	Total	15

Year Three

Fall Semester	Credits	Spring Semester	Credits
CHEM 301 Quantitative Analysis	3	CHEM 302 Instrumental Analysis	4
CHEM 311 Quant Analysis Lab	2	CHEM 309 Biochemistry	3
CHEM 305 Inorganic Chemistry	4	CHEM 406 Research in CHEM	3
Arts & Humanities Elective	3	Arts & Humanities Elective	3
Social Service Elective	3		
Total	12	Total	14

Year Four

Fall Semester	Credits	Spring Semester	Credits
CHEM 401 Physical Chemistry I	5	CHEM 402 Physical Chemistry II	3
CHEM 410 Phys Chemistry I Lab	2	CHEM 420 Phys Chemistry Lab	2
CHEM 405 Seminar in Chemistry	2	CHEM/BIOLOGICAL Advanced Elective	4
CHEM/BIOLOGICAL Advanced Elective	4	CHEM/BIOLOGICAL Advanced Elective	4
General Education Elective	3	Gen. Ed. Elective	4-6
	Total	Total	16
	14		

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