

- I. Core Curriculum Requirements: Courses totaling 32 s.h. must be completed in addition to the 12 s.h. of courses required for the major that will also meet core curriculum requirements (CHE 1101, 1110, 1102, 1120 and MAT 1110). Must complete ENG 1000 and 1100, HIS 1101 and 1102, 12 s.h. of humanities (courses must be from three different areas, including one literature course and one fine arts course), 6 s.h. of social science courses (selected from two different areas and 2 s.h. of physical activity/wellness courses). Foreign Language 1040 and 1050 may count toward the humanities requirement. **44**

Recommended humanities course: P&R 1100, Logic I (3 s.h.)

Recommended social science course: ECO 2030, Principles of Economic Price Theory (3 s.h.)

- II. Foreign Language: Completion of 6 s.h. of intermediate level of foreign language.

1040 (MC)(3 s.h.) _____ 1050 (MC)(3 s.h.) **or** _____ 1060 (MC)(6 s.h.) _____

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- III. Major Requirements (40 s.h. of Chemistry)

Note: A 2.0 average must be maintained in the major. (All courses in section III.)

CHE 1101 (ND)	Introductory Chemistry I	_____	[3 s.h.]
CHE 1110	Introductory Chemistry I Lab	_____	[1 s.h.]
CHE 1102 (ND)	Introductory Chemistry II	_____	[3 s.h.]
CHE 1120	Introductory Chemistry II Lab	_____	[1 s.h.]
CHE 2201	Organic Chemistry I	_____	[3 s.h.]
CHE 2203	Organic Chemistry I Lab	_____	[1 s.h.]
CHE 2202	Organic Chemistry II	_____	[3 s.h.]
CHE 2204 (W)	Organic Chemistry II Lab	_____	[1 s.h.]
CHE 2210 (W)	Quantitative Analysis	_____	[4 s.h.]
CHE 3000 (S)	Introduction to Chemical Research	_____	[1 s.h.]
CHE 3301 (C)	Physical Chemistry I	_____	[3 s.h.]
CHE 3302 (C)	Physical Chemistry II	_____	[3 s.h.]
CHE 3303 (W)	Physical Chemistry I Laboratory	_____	[1 s.h.]
CHE 3304 (W)	Physical Chemistry II Laboratory	_____	[1 s.h.]
CHE 3404	Inorganic Chemistry	_____	[3 s.h.]
CHE 3405	Inorganic Chemistry Laboratory	_____	[1 s.h.]
CHE 4000 (S)	Chemistry Seminar	_____	[1 s.h.]
CHE 4400 (S)	Senior Research	_____	[1 s.h.]

An additional 5 s.h. of chemistry courses above the 3000 level must be taken (CHE 3520 and 4610 are excluded).

Major Designators

2 Writing (W) _____

1 Speaking (S) _____

Communication Proficiency _____

Other Designators

4 Writing (W) _____

(ENG 1000/1100 will count as 2 W)

4 Multi Cultural (MC) _____

(HIS 1101/1102 will count as 2 MC)

1 Cross Disciplinary (CD) _____

2 Numerical Data (ND) _____

2 Computer(C) _____

CHE 4560 (W) Instrumental Methods of Analysis and CHE 4580 Biochemistry I are strongly recommended. If CHE 4560 and 4580 are chosen, this degree is approved by the American Chemical Society's Committee on Professional Training.

Physics (10 s.h.)

PHY 1150 (W, ND) Analytical Physics I _____ PHY 1151 (W, ND) Analytical Physics II _____

Mathematics* (8 s.h.)

MAT 1110 (ND) Calculus with Analytic Geometry I _____ MAT 1120(ND) Calculus with Analytic Geometry II _____

*Students taking a college algebra course before MAT 1110 should enroll in MAT 1025, Algebra and Elementary Functions

Other Science (6-8 s.h.) _____

An additional 6-8 s.h. selected from either astronomy, biology, geology, or physics. (Physics courses at the 1000 level, and PHY 3350, are not accepted).

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NOTE: A major in chemistry may not count more than a total of 40 semester hours in chemistry toward the degree.

- IV. Minor (required)

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NOTE: Minor cannot exceed 22 s.h. to allow for 2 s.h. required free elective.

- V. Free electives - at least one 2 s.h. elective

2-14
122-128