Catalog Year 2026-2027

Department of Chemistry
EASTERN ILLINOIS UNIVERSITY
Charleston, Illinois 61920

SUGGESTED FOUR-YEAR PLAN OF STUDY FOR THE CHEMISTRY MAJOR
B.S. with Chemistry Concentration (Meets ACS certification)

FRESHMAN YEAR

Fall Semester (16 SH)		SH	*Spring Semester (15-16 SH)*		SH
CHM 1310G/1390G	General Chemistry I	3	CHM 1410	General Chemistry II	3
CHM 1315G/1395G	General Chemistry Laboratory I	1	CHM 1415	General Chemistry Laboratory II	1
ENG 1001G	Composition and Language	3	ENG 1002G	Composition and Literature	3
PHY 1151G or 1351G	Principles/General Physics I	3	PHY 1161G or 1361G	Principles/General Physics II	3
PHY 1152G or 1352G	Principles/General Physics I Laboratory	1	PHY 1162G or 1362G	Principles/General Physics II Lab	1
MAT 1441G	Calculus and Analytic Geometry I	5	MAT 2442 or 2250G	Calculus II or Elementary Statistics	4-5

SOPHOMORE YEAR

Fall Semester (15 SH)			SH	*Spring Semester (13 SH)*			SH
CHM	2440	Organic Chemistry I	3	* CHM	2310	Inorganic Chemistry I	3
CHM	2445	Organic Chemistry Laboratory I	1	CHM	2840	Organic Chemistry II	3
CHM	2730	Quantitative Analysis	3	CHM	2845	Organic Chemistry Laboratory II	1
* CHM	3500	Introduction to Chemical Research	1	General Education Electives			6
CMN	1310G	Intro to Speech Communication	3				
General Education Electives			3				

JUNIOR YEAR

Fall Semester (12-15 SH)			SH	*Spring Semester (12-15 SH)*			SH
CHM	3000	Chemistry Seminar I	0	CHM	3001	Chemistry Seminar II	1
* CHM	3450	Biochemistry I	3	* CHM	3915	Physical Chemistry Laboratory	2
* CHM	3910	Physical Chemistry Foundations	3	* CHM	4920	Advanced Physical Chemistry	3
* CHM	4830	Instrumental Analysis	3	General Education Electives			3-6
General Education Electives			3-6	Chemistry Electives[a]			0-3

SENIOR YEAR

Fall Semester (12-15 SH)			SH	*Spring Semester (12-13 SH)*			SH
CHM	4000	Chemistry Seminar III	0	CHM	4001	Chemistry Seminar IV	1
* CHM	4900	Inorganic Chemistry II	3	* CHM	4915	Advanced Laboratory	3
EIU	4xxxG	Senior Seminar	3	General Education Electives			3-6
General Education Electives			3-6	Chemistry Electives[a]			0-3
Chemistry Electives[a]			0-3				

* Offered only during the term listed

Minimum Hours Required for Graduation: 120
(must include 40 SH of course work numbered ≥ 3000. as described above, totals to 31 credits so need 9 sh as additional elective or gen ed))

[a] Electives:

→ 3 SH of CHM electives required. Electives must include one semester hour of 3000 level or higher chemistry laboratory work for ACS certification.
Courses that may be used are: Undergraduate Research CHM 4400, Honors Research CHM 4555, CHM 3455 or CHM 4780.