

Undergraduate Major Map

Catalog Year 2023
College / School Arts, Sciences & Education
Major Chemistry - BS
Track / Concentration
Career Path Two Year Transfer

Fall Term 2023 May use one 3000-4000 Level Elective to satisfy the Elective Outside the Major requirement (if needed) *Course availability subject to change. Please see Academic Advisor.				Term Hours: 14 Cum GPA: 2
Course Group	Course Required	Course Description	Credit Hours	Course Notes
Chemistry Core	CHM 3120	Intro Analyt Chem	3	Prerequisites: CHM 1046 and CHM 1046L
Chemistry Core	CHM 3120L	Intr Analyt Chm Lab	1	Prerequisite or Corequisite: CHM3120
Chemistry Math Continued			3	Choose 1 of the following: MAC2313 or MAP2302
3000-4000 Level Electives			3	Global Learning Discipline Specific Course Recommended
Chemistry Core	CHM 4304	Biol Chemistry I	3	Prerequisites: CHM 2211 and CHM 2211L
Chemistry Lab			1	Select CHM4230L or CHM4304L

Spring Term 2024 May use one General Elective to satisfy the Global Learning requirement. See endnotes				Term Hours: 14 Cum GPA: 2
Course Group	Course Required	Course Description	Credit Hours	Course Notes
Chemistry Core	CHM 3610	Fund Inorganic Chem	3	Prerequisites: CHM 2211 and CHM 2211L
3000-4000 Level Electives			3	Global Learning Discipline Specific Course Recommended
Chemistry Core	CHM 3410	Phys Chem I	4	Pre-Requisites: CHM3120/L, MAC2311, MAC2312, PHY2049/L. Co-requisite: CHM3410L
Chemistry Core	CHM 3410L	Phys Chm Lab I	1	
Chemistry Core	CHM 4220	Adv Org Chem	3	Prerequisites: CHM 2211 and CHM 2211L

Summer Term 2024				Term Hours: 6 Cum GPA: 2
Course Group	Course Required	Course Description	Credit Hours	Course Notes
Chemistry Research	CHM 4910L	Under Res Chem	3	Research completed alongside a Faculty Advisor.
3000-4000 Level Electives			3	Consult with Academic Advisor.

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Fall Term 2024 Apply for Spring Graduation May use one 3000-4000 Level Elective to satisfy the Global Learning requirement. (2) See endnotes May use one 3000-4000 Level Elective to satisfy the Elective Outside the Major requirement (if needed)				Term Hours: 13 Cum GPA: 2
Course Group	Course Required	Course Description	Credit Hours	Course Notes
3000-4000 Level Electives			3	Consult with Academic Advisor
Chemistry Core	CHM 3411	Phys Chem II	4	Pre-Requisites: CHM3410 and CHM3411
Chemistry Core	CHM 3411L	Phys Chem Lab II	2	
Chemistry Core	CHM 3610L	Inorganic Chemistry Lab	1	Pre-Requisite: CHM3610
Lecture Elective			3	4000 level Chemistry Lecture (Refer to Panther Degree Audit for list of class options)

Spring Term 2025 Students are required to take a nationally-normed chemistry examination in their last semester before graduation. Please contact the chemistry department for more information. May use one 3000-4000 Level Elective to satisfy the Elective Outside the Major requirement (if needed).				Term Hours: 13 Cum GPA: 2
Course Group	Course Required	Course Description	Credit Hours	Course Notes
3000-4000 Level Electives			1	Consult with Academic Advisor.
Senior Seminar	CHM 4930	Senior Seminar	1	Senior standing in last term of enrollment. Advisor permission required.
Chemistry Core	CHM 4130	Instrument Analysis	3	Pre-Requisites: CHM3120/L, CHM2211/L, CHM3410, PHY2048/L, PHY2049/L
Chemistry Core	CHM 4130L	Instr Analysis Lab	1	
Chemistry Lab			1	Select CHM4230L or CHM4304L
3000-4000 Level Electives			3	Consult with Academic Advisor.
3000-4000 Level Electives			3	Consult with Academic Advisor.

Summer Term 2025 Use this Semester to catch up on coursework if necessary.	Cum GPA: 2
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General Requirements

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