

Minor Map for Chemistry (CHEM-M) 2011-12 through 2024-25 Catalog Years



Last Updated: May 1, 2024

Transfer Coursework Restriction: At least 50% of a student's Arts and Sciences (ARSC) major or minor must be taken at the University of Arkansas.

Category	Degree Requirements	Curriculum Notes
PRE-REQUISITES FOR THE MINOR 8 hrs*	Choose 1 sequence: ____ CHEM 12073/12071, Chemistry for Majors I (Fall only. pre-req: MATH 11003 or higher or see course description for math placement) ____ CHEM 12283/12281, Chemistry for Majors II (Spring only. Co- or pre-req: MATH 1284c or higher. Pre-req: CHEM 12073/12071 or CHEM 14103/14101) OR: ____ CHEM 14103/14101, University Chemistry I (pre-req: MATH 11003 or see course description for math placement) ____ CHEM 14203/14201 (or CHEM 142H3/142H1), University Chemistry II (pre-req: CHEM 14103 and MATH 11003 or see course description for math placement)	*While not listed in the catalog as requirements, these 8 hours are pre-requisites to multiple classes in the minor.
ANALYTICAL CHEMISTRY 4 hrs	____ CHEM 22673/22671 , Analytical Chemistry (pre-req: CHEM 14203 or 12283 and MATH 11003 or see course description for math placement)	Students on a four-year plan need to finish this by the end of their Junior year.
ORGANIC CHEMISTRY 8 hrs	____ CHEM 36053/36051 (or CHEM 360H3/360H2) , Organic Chemistry I (Pre-req: CHEM 14203 142H3, or 12283) ____ CHEM 36203/36201 (or CHEM 362H3/362H2) , Organic Chemistry II(Pre-req: CHEM 36053, 360H3, or 37073)	Students can also take: <input type="checkbox"/> CHEM 37073/37072, Organic Chemistry for Majors I (Fall only. Pre-req: CHEM 14203, CHEM 142H3, or 12283) <input type="checkbox"/> CHEM 37203/37202, Organic Chemistry for Majors II (Spring only. Pre-req: CHEM 37073)
PHYSICAL CHEMISTRY 4 hrs	____ CHEM 34603/34601 Elements of Physical Chemistry (Fall only. Pre-req: CHEM 22673; PHYS 20203, 20404, or 204H4; and MATH 24004 or 22003.	Students on a four-year plan must finish Analytical Chemistry, Physics 1 and 2, and calculus before their Senior year to finish this minor. *While not listed in the minor requirements, the course description for CHEM 34603 requires all Chemistry majors and minors to take CHEM 34601
CHEMISTRY ELECTIVE 3 hrs	Take an additional upper-level CHEM class: ____ CHEM 30000+ _____	CHEM 3999T or 4999T transfer courses can count here as long as students still meet the 50% rule. Not all 999T classes pull into the degree audit automatically, so students may need to request classes be moved into the minor by their academic advisor. Some classes may have additional Pre-requisites.