

Minor Map for Chemistry (CHEM-M) 2011-12 through 2026-27 Catalog Years



Last Updated: Apr. 29, 2026

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: ☐ CHEM 37073/37072 Organic Chemistry for Majors I (Fall only. Pre-req: CHEM 14203 CHEM 142H3 or 12283) ☐ 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+ ____	Some classes may have additional Pre-requisites.
CHEM-M Residency Rule 0 Additional Hours	Of courses taken for the above requirements students must complete 9 hours of courses with the CHEM course prefix in residence.	In residence means courses taken from the University of Arkansas Fayetteville Campus. This includes UA faculty-led study abroad classes online/on-campus classes and Global Campus courses and all other courses paid towards Fayetteville campus tuition and fees.