

Minor Map for Chemistry (CHEM-M) 2011-12 through 2023-24 Catalog Years



Last Updated: January 19, 2024

Department Information:

Faculty who have exception/substitution authority: Colin Heyes

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 1203/1201L, Chemistry for Majors I (Fall only. pre-req: MATH 1203 or higher or see course description for math placement) ____ CHEM 1223/1221L, Chemistry for Majors II (Spring only. Co- or pre-req: MATH 1284c or higher. Pre-req: CHEM 1203/1201L or CHEM 1103/1101L) OR: ____ CHEM 1103/1101L, University Chemistry I (pre-req: MATH 1203 or see course description for math placement) ____ CHEM 1123/1121L, University Chemistry II (pre-req: CHEM 1103 and MATH 1203 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 2263/2261L , Analytical Chemistry (pre-req: CHEM 1123 or 1223 and MATH 1203 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 3603/3601L , Organic Chemistry I (Pre-req: CHEM 1123 or 1223) ____ CHEM 3613/3611L , Organic Chemistry II(Pre-req: CHEM 3603 or 3703)	Students can also take: <input type="checkbox"/> CHEM 3703/3702L, Organic Chemistry for Majors I (Fall only. Pre-req: CHEM 1123 or 1223) <input type="checkbox"/> CHEM 3713/3712L, Organic Chemistry for Majors II (Spring only. Pre-req: CHEM 3703)
PHYSICAL CHEMISTRY 4 hrs	____ CHEM 3453/3451L , Elements of Physical Chemistry (Fall only. Pre-req: CHEM 2263, PHYS 2033 or 2074, and MATH 2554 or 2043.	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 3453 requires all Chemistry majors and minors to take CHEM 3451L
CHEMISTRY ELECTIVE 3 hrs	Take an additional upper-level CHEM class: ____ CHEM 3000+ _____	CHEM 399T or 499T transfer courses can count here as long as students still meet the 50% rule. Not all 99T 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.