

CHEMISTRY MINOR

- This worksheet is intended for supplemental use only. The University will use your Academic Requirements Report (ARR) to track your graduation requirements, including those for your minor. Please continue to check your ARR for accuracy.
- If your ARR requires a correction, please submit an [ARR Correction Form](#).
- Your [Degree Planner](#) (in [mycsusm.edu](#)) will display the following requirements in the University's recommended sequence.
- All courses used for the minor must be completed with a grade of C (2.0) or higher.
- All non-articulated courses MUST be reviewed and approved by a faculty advisor.
- Biochemistry majors may not minor in Chemistry.

LOWER-DIVISION COURSEWORK (19 UNITS)

Need <input checked="" type="checkbox"/>	Course	Units
<input type="checkbox"/>	CHEM 150: General Chemistry (*CPE ^c , CHEM 101 or 105 and MATH 101, 105 or MATH Category 1 or 2)	4
<input type="checkbox"/>	CHEM 150L: General Chemistry Laboratory (*CHEM 150)	1
<input type="checkbox"/>	CHEM 160: General Chemistry II (*CHEM 150, 150L and MATH 125, 126 or 160)	3
<input type="checkbox"/>	CHEM 175: General Chemistry Laboratory II (*CHEM 150, 150L, *CHEM 160 or 162)	1
<input type="checkbox"/>	CHEM 201: Organic Chemistry (*CHEM 160 or 162)	3
<input type="checkbox"/>	CHEM 201L: Organic Chemistry Laboratory (*CHEM 201)	2
<input type="checkbox"/>	CHEM 202: Organic Chemistry (*CHEM 201, 201L)	3
<input type="checkbox"/>	CHEM 202L: Organic Chemistry Laboratory (*CHEM 202)	2

UPPER-DIVISION COURSEWORK (9 UNITS)

Select 9 units from the pre-approved list below or you may consult with a Chemistry faculty advisor for additional options:

- CHEM 308: Environmental Chemistry (3) (*CHEM 160, 201)
- CHEM 341: General Biochemistry (3) (*CHEM 201)
- CHEM 398A or 398B: Special Problems in Chemistry-Library (1-2) (*instructor consent)
- CHEM 401: Physical Chemistry-Classical (3) (*CHEM 160 or 162, MATH 162 and PHYS 202 or 206)
- CHEM 402: Physical Chemistry-Quantum (3) (*CHEM 160 or 162, MATH 162 and PHYS 202 or 206; fall only)
- CHEM 404: Inorganic Chemistry (3) (*CHEM 201 and 160 or 162, *CHEM 404L; spring only)
- CHEM 450: Protein Structure and Function (3) (*CHEM 341 or 351; spring only)
- CHEM 455: Enzymology (3) (*CHEM 341 or 351)
- CHEM 490-494: Selected Topics in Chemistry (1-3) (*prerequisites vary)
- CHEM 497: Chemistry in the Community (1) (*instructor consent)

Need <input checked="" type="checkbox"/>	Course	Units
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