

CHEMISTRY MINOR for Secondary Education

As of Fall 2021

Minor Requirements: 25 semester hours. **At least 12 semester hours must be taken at Aquinas.** This minor must be combined with the Secondary Professional Preparation courses required for teacher certification. Minors are required to attend 6 seminars sponsored by the Chemistry Department. Only course with a grade of C or better will count towards the major.

AQUINAS REQUIREMENTS

| | | |
|-------|--|-----|
| _____ | CY 111 General Chemistry I | 4.0 |
| _____ | CY 112 General Chemistry II | 4.0 |
| _____ | CY 211 Organic Chemistry | 4.0 |
| _____ | CY 212 Organic Chemistry | 4.0 |
| _____ | CY 215 Quantitative Analysis | 4.0 |
| _____ | CS 152 Spreadsheets (must be taken before CY112) | 1.0 |

At least four semester hours from Chemistry:

| | | |
|-------|---|-----------|
| _____ | CY 311 Physical Chemistry | 4.0 |
| _____ | CY 312 Physical Chemistry | 4.0 |
| _____ | CY 315 Advanced Organic Chemistry | 4.0 |
| _____ | CY 325 Biochemistry | 4.0 |
| _____ | CY 336 Advanced Inorganic Chemistry | 4.0 |
| _____ | CY 346 Instrumental Methods of Analysis | 4.0 |
| _____ | CY 398 Readings in Chemistry | 1.0 |
| _____ | CY 399 Independent Project | 1 to 3 cr |

TRANSFER EQUIVALENTS

| | |
|-------|--|
| _____ | CHM 130 & 131 (combined) Gen Chem |
| _____ | CHM 140 & 141 (combined) Gen Chem |
| _____ | CHM 260 & 261 (combined) Organic Ch |
| _____ | CHM 270 & 271 (combined) Organic Ch |
| _____ | CHM 280 Quantitative Chemical Analysis |
| _____ | CIS 156 Excel |

Please Note: Aquinas College reserves the right to change, modify or amend the above-stated requirements and/or courses in its sole discretion and without prior notice.

1 & Lab
2 & Lab
em 1 & Lab
em 2 & Lab