

**BACHELOR OF SCIENCE
CHEMISTRY MINOR**

2013/14 Academic Year

REQUIRED JUNIOR LEVEL COURSES¹

6 CREDITS

- CHEM 101: University Chemistry I
- CHEM 102: University Chemistry II

GENERAL SENIOR LEVEL COURSES²

18 CREDITS

A minimum of six credits must be completed at the 300- or 400-level.

CHEMISTRY COURSES

- CHEM 211: Analytical Chemistry I [FALL]
- CHEM 213: Analytical Chemistry II [WINTER]
- CHEM 241: Biophysical Chemistry [WINTER]
- CHEM 252: Introductory Forensic Science [FALL]
- CHEM 261: Organic Chemistry I [FALL/WINTER]
- CHEM 263: Organic Chemistry II [FALL/WINTER]
- CHEM 270: Environmental Chemistry [FALL]
- CHEM 291: Applied Spectroscopy [WINTER]
- CHEM 311: Advanced Chemical Analysis [FALL]
- CHEM 333: Organometallic Chemistry [NOT OFFERED 2013/14]
- CHEM 353: Forensic Chemistry [WINTER]
- CHEM 362: Advanced Organic Chemistry [FALL]
- CHEM 495: Special Topics in Chemistry³ [NOT OFFERED 2013/14]
- CHEM 498: Independent Research³ [FALL/WINTER]

IMPORTANT PLANNING NOTES

1. **CHEM 101** and **CHEM 102** can be used toward a Bachelor of Science or Bachelor of Arts degree's core requirements.
2. Arts students who choose a Chemistry minor must comply with Bachelor of Science minor residency requirements. Science minors must complete a minimum of nine senior level MacEwan credits, including a minimum of three credits at the 300- or 400-level.
3. Students may take **CHEM 495** and **CHEM 498** for credit a maximum of two times, as long as the course topic is different each time they take either course.