

Forensic Chemistry

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Program Coordinators

Chair of the Forensic Science Program

D. Wallschläger, MSc (Bochum), PhD (Bremen)

Chair of the Department of Chemistry

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Professors

See faculty listings in Forensic Science and Chemistry

The Forensic Chemistry program integrates the study of science and law with investigative practice and theory. Students receive a comprehensive chemistry education including a range of courses in analytical, biochemical, environmental, inorganic, organic, and physical chemistry. Students practice case work, learn team-building, analyze ethical and legal issues related to evidence, and face the challenge of communicating complex scientific evidence within the legal system. Students in the program may also participate in a placement/mentorship course where they gain valuable “real-world” experience and begin to develop their professional network.

Admission Requirements

The Bachelor of Science in Forensic Chemistry is a direct-entry program with a limited number of student places. A secondary school diploma and six Ontario U/UM credits including one 4U credit in each of Chemistry, Biology, English, and Mathematics are required for admission. 4U Physics is highly recommended. Normally, students with an overall average lower than 75% will not be admitted to the program.

Bachelor of Science Program in Forensic Chemistry

- In addition to the program requirements listed below, students must satisfy the University degree requirements (see [p. 14](#)).

The single-major Honours program. 20.0 credits including the following 17.5 credits:

- 6.0 FRSC credits consisting of FRSC 1011H, 1100H, 2020H, 2030H (or 1010H), 2100H, 2220H, 3010H, 3020H, 3100H, 3720H, 3800H, and 4312H
- 6.0 CHEM credits consisting of CHEM 1000H, 1010H, 2100H, 2110H, 2200H, 2300H, 2400H, 2500H, 3400H, 3410H, 3520H, and 4710H
- 0.5 CHEM credit from CHEM 4400H or 4410H
- 2.0 credits from FRSC 4020D or CHEM 4020D
- 0.5 BIOL credit consisting of BIOL 1030H
- 0.5 ERSC credit consisting of ERSC 3701H
- 1.0 MATH credit consisting of MATH 1110H and 1120H
- 1.0 PHYS credit consisting of PHYS 1001H and 1002H