

B1380 BSc (Medical, Molecular and Forensic Sciences) in Forensic Chemistry MJ-FC

Academic Chair: [Dr. John Coumbaros](#)

Start Date: Semester 1 2025

Year 1 – 2024	Semester 1 Units	CP	Semester 2 Units	CP
	BMS100 Transition into Biomedical Sciences	3	MSP100 Career Learning: Managing Your Career	3
	CHE140 Fundamentals of Chemistry†	3	CHE144 Foundations of Chemistry	3
	BMS101 Introduction to the Human Body	3	CHE145 Introduction to Chemical Concepts	3
	CHE103 Introduction to Forensic Science	3	BIO152 Cell Biology	3
	Total	12	Total	12
Year 2 - 2025	Semester 1 Units	CP	Semester 2 Units	CP
	CHE207 Chemical Analysis	3	Career Learning Unit #	3
	MAS183 Statistical Data Analysis	3	CHE205 Organic and Biological Chemistry I	3
	Elective	3	Elective	3
	Elective	3	Elective	3
	Total	12	Total	12
Year 3 - 2026	Semester 1 Units	CP	Semester 2 Units	CP
	CHE204 Forensic Chemistry I	3	BIO304 Forensic Chemistry II	3
	Career Learning Unit #	3	BIO367 Forensic Toxicology	3
	Elective	3	Elective	3
	Elective	3	Elective	3
	Total	12	Total	12

TOTAL CREDIT POINTS 72

Please note: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as outlined in the Handbook.

Career Learning Unit

Choose any two from the following:

- SIK201 Two-way Science
- MSP200 Building Enterprise Skills
- MSP201* Real World Learning
- MSP202 Data Analytics and Storytelling in the 21st Century
- MMF302* Professional Placement in Medical, Molecular and Forensic Sciences

* MSP201 and MMF302 are not self-enrolled units and require an approved application to grant enrolment. Students are required to organise their real-world learning experience prior to application for enrolment. See more info about the unit, eligibility, and application deadlines in the Handbook.

† Major Prerequisite: Chemistry Background

Students who achieved a final scaled score of 50 percent or more in Chemistry 3A/3B or Chemistry ATAR within the past three years will be granted a preclusion from CHE140 Fundamentals of Chemistry (and will take another unit in its place). Students who have completed previous chemistry not stated above should consult their Academic Chair for clarification of their enrolment requirements.

General Electives can be an elective unit or units towards a second major/minor. To complete a second major or a minor within the B1380 Bachelor of Science, take the core units of that major or minor in place of the indicated general electives.

Students should keep in mind the Part 1 rule where no more than ten 100 level units are allowed.

Semester 1 notes	Semester 2 notes
<p>Recommended Electives: BIO282 Molecular Biology BMS213 Forensic Anatomy and Anthropology BIO359 Forensic DNA Analysis BIO309 Omics Technologies & Bioinformatics BIO311 Interactive Data Analytics and Visualisation</p> <p>Additional Electives: BMS321 Histology MAS224 Biostatistical Methods BMS327 Diagnostic Genomics BIO394 Genetic Engineering BIO356 Genetics and Evolution</p>	<p>Recommended Electives: CHE203 Molecular Reactivity CHE301 Sustainable Industrial Chemistry (from 2026) BRD202 Drugs in Society BIO247 Biochemistry MAS223 Applied Statistics BIO315 Bodies of Evidence BIO309 Omics Technologies & Bioinformatics BIO311 Interactive Data Analytics and Visualisation</p> <p>Additional Electives: BMS218 Haematology BMS316 Parasitology BMS211 Medical Immunology</p>

Please note: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as outlined in the [Handbook](#). Students should note that due to unit prerequisites, commencing study in Semester 2 may extend the duration of the course. This information is correct as at 11/11/2024.