B1418 Bachelor of Forensic Science, Forensic Chemistry and Toxicology MJ-FCTX

Academic Chair: Dr John Coumbaros **Start Date:** Semester 2 2026

	Semester 1 Units	CP	Semester 2 Units	CP
Year 1 – 2026			BMS100 Succeeding in Science	3
			BMS103 Introduction to MMFS	3
			CHE140 Fundamentals of Chemistry†	3
			MAS183 Statistical Data Analysis	3
	Total		**Total**	**12**
	Semester 1 Units	**CP**	**Semester 2 Units**	**CP**
Year 2 - 2027	BMS101 Introduction to the Human Body	3	BIO247 Biochemistry	3
	BIO152 Cell Biology	3	CHE205 Organic and Biological Chemistry I	3
	CHE103 Introduction to Forensic Science	3	CHE145 Introduction to Chemical Concepts	3
	CHE144 Foundations of Chemistry	3	Discovery Study Unit# (Can also be in Semester 1)	3
	Total	**12**	**Total**	**12**
	Semester 1 Units	**CP**	**Semester 2 Units**	**CP**
Year 3 - 2028	CHE204 Forensic Chemistry I	3	BIO304 Forensic Chemistry II	3
	CHE207 Chemical Analysis	3	BIO367 Forensic Toxicology	3
	Elective	3	Elective	3
	Elective	3	Elective	3
	Total	**12**	**Total**	**12**
	Semester 1 Units	**CP**	**Semester 2 Units**	**CP**
Year 4 - 2028	Elective	3		
	Elective	3		
	Elective	3		
	Elective	3		
	Total	**12**	**Total**	

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.

† **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.

Discovery Study Unit

Depending on the unit, it can be undertaken in Semester 1 or Semester 2. Choose one from the following (refer to the Handbook for unit specific information and any prerequisite requirements:

- MSP200 - Building Employability Skills
- BUS122 Business in Society
- BRD203 Carbon and Climate: A Wicked Problem
- MSP100 Career Learning: Managing Your Career
- TLC101 Communication Skills for Undergraduate Study
- COM203 Consulting and Freelancing
- CRM101 Criminology in Context
- COM105 Critical Web Literacy
- ICT111 Cybersecurity Fundamentals
- GRD204 Design Thinking for Innovation

[#] Discovery Study Unit (continued)

- ENG102 Engineering Design for Sustainability
- BIO103 Environmental Biology
- CRE100 Foundation in Creative Media
- SAH100 Foundation Skills for Studies in Allied Health
- ENV102 Foundations of the Environment
- PSY101 Introduction to Cultural Psychology
- PSY100 Introduction to Environmental Psychology and Sustainability
- PHL130 Introduction to Philosophy
- SIK101 Katitjin Bidi (Learning Journey)
- LEG101 Law for Life
- LEG100 Law, Justice and Social Policy
- COM208 Podcasting
- POL133 Politics, Power and Policy
- SOC122 Power and Control
- EXS101 Principles of Coaching and Communication
- ICT145 Python Programming for Everyone
- MSP201 Real World Learning
- SAH101 Research Essentials for Allied Health
- COM101 Social Media
- SUS123 Sustainability: Towards Global Wellbeing
- BUS109 The Innovator's Mindset
- MSP202 The Search for Everything: Data Analytics and Storytelling
- COM100 Thinking Communication
- SIK102 Wandju Boodja (Welcome to Country)
- EGL102 Writing Creatively: An Introduction

Recommended and General Electives

Electives can be units towards a second major/minor, recommended electives and general electives

To complete a second major or a minor within the B1418 Bachelor of Forensic Science, take the core units of that major or minor in place of the indicated general electives. Recommended second majors include:

- MJ-FBIO Forensic Biology
- MJ-FINV Forensic Investigation
- MJ-CHE Chemistry
- MJ-CRIS Crime Science
- MJ-PHTX Pharmacology & Toxicology is compatible with MJ-FCTX, but students enrolled in the Bachelor of Forensic Science will need to complete BMS107 Foundations of Vertebrate Form and Function in order to have required pre-requisites for units in the major core.

Recommended Electives include:

- MMF300 Group Project in Medical, Molecular and Forensic Sciences
- MMF301 Medical, Molecular and Forensic Sciences Research Project

Refer to the following page for further selection of elective units.

In selecting general electives, students should keep in mind the Part 1 rule where no more than ten 100 level units are allowed. Some general elective unit options are provided in the following table. Please note that some of these may have specific prerequisites:

Semester 1 notes	Semester 2 notes
Recommended Electives: BIO282 Molecular Biology BMS213 Forensic Anatomy and Anthropology BIO359 Forensic DNA Analysis **Additional Electives:** BMS321 Histology MAS224 Biostatistical Methods BMS327 Diagnostic Genomics BIO394 Genetic Engineering BIO356 Genetics and Evolution	**Recommended Electives:** CHE203 Molecular Reactivity CHE301 Sustainable Industrial Chemistry (from 2026) BMS205 Drugs in Society MAS223 Applied Statistics BIO315 Bodies of Evidence **Additional Electives:** BMS218 Haematology BMS316 Parasitology BMS211 Medical Immunology

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 17/09/2025.