

FORENSIC SCIENCE, TESTAMUR MAJOR (T049)

Western Sydney University Major Code: T049

Previous Code: MT3022

Available to students in other Western Sydney University programs?

No

The Forensic Science Major provides students with specialised expertise in forensic science including methods of forensic analysis, crime scene investigation, forensic photography, forensic investigation, and complex case studies. Career opportunities include forensic scientists, crime scene investigators, private investigators and consultants, police officers, drug analysts, researchers and academics, and specialised forensic science practitioners. The main employers of forensic scientists are State and Federal police services, State and Commonwealth Government Health Departments and analytical chemistry laboratories. Graduates will be versatile with a wide skills base with (depending on their choice of electives) potential for employment in analytical chemistry and microbiology, quality control and assurance, biochemistry and molecular biology, scientific research, education and the chemical industry. All students must complete 60 credit points of study at Level 3 to meet course requirements.

Location

Campus	Mode	Advice	
Hawkesbury Campus	Internal	science@westernsydney.edu.au	

Recommended Sequence Current

All students must complete 60 credit points of study at Level 3 to meet program requirements.

Select the link for your program below to see details of the major

Bachelor of Science

Qualification for the award of Bachelor of Science with a major in Forensic Science requires the successful completion of 240 credit points as per the recommended sequence below.

Course	Title	Credit Points	
Year 1			
Autumn session			
NATS 1019	Scientific Literacy	10	
MATH 1003	Biometry	10	
CHEM 1008	Introductory Chemistry	10	
NATS 1008	Forensic Science	10	
	Credit Points	40	
Spring session			
BIOS 1012	Cell Biology	10	
NATS 1003	Digital Forensic Photography	10	
CHEM 1012	Essential Chemistry	10	
Choose one elective		10	
	Credit Points	40	
Year 2			
Autumn session			
NATS 2019	Forensic and Environmental Analysis	10	
BIOS 2018	Genetics	10	
NATS 2021	Imaging Science	10	
	Credit Points	40	
Choose one elective			
Choose two electives			
Year 3			
1H session			
NATS 3055	Practicum 1	10	
	Credit Points	10	
Autumn session			
NATS 3012	Environmental Forensic Investigations	10	
NATS 3026	Forensic Biology	10	
Choose one elective		10	
	Credit Points	30	
Spring session			
NATS 3008	Complex Forensic Studies	10	
Choose three electives		30	
	Credit Points	40	
	Total Credit Points	240	

Bachelor of Science (Pathway to Teaching Primary/Secondary)

Qualification for the Bachelor of Science (Pathway to Teaching Primary/Secondary) with a major in Forensic Science requires the successful completion of 240 credit points as per the recommended sequence for the Bachelor of Science with a major in Forensic Science given above.

In addition, all students must complete a mandatory 40 credit point minor in Education Studies. Students must choose one of:

Education Studies – Primary Teaching, Minor (0296) (<https://hbook.westernsydney.edu.au/archives/2024-2025/majors-minors/education-studies-primary-teaching-minor/>)

Or

Education Studies - Secondary Teaching, Minor (0267) (<https://hbook.westernsydney.edu.au/archives/2024-2025/majors-minors/education-studies-secondary-teaching-minor/>)

Students must meet this requirement by choosing subjects from the selected Education Studies minor as electives within their Bachelor of Science program.

Course	Title	Credit Points
Year 1		
Autumn session		
NATS 1019	Scientific Literacy	10
MATH 1003	Biometry	10
CHEM 1008	Introductory Chemistry	10
NATS 1008	Forensic Science	10
	Credit Points	40
Year 2		
Autumn session		
NATS 2019	Forensic and Environmental Analysis	10
BIOS 2018	Genetics	10
NATS 2021	Imaging Science	10
	Credit Points	40
Year 3		
1H session		
NATS 3055	Practicum 1	10
	Credit Points	10
Autumn session		
NATS 3012	Environmental Forensic Investigations	10
NATS 3026	Forensic Biology	10
Choose one elective		10
	Credit Points	30
Spring session		
NATS 3008	Complex Forensic Studies	10
Choose three electives		30
	Credit Points	40

Choose one elective	10	Spring session	
Credit Points	40	CHEM 3010	Forensic Chemistry
Year 2		NATS 3053	Crime Scene Investigation
Autumn session		NATS 2002	Advanced Science Project B
NATS 2019	10	Choose one elective	10
BIOS 2018	10	Credit Points	40
NATS 2021	10	Year 3	
Choose one elective	10	1H session	
Credit Points	40	NATS 3055	Practicum 1
Spring session		Credit Points	10
CHEM 3010	10	Autumn session	
NATS 3053	10	NATS 3012	Environmental Forensic Investigations
Choose two electives	20	NATS 3026	Forensic Biology
Credit Points	40	NATS 3043	Advanced Science Research Project C
Year 3		Credit Points	30
1H session		NATS 3008	Complex Forensic Studies
NATS 3055	10	NATS 3043	Advanced Science Research Project C
Credit Points	10	Choose two electives	20
Autumn session		Credit Points	40
NATS 3012	10	Total Credit Points	240
NATS 3026	10		
Choose one elective	10		
Credit Points	30		
Spring session			
NATS 3008	10		
Choose three electives	30		
Credit Points	40		
Total Credit Points	240		

Bachelor of Advanced Science

Qualification for the award of Bachelor of Advanced Science with a major in Forensic Science requires the successful completion of 240 credit points as per the recommended sequence below.

Course	Title	Credit Points		Credit Points
Year 1				
Autumn session				
NATS 1019	Scientific Literacy	10	Year 1	
MATH 1003	Biometry	10	Year 1: College Subjects	
CHEM 1008	Introductory Chemistry	10	Standard 3-term year	
NATS 1008	Forensic Science	10	Preparatory subject:	
Credit Points	40	CHEM 0001	Chemistry (WSTC Prep)	10
Spring session		BIOS 1014	Cell Biology (WSTC)	10
BIOS 1012	Cell Biology	10	CHEM 1013	Essential Chemistry (WSTC)
NATS 1003	Digital Forensic Photography	10	NATS 1020	Scientific Literacy (WSTC)
CHEM 1012	Essential Chemistry	10	CHEM 1009	Introductory Chemistry (WSTC)
Choose one elective		BIOS 1003	Biodiversity (WSTC)	10
Credit Points	40	MATH 1027	Quantitative Thinking (WSTC)	10
Year 2		NATS 1029	Human Anatomy and Physiology 1 (WSTC)	10
Autumn session		NATS 1030	Human Anatomy and Physiology 2 (WSTC)	10
NATS 2019	Forensic and Environmental Analysis	10	NATS 1026	Digital Forensic Photography (WSTC)
BIOS 2018	Genetics	10	Credit Points	100
NATS 2021	Imaging Science	10	Year 2	
NATS 2001	Advanced Science Project A	10	Autumn session	
Credit Points	40	NATS 2019	Forensic and Environmental Analysis	10
		BIOS 2018	Genetics	10
		NATS 2021	Imaging Science	10
		NATS 1008	Forensic Science	10
		Credit Points	40	

Spring session	Course	Title	Credit Points
CHEM 3010	Forensic Chemistry	10	
NATS 3053	Crime Scene Investigation	10	
Choose two electives		20	
	Credit Points	40	
Year 3			
1H session			
NATS 3055	Practicum 1	10	
	Credit Points	10	
Autumn session			
NATS 3012	Environmental Forensic Investigations	10	
NATS 3026	Forensic Biology	10	
Choose one elective		10	
	Credit Points	30	
Spring session			
NATS 3008	Complex Forensic Studies	10	
Choose three electives		30	
	Credit Points	40	
	Total Credit Points	260	
Diploma in Science/Bachelor of Science, full-time mid-year (Term 2) intake			
Qualification for this award requires the successful completion of 250 credit points which include the units listed in the recommended sequence below.			
Please note that some units are only available for students enrolled in this major and may require completion at Hawkesbury campus.			
	Course	Title	
	Year 1		
	Autumn session		
	NATS 1019	Scientific Literacy	10
	MATH 1003	Biometry	10
	CHEM 1008	Introductory Chemistry	10
	NATS 1008	Forensic Science	10
		Credit Points	40
	Spring session		
	BIOS 1012	Cell Biology	10
	NATS 1003	Digital Forensic Photography	10
	CHEM 1012	Essential Chemistry	10
	Choose one elective		10
		Credit Points	40
	Year 2		
	Autumn session		
	NATS 2019	Forensic and Environmental Analysis	10
	BIOS 2018	Genetics	10
	NATS 2021	Imaging Science	10
	Choose one elective		10
		Credit Points	40
	Spring session		
	CHEM 3010	Forensic Chemistry	10
	NATS 2010	Crime Scene Investigation	10
	Choose two electives		20
		Credit Points	40

Diploma in Science/Bachelor of Science, full-time mid-year (Term 2) intake

Qualification for this award requires the successful completion of 250 credit points which include the units listed in the recommended sequence below.

Please note that some units are only available for students enrolled in this major and may require completion at Hawkesbury campus.

Subject	Title	Credit Points	Year 3
Year 1 and Autumn Year 2: College subjects			Autumn session
Standard 3-term year			NATS 3012 Environmental Forensic Investigations 10
Preparatory subject:			NATS 3026 Forensic Biology 10
Choose two electives			20
			Credit Points
			Spring session
Eight university-level subjects as follows:			NATS 3027 Laboratory Quality Management 10
BIOS 1014	Cell Biology (WSTC)	10	NATS 3008 Complex Forensic Studies 10
CHEM 1013	Essential Chemistry (WSTC)	10	Choose two electives 20
NATS 1020	Scientific Literacy (WSTC)	10	
CHEM 1009	Introductory Chemistry (WSTC)	10	Credit Points
BIOS 1003	Biodiversity (WSTC)	10	Total Credit Points
MATH 1027	Quantitative Thinking (WSTC)	10	240
NATS 1029	Human Anatomy and Physiology 1 (WSTC)	10	
NATS 1030	Human Anatomy and Physiology 2 (WSTC)	10	
NATS 1003	Digital Forensic Photography	10	
Total Credit Points		100	

Recommended Sequence 2023

All students must complete 60 credit points of study at Level 3 to meet program requirements.

Select the link for your program below to see details of the major

Bachelor of Science

Qualification for the award of Bachelor of Science with a major in Forensic Science requires the successful completion of 240 credit points as per the recommended sequence below.

Course	Title	Credit Points
Year 1		
Autumn session		
NATS 1019	Scientific Literacy	10
MATH 1003	Biometry	10
CHEM 1008	Introductory Chemistry	10
NATS 1008	Forensic Science	10
Credit Points		40

Spring session		NATS 1008	Forensic Science	10
BIOS 1012	Cell Biology	10	Credit Points	40
NATS 1003	Digital Forensic Photography	10		
CHEM 1012	Essential Chemistry	10		
Choose one elective		10		
	Credit Points	40		
Year 2				
Autumn session				
NATS 2019	Forensic and Environmental Analysis	10	Year 2	
BIOS 2018	Genetics	10	Autumn session	
NATS 2021	Imaging Science	10	NATS 2019	Forensic and Environmental Analysis
Choose one elective		10	BIOS 2018	Genetics
	Credit Points	40	NATS 2021	Imaging Science
			NATS 2001	Advanced Science Project A
Spring session				Credit Points
CHEM 3010	Forensic Chemistry	10		40
NATS 2010	Crime Scene Investigation	10		
Choose two electives		20		
	Credit Points	40		
Year 3				
Autumn session				
NATS 3012	Environmental Forensic Investigations	10	Year 3	
NATS 3026	Forensic Biology	10	Autumn session	
Choose two electives		20	NATS 3012	Environmental Forensic Investigations
	Credit Points	40	NATS 3026	Forensic Biology
			NATS 3043	Advanced Science Research Project C
Spring session				Credit Points
NATS 3027	Laboratory Quality Management	10		40
NATS 3008	Complex Forensic Studies	10		
Choose two electives		20		
	Credit Points	40		
	Total Credit Points	240		
In addition, all students must complete a mandatory 40 credit point minor in Education Studies. Students must choose one of:				
Education Studies – Primary Teaching, Minor (0296) (https://hbook.westernsydney.edu.au/archives/2024-2025/majors-minors/education-studies-primary-teaching-minor/)				
Or				
Education Studies - Secondary Teaching, Minor (0267) (https://hbook.westernsydney.edu.au/archives/2024-2025/majors-minors/education-studies-secondary-teaching-minor/)				
Students must meet this requirement by choosing subjects from the selected Education Studies minor as electives within their Bachelor of Science program.				
Bachelor of Advanced Science				
Qualification for the award of Bachelor of Advanced Science with a major in Forensic Science requires the successful completion of 240 credit points as per the recommended sequence below.				
Course	Title	Credit Points		Credit Points
Year 1				
Autumn session				
NATS 1019	Scientific Literacy	10	Year 1	
MATH 1003	Biometry	10	Year 1: College Subjects	
CHEM 1008	Introductory Chemistry	10	Standard 3-term year	
	Preparatory subject:			
	CHEM 0001	Chemistry (WSTC Prep)	10	
Eight university-level subjects as follows:				
	BIOS 1014	Cell Biology (WSTC)	10	
	CHEM 1013	Essential Chemistry (WSTC)	10	
	NATS 1020	Scientific Literacy (WSTC)	10	
	CHEM 1009	Introductory Chemistry (WSTC)	10	
	BIOS 1003	Biodiversity (WSTC)	10	

Diploma in Science/Bachelor of Science, full-time start-year (Term 1) intake

Qualification for this award requires the successful completion of 250 credit points which include the units listed in the recommended sequence below.

Please note that some units are only available for students enrolled in this major and may require completion at Hawkesbury campus.

Course	Title	Credit Points	
Year 1			
Autumn session			
NATS 1019	Scientific Literacy	10	
MATH 1003	Biometry	10	
CHEM 1008	Introductory Chemistry	10	
	Preparatory subject:		
	CHEM 0001	Chemistry (WSTC Prep)	10
Eight university-level subjects as follows:			
	BIOS 1014	Cell Biology (WSTC)	10
	CHEM 1013	Essential Chemistry (WSTC)	10
	NATS 1020	Scientific Literacy (WSTC)	10
	CHEM 1009	Introductory Chemistry (WSTC)	10
	BIOS 1003	Biodiversity (WSTC)	10

MATH 1027	Quantitative Thinking (WSTC)	10	NATS 1003	Digital Forensic Photography	10
NATS 1029	Human Anatomy and Physiology 1 (WSTC)	10	Total Credit Points		100
NATS 1030	Human Anatomy and Physiology 2 (WSTC)	10	Course	Title	Credit Points
NATS 1026	Digital Forensic Photography (WSTC)	10	Year 2		
	Credit Points	100	Autumn session		
Year 2			NATS 2019	Forensic and Environmental Analysis	10
Autumn session			BIOS 2018	Genetics	10
NATS 2019	Forensic and Environmental Analysis	10	NATS 2021	Imaging Science	10
BIOS 2018	Genetics	10	NATS 1008	Forensic Science	10
NATS 2021	Imaging Science	10		Credit Points	40
NATS 1008	Forensic Science	10	Spring session		
	Credit Points	40	CHEM 3010	Forensic Chemistry	10
Spring session			NATS 2010	Crime Scene Investigation	10
CHEM 3010	Forensic Chemistry	10	Choose two electives		20
NATS 2010	Crime Scene Investigation	10		Credit Points	40
Choose two electives		20	Year 3		
	Credit Points	40	Autumn session		
Year 3			NATS 3012	Environmental Forensic Investigations	10
Autumn session			NATS 3026	Forensic Biology	10
NATS 3012	Environmental Forensic Investigations	10	Choose two electives		20
NATS 3026	Forensic Biology	10		Credit Points	40
Choose two electives		20	Spring session		
	Credit Points	40	NATS 3027	Laboratory Quality Management	10
Spring session			NATS 3008	Complex Forensic Studies	10
NATS 3027	Laboratory Quality Management	10	Choose two electives		20
NATS 3008	Complex Forensic Studies	10		Credit Points	40
Choose two electives		20	Total Credit Points		160
	Credit Points	40			
	Total Credit Points	260			

Diploma in Science/Bachelor of Science, full-time mid-year (Term 2) intake

Qualification for this award requires the successful completion of 250 credit points which include the units listed in the recommended sequence below.

Please note that some units are only available for students enrolled in this major and may require completion at Hawkesbury campus.

Subject	Title	Credit Points
Year 1 and Autumn Year 2: College subjects		
Standard 3-term year		
Preparatory subject:		
CHEM 0001	Chemistry (WSTC Prep)	10
Eight university-level subjects as follows:		
BIOS 1014	Cell Biology (WSTC)	10
CHEM 1013	Essential Chemistry (WSTC)	10
NATS 1020	Scientific Literacy (WSTC)	10
CHEM 1009	Introductory Chemistry (WSTC)	10
BIOS 1003	Biodiversity (WSTC)	10
MATH 1027	Quantitative Thinking (WSTC)	10
NATS 1029	Human Anatomy and Physiology 1 (WSTC)	10
NATS 1030	Human Anatomy and Physiology 2 (WSTC)	10

Related Programs

Bachelor of Advanced Science (3757) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-advanced-science/>)

Bachelor of Science (3754) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-science/>)

Bachelor of Science (Pathway to Teaching Primary/Secondary) (3756) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-science-pathway-teaching-primary-secondary/>)

Bachelor of Science/Bachelor of Arts (3763) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-science-bachelor-arts/>)

Bachelor of Science/Bachelor of Business (4748) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-science-bachelor-business/>)

Bachelor of Science/Bachelor of Laws (2743) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-science-bachelor-laws/>)

Diploma in Science/Bachelor of Science (6043) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/diploma-science-bachelor-science/>)