

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 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		
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
Year 3		
Autumn session		
NATS 3012	Environmental Forensic Investigations	10
NATS 3026	Forensic Biology	10
Choose two electives		20
Credit Points		40
Spring session		
NATS 3027	Laboratory Quality Management	10
NATS 3008	Complex Forensic Studies	10
Choose two electives		20
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.

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
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

Year 3**Autumn session**

NATS 3012	Environmental Forensic Investigations	10
NATS 3026	Forensic Biology	10
Choose two electives		20

Credit Points	40
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Spring session

NATS 3027	Laboratory Quality Management	10
NATS 3008	Complex Forensic Studies	10
Choose two electives		20

Credit Points	40
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Total Credit Points	240
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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/2023-2024/majors-minors/education-studies--primary-teaching-minor/>)

Or

Education Studies - Secondary Teaching, Minor (0267) (<https://hbook.westernsydney.edu.au/archives/2023-2024/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
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
NATS 2001	Advanced Science Project A	10
Credit Points		40
Spring session		
CHEM 3010	Forensic Chemistry	10
NATS 2010	Crime Scene Investigation	10
NATS 2002	Advanced Science Project B	10

Choose one elective	10
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Credit Points	40
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Year 3**Autumn session**

NATS 3012	Environmental Forensic Investigations	10
NATS 3026	Forensic Biology	10
NATS 3043	Advanced Science Research Project C	10
Choose one elective		10

Credit Points	40
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Spring session

NATS 3027	Laboratory Quality Management	10
NATS 3008	Complex Forensic Studies	10
NATS 3043	Advanced Science Research Project C	10
Choose one elective		10

Credit Points	40
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Total Credit Points	240
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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		
Year 1: 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
NATS 1026	Digital Forensic Photography (WSTC)	10
Credit Points		100

Year 2**Autumn session**

NATS 2019	Forensic and Environmental Analysis	10
BIOS 2018	Genetics	10
NATS 2021	Imaging Science	10
NATS 1008	Forensic Science	10

Credit Points	40
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Spring session

CHEM 3010	Forensic Chemistry	10
NATS 2010	Crime Scene Investigation	10
Choose two electives		20

Credit Points	40
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Year 3**Autumn session**

NATS 3012	Environmental Forensic Investigations	10
NATS 3026	Forensic Biology	10
Choose two electives		20
Credit Points		40

Spring session

NATS 3027	Laboratory Quality Management	10
NATS 3008	Complex Forensic Studies	10
Choose two electives		20
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
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Year 1 and Autumn Year 2: College subjects

Standard 3-term year

Preparatory subject:

CHEM 0001	Chemistry (WSTC Prep)	10
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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
NATS 1003	Digital Forensic Photography	10

Total Credit Points 100

Course	Title	Credit Points
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Year 2**Autumn session**

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

CHEM 3010	Forensic Chemistry	10
NATS 2010	Crime Scene Investigation	10
Choose two electives		20

Credit Points 40

Year 3**Autumn session**

NATS 3012	Environmental Forensic Investigations	10
NATS 3026	Forensic Biology	10

Choose two electives	20
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Credit Points 40

Spring session

NATS 3027	Laboratory Quality Management	10
NATS 3008	Complex Forensic Studies	10
Choose two electives		20

Credit Points 40

Total Credit Points 160

Recommended Sequence 2024

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
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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 3053	Crime Scene Investigation	10
Choose two electives		20

Credit Points 40

Year 3**1H session**

NATS 3055	Practicum 1	10
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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
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Choose three electives	30
Credit Points	40
Total Credit Points	240

Bachelor of Science (Pathway to Teaching Primary/Secondary)

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

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Or

Education Studies - Secondary Teaching, Minor (0267) (<https://hbook.westernsydney.edu.au/archives/2023-2024/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
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 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		240

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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
NATS 2001	Advanced Science Project A	10
Credit Points		40
Spring session		
CHEM 3010	Forensic Chemistry	10
NATS 3053	Crime Scene Investigation	10
NATS 2002	Advanced Science Project B	10
Choose one elective		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
NATS 3043	Advanced Science Research Project C	10
Credit Points		30
Spring session		
NATS 3008	Complex Forensic Studies	10
NATS 3043	Advanced Science Research Project C	10

Choose two electives	20
Credit Points	40
Total Credit Points	240

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

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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
NATS 1026	Digital Forensic Photography (WSTC)	10
Credit Points		100
Year 2		
Autumn session		
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		
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.

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
NATS 1003	Digital Forensic Photography	10
Total Credit Points		100

Related Programs

Bachelor of Advanced Science (3757) (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-advanced-science/>)

Bachelor of Science (3754) (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-science/>)

Bachelor of Science (Pathway to Teaching Primary/Secondary) (3756) (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-science-pathway-teaching-primary-secondary/>)

Diploma in Science/Bachelor of Science (6043) (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/diploma-science-bachelor-science/>)