

GRADUATE CERTIFICATE IN FORENSIC SCIENCE (3743)

Approved Abbreviation: GradCertForSc

Western Sydney University Program Code: 3743

AQF Level: 8

Students should follow the course structure for the course version relevant to the year they commenced. This version applies to students whose commencement year for this course is University of Florida, Term 3 2021 or later

Students should follow the program structure for the session start date relevant to the year they commenced.

Commencement Year 2017 - 3743.1 Graduate Certificate in Forensic Science (<http://handbook.westernsydney.edu.au/hbook/course.aspx?course=3743.1>)

The program is designed for applicants who need advanced level knowledge across a range of forensic disciplines including crime scene investigation, fingerprint detection and identification, forensic chemistry, forensic biology, forensic toxicology, illicit drug analysis, and forensic medicine. The fully-online nature of the subjects and the flexibility available with subject selection means that the program can be adapted to suit applicants working or intending to work in areas that include forensic science laboratories, toxicology and pathology laboratories, drug assessment agencies, customs and border protection, law enforcement, and areas related to national security.

- This program is part of a collaborative education partnership with the University of Florida and the University of Canberra.

Study Mode

Six months full-time or one year part-time.

Program Advice

Program Advice (<https://directory.westernsydney.edu.au/search/email/science@westernsydney.edu.au>)

Prospective students should visit the following websites for general enquiries about this program.

Enquire about this program (<https://enquiry.westernsydney.edu.au/courseenquiry/>) | Local Admission (<https://www.westernsydney.edu.au/future/>) | International Admission (<https://www.westernsydney.edu.au/international/home/apply/admissions/>) |

Location

| Campus | Attendance | Mode | Advice |
|--------|------------|--------|-----------|
| Online | Full Time | Online | See above |
| Online | Part Time | Online | See above |

Admission

Applicants must have successfully completed an undergraduate degree in natural or physical sciences.

It is recommended that applicants have completed chemistry and biology subjects in their undergraduate degree.

Or

Three years full-time equivalent work experience in a forensic science or military forensic exploitation environment.

Applicants seeking admission on the basis of work experience must support their application with a Statement of Service for all work experience listed on the application.

Statement of Service form (https://www.westernsydney.edu.au/content/dam/digital/pdf/Statement_of_Service.PDF)

Applications from Australian and New Zealand citizens and holders of permanent resident visas must be made via the Universities Admissions Centre (UAC). Use the links below to apply via UAC or Western Sydney University. Applications made directly to Western Sydney do not have an application fee.

Applicants who have undertaken studies overseas may have to provide proof of proficiency in English. Local and International applicants who are applying through the Universities Admissions Centre (UAC) will find details of minimum English proficiency requirements and acceptable proof on the UAC website. Local applicants applying directly to the University should also use the information provided on the UAC website.

<http://www.uac.edu.au/>

<https://westernsydney.uac.edu.au/ws/>

Program Structure

Qualification for this award requires the successful completion of 40 credit points including the subjects listed below.

| Subject | Title | Credit Points |
|---|---|---------------|
| This award requires the successful completion of 40 credit points | | |
| Compulsory unit (10 credit points) | | |
| NATS 7006 | Crime Scene Investigation (PG) | |
| Choose at least 10 credit points from the following: | | |
| NATS 7001 | Advanced Criminalistics | |
| NATS 7002 | Biological Agents 1 | |
| NATS 7008 | Environmental Forensics 1 | |
| NATS 7009 | Environmental Forensics 2 | |
| NATS 7013 | Explosives | |
| NATS 7014 | Fingerprint Detection and Identification | |
| NATS 7026 | Forensic Research 1 | |
| NATS 7027 | Forensic Research 2 | |
| Select the remaining credit points from: | | |
| NATS 7003 | Biological Agents 2 | |
| NATS 7004 | Blood Distribution and Spatter | |
| NATS 7007 | Drug Biotransformation and Molecular Mechanisms of Toxicity | |
| NATS 7019 | Forensic Analysis of DNA | |
| NATS 7058 | Forensic Analysis of DNA 2 | |
| NATS 7020 | Forensic Anthropology (PG) | |
| NATS 7059 | Forensic Digital Imaging | |
| NATS 7022 | Forensic Genetics | |
| NATS 7023 | Forensic Immunology | |
| NATS 7024 | Forensic Medicine I | |
| NATS 7025 | Forensic Medicine II | |
| NATS 7028 | Forensic Toxicology I | |
| NATS 7029 | Forensic Toxicology II | |
| NATS 7030 | General Toxicology | |
| NATS 7035 | Medicinal Chemistry of Drugs of Abuse | |
| NATS 7037 | Natural Medicinal Products | |
| NATS 7039 | Pharmaceutical Analysis | |

NATS 7047 Synthetic Medicinal Chemistry

NATS 7048 Toxic Substances

NATS 7049 Toxicology of Chemical Weapons

Total Credit Points **40**

Equivalent Subjects

The subjects listed below count towards completion of this Program for students who passed these subjects in 2017 or earlier.

NATS 7021 - Forensic Entomology