

FORENSIC SCIENCE MINOR

Contact

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Faculty

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Syracuse University's curricular programs in forensic science, supported by the Forensic and National Security Sciences Institute in the College of Arts and Sciences, apply broad interdisciplinary scientific research and theory to real-world legal and security issues. Students can pursue an M.S. in Forensic Science, a combined M.S. in Forensic Science and J.D. in Law, an M.S. in Biomedical Forensic Sciences, a Certificate of Advanced Study in Medicolegal Death Investigation, an undergraduate Integrated Learning Major in Forensic Science, a Minor in Forensic Science, or a Certificate in Medicolegal Death Investigation.

Minor in Forensic Science

The minor in forensic science provides students with an understanding of the fundamental concepts and principles behind the application of scientific techniques to forensic investigations and to the criminal justice system. Recent advances in basic scientific research have had a rapid and dramatic impact in these fields and it is only through an understanding of these fundamental scientific concepts that the legal system may be effective in criminal investigations. A minor in forensic science offers a strong complement for students interested in criminal justice to major areas of study such as anthropology, biology, chemistry, physics, geology, psychology, engineering, pre-medicine, sociology, and pre-professional degree programs. The minor in forensic science is open to all students at Syracuse University.

Requirements

The minor in forensic science requires 18-19 credits that include:

Code	Title	Credits
Required Courses		
CHE 113	Forensic Science (this requirement can also be satisfied by CHE 106 and CHE 107 or CHE 109 and CHE 129 or BIO 121 and BIO 122)	4
FSC 306	Advanced Forensic Science	3
Select one of the following:		3-4
FSC 444	Forensic Chemical Analysis	
FSC 444 cannot count for both requirements		
MAT 221	Elementary Probability and Statistics I	
PSY 252	Statistical Methods II	
And Selection of 3 Courses from Among the Following (any FSC course may be used even if not listed):		9-11
FSC 332	Intro to Forensic Anthropology	
FSC 434	Anatomy & Physiology for Forensic Medicine	
FSC 435	Medicolegal Death Investigation I	
FSC 440	Special Topics in Advanced Forensics	
FSC 440 can be taken multiple times with different topics		

FSC 441	Forensic Analysis of Biological Evidence with lab
FSC 444	Forensic Chemical Analysis
FSC 444 cannot count for both requirements	
FSC 451	Forensic Pathology
FSC 452	Forensic Mental Health
FSC 453	Forensic Toxicology
FSC 455	Computational Forensics
FSC 456	Mobile Forensics and Social Networking
FSC 457	Principles of Human Toxicology
FSC 461	Firearms and Impression Evidence
FSC 463	Bloodstain Pattern Analysis with lab
FSC 464	Latent Print Processing with lab
FSC 465	Latent Prints with practicum
FSC 467	Forensic Photography with lab
FSC 468	Crime Scene Investigation with lab
FSC 469	Science of Countering Weapons of Mass Destruction
FSC 472	Advanced Light Microscopy
FSC 473	Mechanics of Modern Firearms with lab
FSC 474	Forensic DNA Analysis with practicum
FSC 475	Latent Prints II
FSC 476	Cold Cases
FSC 478	Crime Scene Investigation II with lab
FSC 479	Microbial Forensic Science
ANT 433	Human Osteology
ANT 434	Anthropology of Death
ANT 436	Bioarchaeology
BIO 326	Genetics
BIO 322	Cell and Molecular Biology
BIO 434	Advanced Microscopy Techniques in Cell and Developmental Biology Lab
BIO 462	Molecular Genetics
BIO 463	Molecular Biotechnology
CHE 113	Forensic Science
CHE 335	Chemical and Biochemical Analysis with Laboratory
CHE 575	Organic Spectroscopy
IST 402	Digital Forensics
LIN 375	Forensic Linguistics
NUC 520	Radiochemistry, Nuclear Fuel Reprocessing and Nonproliferation
PSY 474	Forensic Psychology
SOC 334	Criminal Justice
SOC 397	Criminology

Students must take at least 12 credits at the 300-level or above

Total Credits 19-22