

BETH-EL COLLEGE OF
NURSING & HEALTH SCIENCES



UNIVERSITY OF COLORADO
AT COLORADO SPRINGS

PROGRAM REQUIREMENTS
MASTER OF SCIENCE FORENSIC SCIENCE
Forensic Toxicology Option

TOTAL PROGRAM CREDITS = 34

Health Science Course Requirements	Credit
HSCI 600 Graduate Seminar (two semesters required)	2
HSCI 702 Clinical Research Applications	3
TOTAL	5
Forensic Science Research Options – must complete one of the three	
HSCI 609 Graduate Research Project	3
HSCI 700 Health Science Thesis	6
HSCI 940 Independent Study Culminating in a Published Research Paper	3-6
TOTAL	3-6
Forensic Science Requirements	
HSCI 510 Advanced Topics in Forensic Science	3
HSCI 618 Pharmacology and Pathophysiology of Substance Abuse OR HSCI 508 Graduate Pathophysiology	3
HSCI 641 Forensic Chemistry and Toxicology (<i>Pre-req: undergrad General and Organic Chemistry</i>)	4
HSCI 648 Chemistry for Toxicologists (<i>required for students who do not have undergraduate Chemistry background</i>)	3
HSCI 710 & 711 Advanced Analytical Methods in Forensic Toxicology (<i>Pre-Requisites HSCI 615, Organic Chemistry and Lab, Analytical Chemistry and Lab, permission of instructor</i>)	8
TOTAL	18
Forensic Science Electives –select enough hours to complete 34 total credit hours	
SCI 595 Forensic Science Lab Skills	3
HSCI 630 Sexual Assault	3
HSCI 632 Investigation of Injury and Death (<i>interim course</i>)	3
HSCI 633 Crime Scene Investigation	3
HSCI 634 Psychosocial Aspects of Forensics	3
HSCI 636 Legal Aspects of Forensic Science: Civil and Criminal	3
HSCI 642 High Tech Crimes and Computer Forensics	3
HSCI 940 Independent Study	3-6

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**MODEL DEGREE PLAN
MASTER OF SCIENCE FORENSIC SCIENCE
Forensic Toxicology Option**

Course	Credits
Fall Semester	
HSCI 641 Forensic Chemistry and Toxicology	4
HSCI 702 Clinical Research Application	3
HSCI 648 Chemistry for Toxicologists	3
TOTAL 10	
Spring Semester	
HSCI 510 Advanced Topics in Forensic Science (<i>winter interim</i>)	3
HSCI 600 Graduate Seminar	1
HSCI 618 Pharmacology and Pathophysiology of Substance Abuse	3
HSCI 609/700/940 Research Hours (<i>Requires a thesis advisor</i>)	1
TOTAL 8	
Fall Semester	
HSCI 600 Graduate Seminar	1
HSCI 710 Advanced Analytical Methods in Forensic Toxicology I (<i>Pre-Requisites HSCI 615, Organic Chemistry and Lab, Analytical Chemistry and Lab, permission of instructor</i>)	4
HSCI 609/700/940 Research Hours (<i>Requires a thesis advisor</i>)	2
Forensic Science Elective	3
TOTAL 9	
HSCI 711 Advanced Analytical Methods in Forensic Toxicology II (<i>Pre-Requisites HSCI 710, permission of instructor</i>)	4
HSCI 609/700/940 Research Hours (<i>Requires a thesis advisor</i>)	3
TOTAL 7	

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