

Graduate Certificate in Forensic Science
Approved Course List

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| <u>AGRON 502</u> | Chemistry, Physics, and Biology of Soils | 3 |
| <u>AGRON 555</u> | Environmental Soil Mineralogy | 3 |
| <u>AGRON 563</u> | Soil Formation and Landscape Relationships | 4 |
| <u>AN S 561</u> | Population and Quantitative Genetics for Breeding | 4 |
| <u>ANTHR 503</u> | Biological Anthropology and Archaeology | 3 |
| <u>ANTHR 519</u> | Skeletal Biology | 3 |
| <u>ANTHR 524</u> | Forensic Anthropology | 3 |
| <u>ANTHR 528C</u> | Topics in Archaeological Laboratory Methods and Techniques: Faunal remains | 3 |
| <u>BBMB 542</u> | Introduction to Molecular Biology Techniques | 1 |
| <u>B M S 554</u> | General Pharmacology | 3 |
| <u>CHEM 511</u> | Advanced Analytical Chemistry | 3 |
| <u>CHEM 513</u> | Analytical Molecular and Atomic Spectroscopy | 3 |
| <u>CHEM 516</u> | Analytical Separations | 3 |
| <u>CHEM 572</u> | Spectrometric Identification of Organic Compounds | 3 |
| <u>CHEM 577</u> | Mass Spectrometry | 3 |
| <u>CPR E 536</u> | Computer and Network Forensics | 3 |
| <u>EEOB 565</u> | Morphometric Analysis | 4 |
| <u>ENT 675</u> | Insecticide Toxicology | 3 |
| <u>GEN 409</u> | Molecular Genetics | 3 |
| <u>GEN 462</u> | Evolutionary Genetics | 3 |
| <u>GDCB 511</u> | Molecular Genetics | 3 |
| <u>MATH 535</u> | Steganography and Digital Image Forensics | 3 |
| <u>M S E 550</u> | Fundamentals of Nondestructive Evaluation | 4 |
| <u>M S E 551</u> | Characterization Methods in Materials Science | 3 |
| <u>M S E 552</u> | Scanning and Auger Electron Microscopy | 3 |
| <u>SOC 584</u> | Current Issues in Crime and Justice | 3 |
| <u>STAT 401</u> | Statistical Methods for Research Workers | 4 |
| <u>TOX 546</u> | Clinical and Diagnostic Toxicology | 1-3 |
| <u>V MPM 528</u> | Principles of Epidemiology and Population Health | 3 |
| <u>V MPM 586</u> | Medical Bacteriology | 4 |
| <u>V MPM 542</u> | Introduction to Molecular Biology Techniques | 1 |