Program Approval Form

For approval of new programs and deletions or modifications to an existing program.

Action Requested:

- [ ] Create New (SCHEV approval required except for minors)
- [ ] Inactivate Existing
- [X] Modify Existing (check **ALL** that apply)
  - [ ] Title (SCHEV approval required except for minors)
  - [ ] **Concentration** (Choose one): [ ] *Add* [ ] *Delete* [ ] *Modify*
  - [X] Degree Requirements
  - [ ] Admission Standards/ Application Requirements
  - [X] Other Changes: Credits Required

Type (Check one)**:**

- [ ] B.A. [ ] B.S. [X] Minor
- [ ] Master's
- [ ] Ph.D.
- [ ] Undergraduate Certificate*
- [ ] Graduate Certificate*
- [ ] Bachelor's/Accelerated Master's [ ] Other:

College/School:	College of Science	**Department:**	Forensic Science Program		
Submitted by:	Kimberly Rule	**Ext:**	35338	**Email:**	kcarisi@gmu.edu

Effective Term: Fall 2017

Please note: For students to be admitted to a new degree, minor, certificate or concentration, the program must be fully approved, entered into Banner, and published in the University Catalog.

Justification: (attach separate document if necessary)

To give the forensic science minors more courses to choose from and therefore, to be more appealing to various majors.

	Existing	New/Modified
Program Title: (Required) Title must identify subject matter. Do not include name of college/school/dept.		
Concentration(s):		
Admissions Standards / Application Requirements: (Required only if different from those listed in the University Catalog)		
Degree Requirements: Consult University Catalog for models, attach separate document if necessary using track changes for modifications	Please see attached	Please see attached
Courses offered via distance: (if applicable)		
TOTAL CREDITS REQUIRED:	20	20-21

***For Certificates Only:** Indicate whether students are able to pursue on a [ ] **Full-time basis** [ ] **Part-time basis**

Approval Signatures

Department Date | College/School Date | Provost's Office Date

Required for Minors and Interdisciplinary Programs

If this program may impact another unit or is in collaboration with another unit at Mason, the originating department must circulate this proposal for review by those units and obtain the necessary signatures prior to submission. Failure to do so will delay action on this proposal.

Unit Name	Unit Approval Name	Unit Approver's Signature	Date
Criminology Department	Lisa Newmark		
Biology Department	Larry Rockwood		
AOES	Edwin K. Schneider		
Psychology Department	Reeshad Dalal		

For Undergraduate Programs only

Undergraduate Council Member | Provost Office | Undergraduate Council Approval Date

For Graduate Programs Only

Graduate Council Member | Provost Office | Graduate Council Approval Date

For Registrar Office's Use Only: Received_____Banner_____Catalog_____ *revised 9/2/2016*

Program Proposal Submitted to the College of Science Curriculum Committee (COSCC)

The form above is processed by the Office of the University Registrar. This second page is for the COSCC's reference. Please complete the applicable portions of this page to clearly communicate what the form above is requesting.

FOR ALL PROGRAMS (required)

Program Title: Forensic Science Program

Date of Departmental Approval: November 1st 2016

FOR MODIFIED PROGRAMS (required if modifying a program)

- Summary of the Modification: The Minor in Forensic Science has been modified to include more choices of forensic science coursework, foundation science coursework, and the supporting coursework. Additionally, a new section of "forensic science electives" was devised for the upper level forensic science courses.

- Text before Modification (title, degree requirements, etc.): See Attached

- Text after Modification (title, degree requirements, etc.): See Attached

- Reason for the Modification: To give the forensic science minors more courses to choose from and therefore, to be more appealing to various majors. BIOL 311 General Genetics was added to the foundation science options since it is a pre-requisite for the newly added FRSC 460 Forensic Molecular Biology course. FRSC 302 Trace Analysis was removed from the forensic science core course list and was included in the newly devised forensic science elective course list along with the other upper level forensic science courses to give students more options within the upper level forensic science courses. The following was added to the supporting courses: CRIM 410, GEOL 302, GEOL 306, PSYC 380, and PSYC 441 (PSYC 231 was removed); these courses were added/removed because after consultation of the respective departments it was determined that these courses complement the forensic science core and forensic science elective courses and would be appealing to these major students.

Forensic Science Program
Undergraduate Modifications for Fall 2017

Minor Requirement Changes

Current	Proposed
Banner Code: FRSC College: *College of Science* Department: *Forensic Science Program* This minor is offered by the Forensic Science Program in the College of Science. This minor addresses the growing national and regional interest in forensics by introducing students to the technical, psychological, and legal aspects of the field. The minor provides an attractive option for students with majors in the natural sciences, engineering, or computer science, and the curriculum structure makes it particularly suitable for students with majors in biology and chemistry. At least 8 credits must be applied only to this minor and may not be used to fulfill requirements of the student's major, concentration, or another minor or undergraduate certificate. Students must complete at least 6 credits in their minor at George Mason University and achieve a minimum GPA of 2.00 in courses applied to the minor. For policies governing all minors, see the Undergraduate Policies section of this catalog.	**Banner Code: FRSC** College: *College of Science* Department: *Forensic Science Program* This minor is offered by the Forensic Science Program in the College of Science. This minor addresses the growing national and regional interest in forensics by introducing students to the technical, psychological, and legal aspects of the field. The minor provides an attractive option for students with majors in the natural sciences, engineering, or computer science, and the curriculum structure makes it particularly suitable for students with majors in biology and chemistry. At least 8 credits must be applied only to this minor and may not be used to fulfill requirements of the student's major, concentration, or another minor or undergraduate certificate. Students must complete at least 6 credits in their minor at George Mason University and achieve a minimum GPA of 2.00 in courses applied to the minor. For policies governing all minors, see the Undergraduate Policies section of this catalog.
Minor Requirements **Foundation Science Courses (8 credits)** Choose two courses or course/lab pairings from the following: • BIOL 213 - Cell Structure and Function Credits: 4 • BIOL 305 - Biology of Microorganisms Credits: 3 **and** BIOL 306 - Biology of Microorganisms Laboratory Credits: 1 • CHEM 211 - General Chemistry I Credits: 3 **and** CHEM 213 - General Chemistry Laboratory I Credits: 1 • CHEM 212 - General Chemistry II Credits: 3 **and** CHEM 214 - General Chemistry Laboratory II	**Minor Requirements** **Foundation Science Courses (8 credits)** Choose two courses or course/lab pairings from the following: Please pay attention to pre-requisites for each course. • BIOL 213 - Cell Structure and Function Credits: 4 • BIOL 305 - Biology of Microorganisms Credits: 3 **and** BIOL 306 - Biology of Microorganisms Laboratory Credits: 1 • BIOL 311- General Genetics Credits: 4 • CHEM 211 - General Chemistry I Credits: 3 **and** CHEM 213 - General Chemistry Laboratory I

Credits: 1 • PHYS 160 - University Physics I Credits: 3 **and** PHYS 161 - University Physics I Laboratory Credits: 1 • PHYS 243 - College Physics Credits: 3 **and** PHYS 244 - College Physics Lab Credits: 1 • PHYS 245 - College Physics Credits: 3 **and** PHYS 246 - College Physics Lab Credits: 1 • PHYS 260 - University Physics II Credits: 3 **and** PHYS 261 - University Physics II Laboratory Credits: 1	Credits: 1 • CHEM 212 - General Chemistry II Credits: 3 **and** CHEM 214 - General Chemistry Laboratory II Credits: 1 • PHYS 160 - University Physics I Credits: 3 **and** PHYS 161 - University Physics I Laboratory Credits: 1 • PHYS 243 - College Physics Credits: 3 **and** PHYS 244 - College Physics Lab Credits: 1 • PHYS 245 - College Physics Credits: 3 **and** PHYS 246 - College Physics Lab Credits: 1 • PHYS 260 - University Physics II Credits: 3 **and** PHYS 261 - University Physics II Laboratory Credits: 1
Forensic Science Courses (9 credits)	**Forensic Science Core Courses (6 credits)**
• FRSC 200 - Survey of Forensic Science Credits: 3 • FRSC 201 - Introduction to Criminalistics Credits: 3 • ~~FRSC 302 - Forensic Trace Analysis Credits: 3~~	• FRSC 200 - Survey of Forensic Science Credits: 3 • FRSC 201 - Introduction to Criminalistics Credits: 3 **Forensic Science Elective Courses (3 credits)** Choose one course from the following: Please pay attention to pre-requisites for each course. • FRSC 302 - Forensic Trace Analysis Credits: 3 • FRSC 303 - Forensic Evidence and Ethics Credits: 3 • FRSC 304 - Forensic Chemistry Credits: 3 • FRSC 460- Forensic Molecular Biology Credits: 3
Supporting Courses (3 credits) Choose one course from the following: • FRSC 303 - Forensic Evidence and Ethics Credits: 3 • FRSC 304 - Forensic Chemistry Credits: 3 • CRIM 400 - Applied Criminal Psychology Credits: 3 • ~~PSYC 231 - Social Psychology Credits: 3~~	**Supporting Courses (3-4 credits)** Choose one course from the following: Please pay attention to pre-requisites for each course. • CRIM 400 - Applied Criminal Psychology Credits: 3 • CRIM 410- Criminal Investigations Credits: 3 • FRSC 302, or FRSC 303, or FRSC 304, or FRSC 460 (if not chosen above) • GEOL 302- Mineralogy Credits: 4 • GEOL 306- Soil Sciences Credits: 3 • PSYC 380- Intro to Forensic Psychology Credits: 3 • PSYC 441- Criminal Behavior: Psychological and Neurological Aspects Credits: 3
Minor Total: 20 credits	**Minor Total: 20-21 credits**