

Program Change Request

Date Submitted: 10/09/18 2:23 pm

Viewing: **SC-BS-FRSC : Forensic Science, BS**

Last approved: 11/01/17 9:23 am

Last edit: 10/09/18 2:23 pm

Changes proposed by: jbazaz

Catalog Pages

Using this Program

[Forensic Science, BS](#)

In Workflow

1. SC Curriculum Committee
2. SC Associate Dean
3. SC CAT Editor
4. Assoc Provost- Undergraduate
5. Registrar-Programs

Are you completing this form on someone else's behalf?

Yes

Requestor:

History

1. Nov 1, 2017 by clmig-jwehrheim

Name	Extension	Email
Kimberly Rule	5338	kcarisi@gmu.edu

Effective Catalog: 2019-2020

Program Level: Undergraduate

Program Type: Bachelor's

Degree Type: Bachelor of Science

Title: Forensic Science, BS

Registrar/OAPI Use Only – SCHEV Status Approved

Registrar's Office Use Only –

Program Start

Term

Registrar/OAPI Use

Only – SCHEV

Letter

Concentration(s):

INTO Major(s):

**Registrar/IRR Use
Only –
Concentration CIP
Code**

College/School: College of Science

**Department /
Academic Unit:** Forensic Science Program

**Jointly Owned
Program?** No

Justification

Our goal with these modifications is to provide forensic science majors additional forensic science relevant options of course offerings within the 13 required Additional Courses. Also, a much needed laboratory component (FRSC 461) was added to complement our current FRSC 460 lecture course as part of the required Forensic Science Core Courses. These modifications will assist in achieving the Forensic Science Education Programs Accreditation Commission (FEPAC) accreditation.

**Total Credits
Required:** Total credits: minimum 120

Registrar's Office Use Only - Program Code:

SC-BS-FRSC

**Registrar/IRR Use
Only – Program CIP
Code**

**Admission
Requirements:**

Admissions

University-wide admissions policies can be found in the [Undergraduate Admissions Policies](#) section of this catalog.

To apply for this program, please complete the [George Mason University Admissions Application](#).

**Program-Specific
Policies:**

Policies

Students must fulfill all [Requirements for Bachelor's Degrees](#), including the [Mason Core](#).

[FRSC 302](#) Forensic Trace Analysis and [FRSC 304](#) Forensic Chemistry will satisfy the writing intensive requirement.

For policies governing all undergraduate programs, see [AP.5 Undergraduate Policies](#).

Degree Requirements:

Students should refer to the [Admissions & Policies](#) tab for specific policies related to this program.

Students majoring in forensic science must complete their coursework with a minimum GPA of 2.30. No more than three courses with a grade of 'D' (1.00) may be applied to the major.

Students are advised to be aware of prerequisites that may be required for each course in the curriculum.

Forensic Science Core Courses

Course List

Code	Title	Credits
FRSC 200	Survey of Forensic Science	3
FRSC 201	Introduction to Criminalistics	3
FRSC 302	Forensic Trace Analysis 1	3
FRSC 303	Forensic Evidence and Ethics	3
FRSC 304	Forensic Chemistry 1	3
FRSC 401	Crime Scene Investigations	3
FRSC 405	Independent Research Methods	3
or FRSC 406	Forensic Internship	
FRSC 460	Forensic DNA Analysis	3
FRSC 461	Forensic DNA Analysis Laboratory	1
FRSC 499	Comprehensive Examination	0
CRIM 100	Introduction to Criminal Justice (Mason Core)	3
Total Credits		28

¹[FRSC 302](#) Forensic Trace Analysis and [FRSC 304](#) Forensic Chemistry will satisfy this major's writing-intensive requirement.

Natural Science Core Courses

Course List

Code	Title	Credits
BIOL 213	Cell Structure and Function (Mason Core)	4
BIOL 214	Biostatistics for Biology Majors	3-4
or STAT 250	Introductory Statistics I (Mason Core)	
BIOL 311	General Genetics	4
BIOL 430	Advanced Human Anatomy and Physiology I	4
		4

Code	Title	Credits
<u>CHEM 211</u> & <u>CHEM 213</u>	General Chemistry I (<u>Mason Core</u>) and General Chemistry Laboratory I (<u>Mason Core</u>)	
<u>CHEM 212</u> & <u>CHEM 214</u>	General Chemistry II (<u>Mason Core</u>) and General Chemistry Laboratory II (<u>Mason Core</u>)	4
<u>CHEM 313</u>	Organic Chemistry I	3
<u>CHEM 314</u>	Organic Chemistry II	3
<u>CHEM 315</u>	Organic Chemistry Lab I	2
<u>CHEM 318</u>	Organic Chemistry Lab II	2
<u>MATH 113</u> or <u>MATH 123</u> & <u>MATH 124</u>	Analytic Geometry and Calculus I (<u>Mason Core</u>) Calculus with Algebra/Trigonometry, Part A and Calculus with Algebra/Trigonometry, Part B (<u>Mason Core</u>)	4-6
<u>PHYS 243</u>	College Physics I (<u>Mason Core</u>)	3
<u>PHYS 244</u>	College Physics Lab (<u>Mason Core</u>)	1
<u>PHYS 245</u>	College Physics II (<u>Mason Core</u>)	3
<u>PHYS 246</u>	College Physics Lab (<u>Mason Core</u>)	1
Total Credits		45-48

Additional Courses

Course List

Code	Title	Credits
Select 14 credits from the following:		14
Select 13 credits from the following:		13
<u>FRSC 415</u>	Selected Topics in Forensic Science	
<u>BINF 401</u>	Bioinformatics and Computational Biology I	
<u>BINF 402</u>	Bioinformatics and Computational Biology II	
<u>BIOL 305</u>	Biology of Microorganisms	
<u>BIOL 306</u>	Biology of Microorganisms Laboratory	
<u>BIOL 404</u>	Medical Microbiology	
<u>BIOL 405</u>	Microbial Genetics	
<u>BIOL 431</u>	Advanced Human Anatomy and Physiology II	
<u>BIOL 452</u>	Immunology	
<u>BIOL 453</u>	Immunology Laboratory	
<u>BIOL 482</u>	Introduction to Molecular Genetics	
<u>BIOL 484</u>	Eukaryotic Cell Biology	
<u>CHEM 321</u>	Quantitative Chemical Analysis	
<u>CHEM 331</u>	Physical Chemistry I	
<u>CHEM 332</u>	Physical Chemistry II	
<u>CHEM 336</u>	Physical Chemistry Lab I	
<u>CHEM 337</u>	Physical Chemistry Lab II	

Code	Title	Credits
<u>CHEM 422</u>	Instrumental Methods of Chemical Analysis	
<u>CHEM 423</u>	Instrumental Methods of Chemical Analysis Laboratory	
<u>CHEM 427</u>	Aquatic Environmental Chemistry	
<u>CHEM 441</u>	Properties and Bonding of Inorganic Compounds	
<u>CHEM 446</u>	Bioinorganic Chemistry	
<u>CHEM 463</u>	General Biochemistry I	
<u>CHEM 464</u>	General Biochemistry II	
<u>CHEM 465</u>	Biochemistry Lab	
Total Credits		13

Plan of Study:

Honors
Information:

Additional Program Information

This information is required by the Office of Accreditation and Program Integrity.

Courses offered via
distance (if
applicable):

What is the
primary delivery
format for the
program?

Face-to-Face Only

Does any portion of this program occur off-campus?

No

Are you working with a vendor / other collaborators to offer your program?

No

Related
Departments

Could this program prepare students for any type of professional licensure, in
Virginia or elsewhere?

No

Are you adding or removing a licensure component?

No

Additional SCHEV & SACSCOC Information

Are you changing the total number of credits required for this program?

Are you changing the delivery format in any way (e.g adding an online option)?

Are you adding/removing a licensure option which was approved by SCHEV?

Will any portion of this program be offered at an off-campus location?

Are you adding significant new content areas to the program?

Will this program change affect any specialized accreditation?

Green Leaf Program Designation

Is this a Green Leaf program? No

Does this program cover material which crosses into another department?

No

Additional Attachments

SCHEV Proposal

Executive Summary

Reviewer Comments

**Additional
Comments**

Forensics: please make sure I've correctly completed the "Additional Program Information" section, feel free to make edits if needed. Thanks- Jen