

# Course Change Request

Date Submitted: 01/23/26 2:03 pm

## Viewing: FRSC 460 : Forensic DNA Analysis

Last approved: 01/14/25 6:09 am

Last edit: 01/23/26 2:03 pm

Changes proposed by: kcarisi

Catalog Pages  
referencing this  
course

[Forensic Science \(FRSC\)](#)

[Forensic Science Minor](#)

Select modification type:

Substantial

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

No

### In Workflow

1. FRSC Representative
2. SC Curriculum Committee
3. SC Assistant Dean
4. Assoc Provost- Undergraduate
5. Registrar-Courses
6. Banner

### Approval Path

1. 01/23/26 2:07 pm  
Kimberly Rule  
(kcarisi): Approved  
for FRSC  
Representative

### History

1. Mar 30, 2018 by  
rzachari
2. Nov 27, 2018 by  
Kimberly Rule  
(kcarisi)
3. May 12, 2020 by  
Tory Sarro (vsarro)
4. Jan 14, 2025 by  
Kimberly Rule  
(kcarisi)

**Effective Term:** Fall 2026**Subject Code:** FRSC - Forensic Science**Course Number:** 460**Bundled Courses:****Is this course replacing another course?** No**Equivalent Courses:****Catalog Title:** Forensic DNA Analysis**Banner Title:** Forensic DNA Analysis**Will section titles vary by semester?** No**Credits:** 3**Schedule Type:** Lecture**Hours of Lecture or Seminar per week:** 3**Repeatable:** May be only taken once for credit, limited to 3 attempts (N3) **Max Allowable Credits:** 9**Default Grade Mode:** Undergraduate Regular**Recommended Prerequisite(s):****Recommended Corequisite(s):**

FRSC 461

**Required Prerequisite(s) / Corequisite(s)  
(Updates only):**Add as required pre-requisite: BIOL 215 and BIOL 313 BIOL311**Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):**

And/Or	(	Course/Test Code	Min Grade/Score	Academic Level	)	Concurrency?
	(	FRSC 200	C	UG		
Or		FRSC 200	XS	UG	)	
And	(	FRSC 201	C	UG		
Or		FRSC 201	XS	UG	)	

And/Or	(	Course/Test Code	Min Grade/Score	Academic Level	)	Concurrency?
And	(	BIOL 213	C	UG		
Or		BIOL 213	XS	UG	)	
And	(	BIOL 311	C	UG		
Or		BIOL 311	XS	UG		
Or		BIOL L311	T	UG	)	

**Registration  
Restrictions  
(Updates only):**

**Registrar's Office Use Only - Registration Restrictions:**

**Field(s) of Study:**

**Class(es):**

**Level(s):**

**Degree(s):**

**School(s):**

**Catalog**

**Description:**

This course will provide an understanding of body fluid identification and molecular biology testing methodologies as applied to the analysis of forensic samples. The process of forensic DNA analysis will be covered in depth. Current topics in forensic DNA analysis will be reviewed including population genetics, validation, quality assurance, the CODIS database, Y-STRs, mitochondrial DNA testing, SNPs and contemporary research.

**Justification:**

What: add BIOL 215 lab and BIOL 313 lab as required pre-requisites.

Why: BIOL 213 lecture and lab has been recently decoupled to BIOL 213 lecture and BIOL 215 lab, therefore we need to add the BIOL 215 lab as a required pre-requisite to maintain current requisites. BIOL 311 lecture and lab has been recently decoupled to BIOL 311 lecture and BIOL 313 lab, therefore we need to add the BIOL 313 lab as a required pre-requisite to maintain current requisites.

**Does this course cover material which crosses into another department?** No

**Learning Outcomes:**

**Will this course be scheduled as a cross-level cross listed section?**

**Attach Syllabus**

**Additional Attachments**

[FRSC460\\_mod\\_Oct20162.pdf](#)

**Specialized Course**

**Categories:**

Have you reached out to the Libraries to determine whether there are adequate resources to support your course? If not, please email Meg Meiman, Associate University Librarian for Learning, Research, and Engagement at [mmeiman2@gmu.edu](mailto:mmeiman2@gmu.edu).

**Additional Comments:**

**Reviewer Comments**

Key: 6727