

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

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)

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

No

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 ~~BIOL 1311~~

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.

Additional Comments:

Reviewer Comments

Key: 6727