

# Course Change Request

Date Submitted: 11/04/24 8:04 pm

Viewing: **FRSC 460 : Forensic DNA Analysis**

Last approved: 05/12/20 4:44 am

Last edit: 11/04/24 8:03 pm

Changes proposed by: kcarisi

### Catalog Pages referencing this course

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

### Select modification type:

Substantial

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

No

Effective Term: Spring 2025

### In Workflow

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

### Approval Path

1. 11/04/24 8:23 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)

**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):**[BIOL L311](#)**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	(	BIOL 213	C	UG		

And/Or	(	Course/Test Code	Min Grade/Score	Academic Level	)	Concurrency?
Or		BIOL 213	XS	UG	)	
And	(	BIOL 311	C	UG		
Or		BIOL 311	XS	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 contem ora research.

**Justification:**

What: Adding lower-level equivalent pre-requisite of BIOL 311 (BIOL L311).

Why: To eliminate the need of registration overrides for the lower-level equivalent course of BIOL 311.

**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:**

**Additional  
Comments:**

**Reviewer  
Comments**

Key: 6727