

# Course Change Request

Date Submitted: 10/05/18 12:13 pm

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

**~~Molecular Biology~~**

Last approved: 03/30/18 4:27 am

Last edit: 10/05/18 12:13 pm

Changes proposed by: kcarisi

Catalog Pages  
referencing this  
course

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

[Forensic Science Program](#)

## In Workflow

1. Registrar-  
Courses:Title  
Change
2. FRSC  
Representative
3. SC Curriculum  
Committee
4. SC Associate Dean
5. Assoc Provost-  
Undergraduate
6. Registrar-Courses
7. Banner

Select modification type:

Substantial

## Approval Path

1. 10/08/18 9:56 am  
Tory Sarro (vsarro):  
Approved for  
Registrar-  
Courses:Title  
Change
2. 10/08/18 9:57 am  
Emily Rancourt  
(erancour):  
Approved for FRSC  
Representative

## History

1. Mar 30, 2018 by  
Rebekah Zacharias  
(rzachari)

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

No

**Effective Term:** Spring 2019

**Subject Code:** FRSC - Forensic Science

**Course Number:**  
460

**Bundled Courses:**

**Equivalent Courses:**

**Catalog Title:** Forensic **DNA Analysis** ~~Molecular Biology~~

**Banner Title:** Forensic **DNA Analysis** ~~Molecular Biology~~

**Will section titles vary by semester?** No

**Credits:** 3

**Schedule Type:** Lecture

**Hours of Lecture or Seminar per week:** 3

**Repeatable:** May only be taken once for credit (NR)

**Default Grade Mode:** Undergraduate Regular

**Recommended Prerequisite(s):**

**Recommended Corequisite(s):**  
**FRSC 461**

**Required Prerequisite(s) / Corequisite(s) (Updates only):**

**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		

And		FRSC 201	C	UG		
And		BIOL 213	C	UG		
And		BIOL 311	C	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:**

The course title was modified to coincide with FEPAC Accreditation wording and the newly proposed laboratory course (FRSC 461 Forensic DNA Analysis Laboratory) was added as a recommended co-requisite.

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

**Learning Outcomes:**

**Attach Syllabus**

**Additional Attachments**

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

**Specialized Course Categories:**

**Additional  
Comments:**

~~catalog title changed to match banner title~~

**Reviewer  
Comments**