

Course Change Request

Date Submitted: 10/05/18 12:16 pm

Viewing: **FRSC 540 : Advanced Forensic Chemistry**

Last approved: 12/07/17 9:38 am

Last edit: 10/05/18 12:16 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-Graduate
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. Dec 7, 2017 by
Kimberly Rule (kcarisi)

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

No ~~Yes~~

Effective Term: Spring 2019

Subject Code: FRSC - Forensic Science

Course Number:
540

Bundled Courses:

**Equivalent
Courses:**

Catalog Title: **Advanced** Forensic Chemistry

Banner Title: **Advanced** Forensic Chemistry

**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:** Graduate Regular

**Recommended
Prerequisite(s):**

Undergraduate degree in chemistry or biology. The student must have a good understanding of general Chemistry including polarity and acid/base chemistry. A student should have taken Organic Chemistry, and be able to identify functional groups and other chemistry structures that make up a molecule. Any exposure to instrumental techniques such as gas chromatography, mass spectrometry and infrared spectroscopy are helpful.

**Recommended
Corequisite(s):**

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

FRSC 541 Co-req

FRSC 514 Pre-req

Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):

And/Or	(Course/Test Code	Min Grade/Score	Academic Level)	Concurrency?
		FRSC 541	B-	GR		Yes

Registration

Restrictions

(Updates only):

Include only students admitted to Forensic Science MS Forensic Chemistry Analysis Concentration (FRCA).

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Include

Forensic Chemistry Analysis concentration student only (FRCA)

(SCRRMAJ_ONLY_FRCA_CONCENTRATION)

Class(es):

Include

Limited to students with a class of Senior Plus. (SCRRCLS_ONLY_SP)

Limited to students with a class of Non Degree (SCRRCLS_ONLY_ND)

Limited to students with a class of Advanced to Candidacy. (SCRRCLS_ONLY_DC)

Limited to students with a class of Graduate. (SCRRCLS_ONLY_GR)

Level(s):

Include

Enrollment limited to students with a level of Non-Degree (SCRRLVL_ONLY_ND)

Limited to undergraduate level students. (SCRRLVL_ONLY_UG)

Limited to graduate level students only. (SCRRLVL_ONLY_GR)

Degree(s):

Exclude

Non-Degree Undergraduate Degree students may not enroll. (SCRRDEG_NO_NDU)

School(s):

Catalog

Description:

The principles of forensic chemistry will be addressed in this course, including analytical chemistry, instrumental methods of analysis, sample handling, drug chemistry and toxicology.

Justification:

Course title was modified to alert students of the advanced content of the course and added pre-requisite.

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

Learning Outcomes:

Attach Syllabus

Additional Attachments

Specialized Course Categories:

Global

Information

Ethics

Literature

Natural Sciences with Lab

Natural Sciences Non-Lab

Courses must meet the following learning

Oral Communication

Course must address all of the following

Quantitative Reasoning

Course must address all of the following learning outcomes:

Social and Behavioral Sciences

Course must meet all three learning outcomes:

Capstone

Synthesis

Course must meet learning outcomes 1 and 2:

Course must meet one additional learning outcome:

Western Civilization/World History

Course must meet at least three of the following learning outcomes:

Describe the overall rationale for designating this course as Western Civilization/World History Mason Core.

**Additional
Comments:**

**Reviewer
Comments**