

Program Map: Forensic Science, Concentration in Chemistry

Name:
Start Date:

SID:
Catalog Date:

Advisor:
Expected Graduation Date:

Freshman	Fall Courses			Spring Courses			Notes	
	Course	Name	Hours	Course	Name	Hours		
	ENGL 1101* Core Area A	Composition I Pre-requisite:	3	ENGL 1102* Core Area A	Composition II Pre-requisite: ENGL 1101	3		*A grade of C or better must be earned for this course
	MATH 1113* Core Area A	Pre-Calculus Pre-requisite: MATH 1111	3	MATH 2101* OR MATH 1401* Area F	Calculus I OR Elementary Statistics Pre-requisite: MATH 1113	3-4		
	FSCI 1101* Area D (non-lab)	Intro to Molecular Forensic Sci Pre-requisite: None	3	CHEM 1212* Area F	Principles of Chemistry II Pre-requisite: CHEM 1211	3		
	CHEM 1211* Area F	Principles of Chemistry I Pre-requisite: placement test	3	CHEM 1212L* Area F	Principles of Chemistry II Lab Pre-requisite: CHEM 1211L	1		
	CHEM 1211L* Area F	Principles of Chemistry I Lab Pre-requisite: placement test	1	POLS 1101 Core Area E	American Government	3		
COST 1103 Area F	COST First Year Experience	2	HUMN 1201 Core Area B	Critical Thinking & Communication	3			
Fall Milestones			Total	Spring Milestones		Total		
			15			17		

Sophomore	Fall Courses			Spring Courses			Notes	
	Course	Name	Hours	Course	Name	Hours		
	FSCI 3301* Major	Principles of Forensic Science Pre-requisite: CHEM 1211 OR FSCI 1101	3	PHYS 1112K*; PHYS 2212K* Area D Lab	Intro to Physics or Principles of Physics Pre-requisite: MATH 1113; MATH 2101	4		*A grade of C or better must be earned for this course
	FSCI 3301L* Major	Principles of Forensic Science Pre-requisite: CHEM 1211 OR FSCI 1101	1	BIOL 1107* Area F	Principles of Biology I Pre-requisite: None	3		
	PHYS 1111K*; PHYS 2211* Area D Lab	Intro to Physics or Principles of Physics Pre-requisite: MATH 1113; MATH 2101	4	BIOL 1107L* Area F	Principles of Biology I Lab Pre-requisite: None	1		
	CHEM 2501* Major	Organic Chemistry Pre-requisite: CHEM 1212/1212L	3	MATH 2111* Major	Calculus II Pre-requisite: MATHJ 2101	4		
	CHEM 2501L* Major	Organic Chemistry Lab Pre-requisite: CHEM 1212L	1	CHEM 2601K* Major	Chemical Research Methods/Ethics Pre-requisite: CHEM 1212/1212L	2		
Area E Social Sci. Option	Pre-requisite: None	2						
Fall Milestones			Total	Spring Milestones		Total		
Student should know their career track			17	Student should have completed a job shadowing experience relevant to their career track		14		

Junior	Fall Courses			Spring Courses			Notes	
	Course	Name	Hours	Course	Name	Hours		
	BIOL 1108* Area F	Principles of Biology II Pre-requisite: BIOL 1107/1107L	3	FSCI 4101 Major	Personal ID & DNA Analysis Pre-requisite:	3		*A grade of C or better must be earned for this course
	BIOL 1108L* Area F	Principles of Biology II Lab Pre-requisite: BIOL 1107L	1	FSCI 4101L Major	Personal ID & DNA Analysis Lab Pre-requisite:	1		
	FSCI 3401* Major	Research or Internship Pre-requisite: FSCI 3301	3	Area E Social Sci. Option	Pre-requisite: None	3		
	CHEM 2511* Major	Organic Chemistry II Pre-requisite: CHEM 2501	3	FSCI ELEC * Major		3		
	CHEM 2511L* Major	Organic Chemistry II Lab Pre-requisite: CHEM 2501 L	1	CHEM 3111K* Major	Instrumental Analysis Pre-requisite: CHEM 310K	3		
CHEM 3101K* Major	Analytical Chemistry Pre-requisite: CHEM 1212/1212L	4	FSCI ELEC* Major		3			
Fall Milestones			Total	Spring Milestones		Total		
Student should have completed an internship or research experience relevant to their career track			14	Students should have completed any required admissions testing for their career track (GRE, MCAT, PCAT, DAT)		17		

Senior	Fall Courses			Spring Courses			Notes	
	Course	Name	Hours	Course	Name	Hours		
	FSCI 4401* Major	Crime Scene I Pre-requisite: FSCI 3301	2	FSCI 4901 Major	Forensic Science Seminar Pre-requisite: FSCI 3301	1		*A grade of C or better must be earned for this course
	FSCI 4201* Major	Drug Abuse & Drug Analysis Pre-requisite: CHEM 2511; BIOL 1108	3	FSCI ELECTIVE* Major		4		
	FSCI 4201L* Major	Drug Abuse & Drug Analysis Lab Pre-requisite:	1	FSCI 4402* Major	Crime Scene II Pre-requisite: FSCI 4401	2		**Some professional educational programs may need to be completed by the summer before the senior year.
	MATH 1401* Major	Elementary Statistics Pre-requisite: MATH 1113	3	HIST 2111; HIST 2112 Core Area E	World History	3		Does this Degree Program Require a Minor? <u>No</u>
	CHEM 3401K* Major	Physical Chemistry Pre-requisite: CHEM 1212/1212L	4	Core Area C Option	Humanities & Fine Arts	3		Total Hours Required for this Degree Program: <u>122</u>
Core Area C Option	Humanities & Fine Arts Pre-requisite:	3						
Fall Milestones			Total	Spring Milestones		Total		
Application completed for further professional educational programs relative to your career track**			16			13		

Program Map: Forensic Science, Concentration in Chemistry

Core Curriculum (Programmed Preferred Options in Bold)

Area B – Institutional Options 5 hrs

- i. AFRS 1501 Survey of African-American Experience 2 hrs
- ii. HUMN 1201 Critical Thinking & Communication 3 hrs

Area C – Humanities/Fine Arts, and Ethics 6 hrs,

1. Select one of the following:

- i. ENGL 2111 World Literature I 3 hrs
- ii. ENGL 2112 World Literature II 3 hrs
- iii. ENGL 2121 British Literature I 3 hrs
- iv. ENGL 2122 British Literature II 3 hrs
- v. ENGL 2131 American Literature I 3 hrs
- vi. ENGL 2132 American Literature II 3 hrs
- vii. ENGL 2222 African American Literature 3 hrs
- viii. PHIL 2010 Introduction to Philosophy 3 hrs
- ix. PHIL 2030 Introduction to Ethics 3 hrs

2. Select one of the following:

- i. ARTS 1101 Introduction to Visual Art 3 hrs
- ii. DNCE 2010 Dance Appreciation 3 hrs
- iii. ENGL 2521 Introduction to Film 3 hrs
- iv. HUMN 2011 Humanities 3 hrs
- v. MUSC 1101 Introduction to Music 3 hrs
- vi. THEA 2101 Introduction to Theatre 3 hrs

Area D – Natural Sciences, Math & Technology 10 hrs

1. Select one of the following:

- i. BIOL 1107 Principles of Biology I 3 hrs
- ii. BIOL 1108 Principles of Biology II 3 hrs
- iii. CHEM 1211 Principles of Chemistry I 3 hrs
- iv. CHEM 1212 Principles of Chemistry II 3 hrs
- v. CISM 1130 Computer Applications 3 hrs
- vi. CSCI 1130 Computer Applications 3 hrs
- vii. CSCI 1301 Computer Science I 3 hrs
- viii. ENVS 1140 Environmental Issues 3 hrs

2. Select two of the following lab sciences in sequence:

- i. BIOL 1107/1107L Principles of Biology I 4 hrs
- ii. BIOL 1108/1108L Principles of Biology II 4 hrs
- iii. CHEM 1211/1211L Principles of Chemistry 4 hrs
- iv. CHEM 1212/1212L Principles of Chemistry 4 hrs
- v. PHYS 1111K Introductory Physics I 4 hrs
- vi. PHYS 1112K Introductory Physics II 4 hrs
- vii. PHYS 2211K Principles of Physics I 4 hrs
- viii. PHYS 2212K Principles of Physics II 4 hrs

Area E – Social Science 12 hrs

- i. POLS 1101 American Government 3 hrs

2. Select one of the following:

- i. HIST 2111 U.S. History to the Post-Civil War Period 3 hrs
- ii. HIST 2112 U.S. History from the Post-Civil War to Pre 3 hrs

3. Select two of the following:

- i. AFRS 2000 Introduction to Africana Studies 3 hrs
- ii. ANTH 1101 Introduction to Anthropology 3 hrs
- iii. ECON 2105 Principles of Macro-Economics 3 hrs
- iv. GEOG 1101 Introduction to Human Geography 3 hrs
- v. HIST 1111 World Hist to Early Modern Times 3 hrs
- vi. HIST 1112 World History Early Modern Times to Pres 3 hrs
- vii. POLS 2401 Global Issues 3 hrs
- viii. PSYC 1101 Intro to General Psychology 3 hrs
- ix. PSYC 2103 Human Growth & Development 3 hrs
- x. SOCI 1101 Introduction to Sociology 3 hrs
- xi. SOCI 1160 Social Problems 3 hrs

Distinctive Courses in this Major