

B.S. in Forensic Science
2009-10
College of Humanities and Sciences General Education Requirements
Foundational Courses

1. Writing : Complete each course.	Credits	Grade
UNIV 111 Focused Inquiry I		
UNIV 112 Focused Inquiry II (C grade or better required)		
ENGL 200 or an academic research writing course (C grade or better required; must complete 24 credits before enrolling)		

2. Mathematics & Statistics:

MATH 200 Calculus with Analytic Geometry I (prerequisite: MATH 151 or placement into MATH 200)	4	
STAT 210 Basic Practice of Statistics (prerequisite: MATH 131 or 141 or 151, or placement into STAT 210)	3	

Supporting Courses
3. Human, Social, and Political Behavior: Choose one course.

ANTH/INTL 103 Introduction to Anthropology ECON 101/INTL 102 Introduction to Political Economy HUMS 300 Great Questions of the Social Sciences POLI 103 U.S. Government PSYC 101 Introduction to Psychology (4 credits) SOCY 101 General Sociology		
Course Taken		

4. Science and Technology: Choose one course.

BIOL 101 Biological Concepts (3 or 4 credits) BIOL/ENVS 103 Environmental Science (4 credits) CHEM 110 Chemistry and Society INSC 201 Energy! (prerequisite: Math 131, STAT 208, or higher level MATH or STAT) PHYS 103 Elementary Astronomy		
Course Taken		

5. Diverse and Global Communities: Choose one course.

INTL 101 Human Societies and Globalization MASC/INTL 151 Global Communication POLI/INTL 105 International Relations RELS 108 Human Spirituality WMNS 201 Introduction to Women's Studies		
Course Taken	3	

6. Literature and Civilization: Choose one course.	Credits	Grade
ENGL 215 Readings in Literature HIST 201 The Art of Historical Detection HUMS 250 Reading Film PHIL 201 Critical Thinking About Moral Problems (required for all FOS majors) WRLD 203 Cultural Texts and Contexts WRLD 230 Introduction to World Cinema		
Course Taken	3	

7. General Education Electives: Choose any 2 additional courses from boxes 3, 4, 5, or 6 (must be from two different boxes).	Credits	Grade
Course Taken		
Course Taken		

Experiential Courses

8. General Education Modules: Complete each course.	Credits	Grade
Experiencing the Fine Arts: successfully complete one course from the School of the Arts (1-3 credits)		
HUMS 202 Choices in a Consumer Society	1	

9. Foreign Language: Must demonstrate competency through the 102 level by previous high school background or placement test.	Credits	Grade
101 level		
102 level		

10. Senior Capstone: taken in major as a senior (after at least 85 credits)	Credits	Grade
FRSC 490 Professional Practices in Forensic Science	3	

 Has VCCS Associate Degree _____

NAME

FORENSIC SCIENCE

Major Requirements

Forensic Science Core:	Credits	Grade
BIOL 151 Introduction to Biological Science I (Prerequisite: Placement into MATH 151 and a "C" or higher in CHEM 100 or placement into CHEM 101)	3	
BIOZ 151L Introduction to Biology Lab I (Pre/Corequisite BIOL 151)	1	
CRJS 181 Justice System Survey	3	
FRSC 309 Scientific Crime Scene Investigation	3	
FRSC 350 Survey of Forensic Science (Pre/Co-requisite BIOL 151, BIOZ 151L, CHEM 301 & CHEZ 301L)	3	
FRSC 365 Forensic Microscopy (Prerequisite FRSC 350)	4	
FRSC 375 Forensic Evidence, Law, and Criminal Procedure (Prerequisite FRSC 350)	3	
CHEM 101 General Chemistry I (Prerequisite CHEM 100 with a "C" or higher or placement into CHEM 101. Pre/Co-requisite of MATH 151)	3	
CHEZ 101L General Chemistry Lab I (Pre/Co-requisite CHEM 101)	1	
CHEM 102 General Chemistry II (Prerequisite CHEM 101)	3	
CHEZ 102L General Chemistry Lab II (Prerequisite CHEZ 101, Co-requisite CHEM 102)	1	
CHEM 301 Organic Chemistry I (Prerequisite CHEM 101-102 & CHEZ 101-102L)	3	
CHEZ 301L Organic Chemistry I Lab (Pre/Co-requisite CHEM 301)	2	
CHEM 302 Organic Chemistry II (Prerequisite CHEM 301)	3	
CHEZ 302L Organic Chemistry II Lab (Prerequisite CHEZ 301L, Pre/Co-requisite CHEM 302)	2	
PHYS 201 General Physics I (Prerequisite MATH 151) OR PHYS 207 University Physics I (Prerequisite MATH 200)	4-5	
PHYS 202 General Physics II (Prerequisite MATH 151) OR PHYS 208 University Physics II (Prerequisite PHYS 207, Pre/Corequisite MATH 201)	4-5	
Advanced credits (min. 7 credit hours) in BIOL/Z, CHEM/Z, CRJS, FRSC/Z, MATH, or PHYS 2xx-3xx-4xx-5xx	7	

NOTE: A "C" grade or better in the following courses is required to continue in Forensic Science, BIOL 151-152, BIOZ 151L-152L, CHEM 101-102, CHEZ 101L-102L, and PHYS 201 or PHYS 207.

A "C" grade or better in CHEM 101-102, CHEZ 101-102L, BIOL 218, CHEM 101, CHEM 301-302, CHEZ 301-302, and CHEM 309 is required for enrollment in all courses for which they are a prerequisite.

Forensic Science Concentrations: choose one

Forensic Biology Concentration	Credits	Grade
BIOL 152 Introduction to Biological Science II (Prerequisite: Placement into MATH 151 and a "C" or higher in CHEM 100 or placement into CHEM 101)	3	
BIOZ 152L Introduction to Biology Lab II (Pre/Co-requisite BIOL 152)	1	
BIOL 218 Cell Biology (Prerequisite: BIOL 151, 152 & BIOZ 151L, 152L; CHEM 102 & CHEZ102)	3	
BIOL 476 Biology Capstone Laboratory (Prerequisite BIOL 310)	2	
BIOL 310 Genetics (Prerequisite: BIOL 218)	3	
CHEM/BIOC 403 Biochemistry I (Prerequisite: CHEM 101-102, CHEZ101-102L, CHEM 301-302)	3	
FRSC 385 Forensic Serology (Prerequisite FRSC 350)	3	
FRSC/BIOL 438 Forensic Molecular Biology (Prerequisite BIOL 310, CHEM 302 & CHEZ 302L)	3	
FRSZ/BIOZ 438L Forensic Molecular Biology Laboratory (Pre/Co-requisite BIOL 476 & BIOL/FRSC 438)	2	

Forensic Chemistry Concentration	Credits	Grade
MATH 201 Calculus with Analytic Geometry II (Prerequisite MATH 200)	4	
CHEM 303 Physical Chemistry (Prerequisite CHEM 101-102, CHEZ 101-102L, PHYS 201-202 or PHYS 207-208 and MATH 200-201)	3	
CHEZ 303L Physical Chemistry Lab (Prerequisite CHEM 101-102, CHEZ 101-102L, Pre/Co-requisite CHEM 303, 309, and CHEZ309L)	2	
CHEM 309 Quantitative Analysis (Prerequisite CHEM 101-102, CHEZ 101-102L, and MATH 151)	3	
CHEZ 309L Quantitative Analysis Lab (Prerequisite CHEM 101-102, CHEZ 101-102L, Pre/Co-requisite CHEM 309)	2	
FRSC 401 Forensic Chemistry (Prerequisite FRSC 350, CHEM 409 and CHEZ 409L)	3	
CHEM 409 Instrumental Analysis (Prerequisite CHEM 101-102, CHEZ 101-102L, CHEM 301-302, CHEM 303 and 309 with laboratories)	3	
CHEZ 409L Instrumental Analysis Lab (Prerequisite CHEM 101-102, CHEM 301-302, CHEM 303 and 309 with laboratories. Pre/Co-requisite CHEM 409)	2	

Additional degree requirements

- Cumulative 2.00 GPA
- 2.00 GPA in the major
- Minimum of 120 total earned hours
- 45 upper level credits or the equivalent
- At least 30 of the last 45 credits taken at VCU
- Forensic Science students are eligible to apply for a Chemistry minor. All upper level Chemistry courses must be taken at VCU