

B.S. in Forensic Science

2008-09

College of Humanities and Sciences General Education Requirements

Foundational Courses

1. Writing : Complete each course.	Credits	Grade
UNIV 111 Focused Inquiry I	3	
UNIV 112 Focused Inquiry II (C grade or better required)	3	
ENGL 200 or an academic research writing course (C grade or better required; must complete 24 credits before enrolling)	3	

2. Mathematics & Statistics: Choose one course.	Credits	Grade
MATH 200 Calculus with Analytic Geometry I (prerequisite: satisfactory score on math placement test or MATH 151 Precalculus)		
STAT 210 Basic Practice of Statistics (prerequisite: MATH 141 or satisfactory score on math placement test)		

Supporting Courses

3. Human, Social, and Political Behavior: Choose one course.	Credits	Grade
ANTH/INTL 103 Introduction to Anthropology HUMS 300 Great Questions of the Social Sciences POLI 103 U.S. Government PSYC 101 Introduction to Psychology SOCY 101 General Sociology		
Course Taken	3	

4. Science and Technology: Choose one course.	Credits	Grade
BIOL 101 Biological Concepts (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.	Credits	Grade
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.	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	
Computer Literacy Requirement		

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 within last 30 credit hours	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 (Placement into MATH 151 and a grade of "C" or better in CHEM 100 or placement into CHEM 101)	3	
BIOZ 151L Introduction to Biology Lab I (Pre/Corequisite of BIOL 151)	1	
CRJS 181 Justice System Survey or CRJS 305 Policing Theories and Practice	3	
FRSC 309 Scientific Crime Scene Investigation	3	
FRSC 350 Survey of Forensic Science (Pre/Co-requisite BIOL 151, BIOZ 151L, BIOL 152, BIOZ 152L, CHEM 301 & CHEZ 301L)	3	
FRSC 365 Forensic Microscopy (Prerequisite FRSC 350)	4	
FRSC 375 Forensic Evidence, Law, and Criminal Procedure	3	
CHEM 101 General Chemistry I Prerequisite CHEM 100 with a "C" or higher, or high school chemistry & a satisfactory combination of Math SAT & high school GPA. Pre/Co-requisite of MATH 151	3	
CHEZ 101L General Chemistry Lab I	1	
CHEM 102 General Chemistry II Prerequisite of CHEM 101 with a grade of "C" or higher	3	
CHEZ 102 L General Chemistry Lab II	1	
CHEM 301 Organic Chemistry I Prerequisite CHEM 101-102 & CHEZ/FRSZ 101L, 102L	3	
CHEZ 301L Organic Chemistry I Lab Pre/Co-requisite of CHEM 301	2	
CHEM 302 Organic Chemistry II A grade "C" or better in CHEM 301	3	
CHEZ 302L Organic Chemistry II Lab Pre/Co-requisite of CHEM 302	2	
PHYS 201 General Physics Prerequisite MATH 151	4	
PHYS 202 General Physics Prerequisite MATH 151	4	
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. A "C" grade or better in BIOL 218, CHEM 101, and CHEM 301 is required for enrollment in all courses for which they are a prerequisite.

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. 9 credits of upper level Chemistry courses must be taken at VCU.

Forensic Science Concentrations: choose one

Forensic Biology Concentration	Credits	Grade
BIOL 152 Introduction to Biological Science II (Placement into MATH 151 and a grade of "C" or better in CHEM 100 or placement into CHEM 101)	3	
BIOZ 152L Introduction to Biology Lab II (Pre/Co-requisite of BIOL 152)	1	
BIOL 218 Cell Biology A "C" grade or better in BIOL 151, 152 & BIOZ 151L, 152L or equivalent; CHEM 102 & CHEZ 102L or equivalent	3	
BIOL 300 Biotechniques Lab Prerequisite BIOL 218 or equivalent	2	
BIOL 310 Genetics A "C" grade or better in BIOL 218	3	
CHEM/BIOC 403 Biochemistry Prerequisite CHEM 101-102, CHEZ/FRSZ 101L, 102L & CHEM 301-302, or equivalent w/ instructor permission	3	
FRSC 385 Forensic Serology	3	
FRSC/BIOL 438 Forensic Molecular Biology Prerequisite BIOL 310 or equivalent; CHEM 302 & CHEZ 302L	3	
FRSZ/BIOZ 438L Forensic Molecular Biology Lab Pre/Co-requisites of BIOL 300 and BIOL/FRSC 438	2	
FRSC/Nat. Science Elec. 3xx-4xx-5xx (minimum of 3 credits)		

Forensic Chemistry Concentration	Credits	Grade
MATH 201 Calculus with Analytic Geometry II Prerequisite MATH 201	4	
CHEM 303 Physical Chemistry Prerequisite CHEM 101-102, CHEZ/FRSC 101L, 102L, CHEM 301-302, CHEZ 301L, 302L, PHYS 201-202 or PHYS 207-208 and MATH 200-201	3	
CHEZ 303L Physical Chemistry Lab Prerequisite CHEM 101-102, CHEZ/FRSC 101L, 102L, CHEM 301-302, CHEZ 301L, 302L, PHYS 201-202 or PHYS 207-208 & MATH 200-201 Pre/Co-requisite CHEM 303	2	
CHEM 309 Quantitative Analysis Prerequisite CHEM 101-102, CHEZ/FRSC 101L, 102L, CHEM 301-302, CHEZ 301L, 302L and MATH 151 or equivalent	3	
CHEZ 309L Quantitative Analysis Lab Prerequisite CHEM 101-102, CHEZ/FRSC 101L, 102L, CHEM 301-302, CHEZ 301L, 302L Pre/Co-requisite CHEM 309	2	
FRSC 401 Forensic Chemistry Prerequisite FRSC 350, CHEM 409 and CHEZ 409L	3	
CHEM 409 Instrumental Analysis Grade of "C" or better in Prerequisite CHEM 100 (if required by placement test) CHEM 101-102, CHEM 301-302, CHEM 303-304 and 309 with laboratories	3	
CHEZ 409L Instrumental Analysis Lab Prerequisite CHEM 101-102, CHEM 301-302, CHEM 303-304 and 309 with laboratories. Pre/Co-requisite CHEM 409	2	

