



FEPAC

FORENSIC SCIENCE EDUCATION PROGRAMS
ACCREDITATION COMMISSION

Application for Undergraduate Forensic Science Accreditation

University/College: _____

City, State: _____

Institution Type: Private: Public:

Part 1: Forensic Science Program Information

Program Name: _____

Bachelor Degree: _____

Please specify the Department, School,
College, and/or Division that offers the
program: _____

Date Program Established: _____

Date of First Graduate: _____

Number of Enrolled Students: _____

Number of Graduates to Date: _____

Program Director Information

Program Director: _____

Title: _____

Mailing Address: _____

Telephone: _____

E-mail: _____

Program Web site: _____

4.4. Forensic Science Capstone Experience

4.4.1. A minimum of three semester hours resulting in a capstone presentation, publication, or similar scholarly product. The requirement can be met in the following ways:

- Capstone Course
- Internships
- Independent Research

	Course ID	Course	3 Semester Hours	Laboratory Required
1				

4.5. SPECIFIC EMPHASIS TRACKS CURRICULAR REQUIREMENTS

Programs with no concentrations or tracks complete 4.6.1. Criminalistics.

Programs with concentration, track, or emphasis in Biology complete 4.7.

Programs with concentration, track, or emphasis in Chemistry complete 4.7.

Programs with concentration, track, or emphasis in Digital Evidence complete 4.9.

Programs in Crime Scene Investigation complete 4.10.

4.6. Criminalistics

4.6.2. a) Biology: At least two courses, which include the co-requisite laboratory, in biology for science majors (minimum 7 semester hours)

Course ID	Course	7 Semester Hours	Laboratory Required
1			
2			

4.6.2. b) Physics: At least two courses which include co-requisite laboratory in physics for science majors (minimum 7 semester hours)

Course ID	Course	7 Semester Hours	Laboratory Required
1			
2			

4.6.2. c) Chemistry: At least four courses which include co-requisite laboratory. Two courses in general chemistry (minimum 7 semester hours) and two courses in organic chemistry (minimum 7 semester hours)

Course ID	Course	14 Semester Hours	Laboratory Required
1			
2			
3			
4			

4.6.2. d) Mathematics: One course in differential and integral calculus (minimum 3 semester hours) and one course in statistics (minimum 3 semester hours)

Course ID	Course	6 Semester Hours	Laboratory Required
1			
2.			

4.6.3. Specialized Science Courses

A minimum of 15 additional semester hours in more advanced coursework in chemistry or biology.

Courses shall be consistent with the degree program and meet the needs of students specializing in sub-disciplines of forensic science. Introductory level courses shall not be used to fulfill this requirement. At least two courses shall be semester-long, or equivalent, laboratory courses (minimum 7 semester hours)

Course ID	Course	15 Semester Hours	Laboratory Required
1			
2			
3			
4			

4.6.4. c) Forensic Science Courses

A minimum of six additional semester hours in advanced, upper level forensic science courses that provide greater depth in forensic science. Course shall include semester-long, or equivalent, accompanying laboratory component. Courses designed for the forensic science program that predominantly cover forensic-specific topics.

	Course ID	Course	6 Semester Hours	Laboratory Required
1				
2				

4.7. Biology

4.7.2. a) Biology: At least two courses, which include the co-requisite laboratory, in biology for science majors (minimum 7 semester hours))

Course ID	Course	7 Semester Hours	Laboratory Required
1			
2			

4.7.2. b) Physics: At least two courses which include co-requisite laboratory in physics for science majors (minimum 7 semester hours)

Course ID	Course	7 Semester Hours	Laboratory Required
1			
2			

4.7.2. c) Chemistry: At least four courses which include co-requisite laboratory. Two courses in general chemistry (minimum 7 semester hours) and two courses in organic chemistry (minimum 7 semester hours)

Course ID	Course	14 Semester Hours	Laboratory Required
1			
2			
3			
4			

4.7.2. d) Mathematics: At least one course in differential and integral calculus (minimum 3 semester hours) and at least one course in statistics (minimum 3 semester hours)

Course ID	Course	6 Semester Hours	Laboratory Required
1			
2			

4.7.3. Specialized Science Courses

A minimum of 15 additional house in more advanced coursework in chemistry or biology. These courses shall meet current FBI QA requirements. Introductory level courses may not be used to fulfill this requirement. At least two classes shall include a semester-long, or equivalent, laboratory component (minimum 7 hours)

Course ID	Course	15 Semester Hours	Laboratory Required
1			
2			
3			
4			

4.7.4. Forensic Science Capstone Experience

A minimum of six additional semester hours in advanced, upper level forensic science courses that provide greater depth in forensic science. Courses shall include a semester long laboratory component. Courses designed for the forensic science program that predominantly cover forensic-specific topics.

Course ID	Course	6 Semester Hours	Laboratory Required
1			
2			

4.8. Chemistry

4.8.2. a) Biology: At least two courses which include a semester-long, or equivalent, laboratory component for biology forensic science majors. (minimum 7 semester hours)

Course ID	Course	7 Semester Hours	Laboratory Required
1			
2			

4.8.2. b) Physics: At least two courses which include a semester-long, or equivalent, laboratory in physics for science majors (minimum 7 semester hours)

Course ID	Course	7 Semester Hours	Laboratory Required
1			
2			

4.8.2. c) Chemistry: At least four courses which include semester-long, or equivalent, laboratory. Two courses in general chemistry (minimum 7 semester hours) and two courses in organic chemistry (minimum 7 semester hours)

Course ID	Course	14 Semester Hours	Laboratory Required
1			
2			
3			
4			

4.8.2. d) Mathematics: At least one course in differential and integral calculus (minimum 3 semester hours) and at least one course in statistics (minimum 3 semester hours)

Course ID	Course	6 Semester Hours	Laboratory Required
1			
2			

4.8.3. Specialized Science Courses

A minimum of 15 additional house in more advanced coursework in chemistry or biology. These classes shall be consistent with the degree program and meet the needs of students specializing in chemistry sub-disciplines of forensic science. Introductory level courses may not be used to fulfill this requirement. At least two classes shall include laboratory training (minimum 7 hours)

Course ID	Course	15 Semester Hours	Laboratory Required
1			
2			
3			
4			

4.8.4. Forensic Science Courses

A minimum of six additional semester hours in advanced, upper-level forensic science courses that provide greater depth in forensic science. Courses shall include a semester long laboratory component. Courses designed for the forensic science program that predominantly cover forensic-specific topics.

Course ID	Course	6 Semester Hours	Laboratory Required
1			
2			

4.9. Digital Evidence

4.9.2. a) Mathematics: At least two courses that include any combination of the following 3 semester hours courses:

1. Business Calculus
2. Calculus I
3. Calculus II
4. Business Statistics
5. Statistics I
6. Statistics II
7. Discrete Mathematics

Course ID	Course	6 Semester Hours	Laboratory Required
1			
2			

4.9.2. b) Sciences: at least two courses that include co-requisite laboratory from the following list (minimum 7 semester hours):

1. A Physical Science
2. General Chemistry I
3. General Biology I

Course ID	Course	7 Semester Hours	Laboratory Required
1			
2			

4.9.3. Computer Science/Information Systems Courses

A minimum of 12 semester hours which include the following courses and topics:

4.9.3. a) At least one 3-semester hour course in computer programs (examples of acceptable languages include Java, Python, C+, Ruby, etc.).

Course ID	Course	3 Semester Hours	Laboratory Required
1			
2			

4.9.3. b) At least six semester hours in courses that cover the following topics:

1. Computer organization and structure
2. File systems and operating systems
3. Computer networking
4. Information assurance/network security
5. Data structure/database design
6. Web or mobile application design and development
7. Hardware structure

Course ID	Course	6 Semester Hours	Laboratory Required
1			
2.			

4.9.4. Specialized Digital Forensic Science Courses

A minimum of 6 additional semester hours in digital forensic science course work that covers the following topics:

1. Acquisition of data
2. Network / "live" forensic analysis
3. Exploitation of mobile devices
4. Legal/digital evidence interface (e.g., search warrant)

Course ID	Course	6 Semester Hours	Laboratory Required
1			
2			

4.10. Crime Scene Investigation

4.10.2. Natural Science Courses

4.10.2. a) Mathematics: At least one 3 semester hours course in statistics.

Course ID	Course	3 Semester Hours	Laboratory Required
1			

4.10.2. b) Sciences: At least two courses which include laboratory from the following (minimum 7 semester hours):

- Physical Science
- General Chemistry
- General Biology

Course ID	Course	7 Semester Hours	Laboratory Required
1			
2			

4.10.3. Crime Scene Courses

A minimum of 9 semester hours of coursework shall include the following topics: NOTE: multiple courses may be used for each topic.

TOPIC	Course #	Course Title	9 Semester Hours Total	Lab
a		Crime scene interface w/ forensic disciplines		
b		Legal/crime scene interface (e.g., search warrants)		
c		History and theory		
d		Crime scene investigation literature		
e		Nature and properties of evidence types		
f		Latent prints / Pattern evidence		
g		Bloodstain pattern analysis		
h		Crime Scene Safety		
i		Crime scene search		
j		Crime scene equipment		
k		Crime scene interpretation		
l		Crime scene documentation		
m		Crime scene evidence		

4.10.4. Specialized Crime Scene Courses

A minimum of 15 additional semester hours in advanced, upper-level forensic science courses in forensic applications of crime scene investigation. At least 3 courses shall include accompanying laboratory components or significant hands-on experience

Course ID	Course	7 Semester Hours	Laboratory Required
1			
2			
3			
4			

Part 4: Notification

In addition to the Program Director listed on page one of this application, the following individuals will be copied on correspondence and FEPAC decisions related to this program:

Name	Title	Email

Part 5: Authorization to Apply for Accreditation

The applicant institution's Chief Executive Officer or Authorized/Designated Administrator authorizes the forensic science program's application for accreditation by the Forensic Science Educational Programs Accreditation Commission (FEPAC).

Name: _____
Institution's Chief Executive Officer or Authorized/Designated Administrator

Title: _____

Signature: _____ Date: _____
e-signature is acceptable

An application fee of \$1,500 is required with the submission of the Institutional Application Packet (FEPAC Form 5.1). Both are due to the AAFS Office on or before March 1. Checks may be made payable to the American Academy of Forensic Sciences. Credit card payment (Visa, MasterCard, American Express) is also acceptable. If paying with a credit card, please Heather Jefferson provide appropriate information and send to hjefferson@aafs.org.

If FEPAC determines that the institution is eligible for accreditation, an additional fee of \$2,000 is required with the submission of the Self-Study Report.



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