



AMERICAN ACADEMY OF FORENSIC SCIENCES

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FEPAC Form 5.1.1
Revised 07/10/2019

Forensic Science Education Programs Accreditation Commission (FEPAC)

Application for Forensic Science Accreditation - Undergraduate

University/College: _____
City, State: _____

Institution Type: Private: Public:

Part 1: Forensic Science Program Information

Program Name: _____
Bachelor Degree: _____
Concentrations: _____

**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: _____

Part 2: Director and Faculty – (Applicable to Undergraduate & Graduate Programs)

List the names, degrees (level and discipline), and titles of the Program Director and all faculty who teach forensic science courses in the program. Do not list faculty who teach general education courses required by the institution or program. For each person listed, attach a curriculum vita (CV).

Name	Degree	Title	Full/Part Time
Sue Jones	PhD, Chemistry	Director	Full Time
Sam Smith	PhD, Biology	Associate Professor	Full Time

4.1b Forensic Science Courses

The following Forensic Courses must be covered in the curriculum:

Forensic Science Survey Coursework – All tracks shall have at least three semester hours for a survey of forensic science class designed to ensure students are exposed to the full breadth of forensic science disciplines in a full-service crime laboratory.

Course ID	Course title	Semester Credit Hours	Laboratory Required

Forensic Science Coursework – Each track shall have at least six semester hours in forensic science coursework that introduce students to methods, instrumentation, and concepts associated with professional practice of forensic science. At least three of the six hours must contain laboratory training.

Course ID	Course title	Semester Credit Hours	Laboratory Required

NOTE: Courses that fulfill this total nine semester hour requirement can be used to cover the topics listed in Standard 4.1a. However, these same courses may not be used to fulfill any of the 4.2 Specific Emphasis Track Curricular Requirements.

4.1c Forensic Science Capstone Experience

A minimum of three semester hours is required that should result 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 title	Semester Credit Hours	Laboratory Required

4.2. SPECIFIC EMPHASIS TRACKS CURRICULAR REQUIREMENTS

Programs with no concentrations or tracks complete **4.2.1 Criminalistics**.

Programs with concentration, track, or emphasis in Biology complete **4.2.2 Biology**.

Programs with concentration, track, or emphasis in Chemistry complete **4.2.3 Chemistry**.

Programs with concentration, track, or emphasis in Digital Evidence complete **4.2.4 Digital Evidence**.

A program with more than one concentration should complete all sections that are appropriate.

4.2.1 CRIMINALISTICS (Programs with no concentrations, tracks, or specializations)

4.2.1a Natural Science Courses

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

Course ID	Course title	Semester Credit Hours	Laboratory Required
1			
2			

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

Course ID	Course title	Semester Credit Hours	Laboratory Required
1			
2			

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

Course ID	Course title	Semester Credit Hours	Laboratory Required
1			
2			
3			
4			

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 title	Semester Credit Hours	Laboratory Required

4.2.1b Specialized Science Courses

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

Course ID	Course title	Semester Credit Hours	Laboratory Required

4.2.1c Forensic Science Courses

A minimum of six additional semester hours in advanced, upper level forensic science courses that provide greater depth in forensic science beyond an introductory level are required. The courses shall include laboratory training.

Course ID	Course title	Semester Credit Hours	Laboratory Required

4.2.2 BIOLOGY (Programs with a specific concentration, track, or emphasis in Forensic Biology)

4.2.2a Natural Science Courses

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

Course ID	Course title	Semester Credit Hours	Laboratory Required
1			
2			

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

Course ID	Course title	Semester Credit Hours	Laboratory Required
1			
2			

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

Course ID	Course title	Semester Credit Hours	Laboratory Required
1			
2			
3			
4			

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 title	Semester Credit Hours	Laboratory Required

4.2.2b Specialized Science Courses

A minimum of 15 additional semester hours in more advanced coursework in chemistry or biology that provide greater depth or breadth and are consistent with the biology concentration specialization. Introductory level courses may not be used to fulfill this requirement. At least two courses shall include laboratory training (minimum 7 hours)

Course ID	Course title	Semester Credit Hours	Laboratory Required

4.2.2c Forensic Science Courses

A minimum of six additional semester hours in advanced, upper level forensic science courses that provide greater depth in forensic applications of biology beyond an introductory level are required. The courses shall include laboratory training.

Course ID	Course title	Semester Credit Hours	Laboratory Required

4.2.3 CHEMISTRY (Programs with a specific concentration, track, or emphasis in Forensic Chemistry)

4.2.3a Natural Science Courses

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

Course ID	Course title	Semester Credit Hours	Laboratory Required
1			
2			

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

Course ID	Course title	Semester Credit Hours	Laboratory Required
1			
2			

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

Course ID	Course title	Semester Credit Hours	Laboratory Required
1			
2			
3			
4			

Mathematics: At least one course in differential and integral calculus (minimum three semester hours) and at least one course in statistics (minimum three semester hours)

Course ID	Course title	Semester Credit Hours	Laboratory Required
			<input type="checkbox"/>

4.2.3b Specialized Science Courses

A minimum of 15 additional semester hours in more advanced coursework in chemistry or biology. These courses shall be consistent with the degree program and shall 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 of the courses shall include laboratory training (minimum 7 hours)

Course ID	Course title	Semester Credit Hours	Laboratory Required

4.2.3c Forensic Science Courses

A minimum of six additional semester hours in advanced, upper level forensic science courses that provide greater depth in forensic applications of chemistry beyond an introductory level are required. The courses shall include laboratory training.

Course ID	Course title	Semester Credit Hours	Laboratory Required

4.2.4 DIGITAL EVIDENCE (Programs with a specific concentration, track, or emphasis in Digital Forensics)

4.2.4a Natural Science Courses

Mathematics: At least two courses that include any combination of the following 3 semester hour courses:

- **Business Calculus**
- **Calculus I**
- **Calculus II**
- **Business Statistics**
- **Statistics I**
- **Statistics II**

	Course ID	Course title	Semester Credit Hours	Laboratory Required
1				
2				

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

- **Physics I**
- **Physics II**
- **General Chemistry I**
- **General Chemistry II**
- **Biology I**
- **Biology II**

	Course ID	Course title	Semester Credit Hours	Laboratory Required
1				
2				

4.2.4b Computer Science/Information Systems Courses

A minimum of 12 semester hours, which include the following combined courses and topics in #1 and #2 below:

1. At least one 3-semester hour course in computer programming

Course ID	Course title	Semester Credit Hours

2. At least six semester hours in courses that cover the following topics:

- **Computer organization and structure**
- **File systems and operating systems**
- **Computer networking**
- **Information assurance/network security**
- **Data structure/database design**
- **Web or mobile application design and development**
- **Microelectric circuits**

Provide course ID, title, and semester credit hours in the left three columns, and check the box or boxes for the topics covered in the courses listed. A course may cover more than one topic.

Course ID	Course title	Semester Credit Hours	Computer org and structure	File and operating systems	Computer networking	Info assurance Network security	Data structure Database design	Web or mobile application	Micro Electric circuits

4.2.4c Specialized Digital Forensic Science Courses

A minimum of six additional semester hours is required in digital forensic science coursework that covers the following topics:

- Acquisition of data
- Network / “live” forensic analysis
- Exploitation of mobile devices

Provide course ID, title, and semester credit hours in the left three columns, and check the box or boxes for the topics covered in the courses listed. A course may cover more than one topic.

Course ID	Course title	Semester Credit Hours	Acquisition of data	Network or Live Forensic Analysis	Exploitation of Mobile Devices

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 6: 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 5.1.1). 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 provide appropriate information and send to njackson@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.

