Forensic Science is the application of science to criminal and civil laws, focusing primarily on the criminal side, during an investigation. Forensic scientists collect, preserve, and analyze scientific evidence throughout an investigation.

Forensic Science majors at Pitt-Bradford take courses in Criminal Justice, Chemistry, Biology, and Physics. Students will also have an opportunity to learn and apply criminal forensic techniques to investigate “crime scenes” in the Crime Scene Investigation (CSI) House as well as examine evidence in the university’s crime lab.

**Required Skills:**
- Communication
- Detail-Oriented
- Ethics
- Critical Thinking
- Inquisitive
- Problem Solving Techniques
- Analytical and Quantitative Skills
- Proficiency in Written Communication
- Use of Logic and Reasoning

**Possible Employers:**
- State/Federal Government
- Police Departments
- Private Businesses
- Morgues
- Crime Labs
- Coroner’s Office
- Law Offices
- Pharmaceutical Industries
- Hospitals

**PROFESSIONAL ORGANIZATIONS:**
- American Academy of Forensic Sciences
- American Board of Criminalistics
- Forensics Specialties Accreditation Board
- National Criminal Justice Association
- National Crime Prevention Council

**FIND OUT MORE ABOUT CAREERS IN FORENSIC SCIENCE AT:**
- Criminal Justice Profiles
- USAJOBS
- Occupational Outlook Handbook

**Website Links:**
- www.aafs.org
- www.criminalistics.com
- www.thefsab.org
- www.ncja.org
- www.napc.org
- www.criminaljusticeprofiles.org
- www.USAJOBS.gov
- www.bls.gov/ooh
Forensic Science (BA) – Curriculum Guide

Student Name:                    Advisor:

GENERAL EDUCATION REQUIREMENTS

COMPETENCIES
(Minimum grade of C- required in all competencies)
☐ FS 0102 Freshman Seminar
(if transferring in fewer than 18 credits)

Writing
☐ ENG 0101 English Composition I
☐ ENG 0102 English Composition II

Mathematics
☐ MATH 0098 College Algebra II or Higher (see major)

THE HUMAN EXPERIENCE
☐ Students are required to complete two courses designated
as “Global”

ARTS & LETTERS (9 credit hours, three courses; ONE course
MUST be literature; ONE course MUST be a creative, fine or
performing Arts course)
 Literature
 Arts
 Literature, Arts, Language

BEHAVIORAL, ECONOMIC, & POLITICAL SCIENCES
(9 credit hours, 3 courses, two different categories must be
represented))
☐ (see major)
☐ (see major)

HISTORY, CULTURES, & PHILOSOPHICAL INQUIRY
(9 credit hours, 3 courses, ONE course MUST be History, and ONE
course must be Cultures or Philosophical Inquiry)
☐ HIST

PHYSICAL, LIFE, & COMPUTATIONAL SCIENCES
(9 credit hours, 3 courses, ONE course must be a Physical
Science, ONE must be a Life Science and ONE science
course must include a lab)
☐ Physical Science
☐ Life Science
☐ (see major)
☐ Science Lab

PHYSICAL EDUCATION
(1 credit hour, 1 course)
☐ PEDC

REQUIRED MAJOR COURSES
☐ ADMJ 0101 Introduction to Criminal Justice GE
☐ ADMJ 0230 Introduction to Forensic Science
☐ ADMJ 1330 Criminal Forensics I
☐ ADMJ 1331 Criminal Forensics I Lab
☐ ADMJ 1325 Criminal Evidence and Investigations
☐ ADMJ 1430 Criminal Forensics II
☐ ADMJ 1431 Criminal Forensics II Lab
☐ BIOL 0101 Introduction to Cell and Molecular Biology
☐ BIOL 0203 Genetics
☐ CHEM 0101 General Chemistry I
☐ CHEM 0102 General Chemistry II
☐ CHEM 0206 Organic Chemistry I
☐ CHEM 0207 Organic Chemistry I Lab
☐ CHEM 0208 Organic Chemistry II
☐ CHEM 0209 Organic Chemistry II Lab
☐ CHEM 1306 Biochemistry
☐ MATH 0140 Calculus I
☐ PHYS 0101 Introduction to Physics I
☐ PHYS 0102 Introduction to Physics II OR
☐ PHYS 0201 Foundations of Physics I
☐ PHYS 0202 Foundations of Physics II
☐ PHYS 0203 Foundations of Physics I Lab
☐ PHYS 0204 Foundations of Physics II Lab

FORENSIC SCIENCE AREA REQUIREMENTS:
Biology Concentration
☐ BIOL 0212 Human Anatomy and Physiology I
☐ BIOL 0213 Human Anatomy and Physiology II
☐ BIOL 0222 Human Anatomy and Physiology I Lab
☐ BIOL 0223 Human Anatomy and Physiology II Lab
☐ BIOL 1320 Cell Biology or BIOL 1402 Molecular Biology
☐ BIOL 1451 Capstone: Biology
☐ Upper Level Biology Elective

Chemistry Concentration
☐ CHEM 0201 Introduction to Analytical Chemistry
☐ CHEM 1304 Organic Analysis
☐ CHEM 1305 Analytical Instrumentation
☐ CHEM 1451 Capstone: Chemistry
☐ Upper Level Chemistry Elective

*MATH 0098 does not meet the mathematics competency at the Pittsburgh
campus.

According to your Degree Progress Report in MY.PITT.EDU upon successful completion of the current term:
You will have EARNED _______ credit hours. You NEED _______ for 120 credit hours required for graduation.
You will have earned _______ credit hours of Upper Level course work. You NEED _______ for the 30 credit hours
required for graduation.

NOTE: This guide is unofficial. Completing the requirements on this sheet does NOT guarantee degree completion.
Official degree completion information can be found in MY.PITT.EDU. Contact your Faculty Advisor and/or the
Registrar’s Office with questions or concerns.