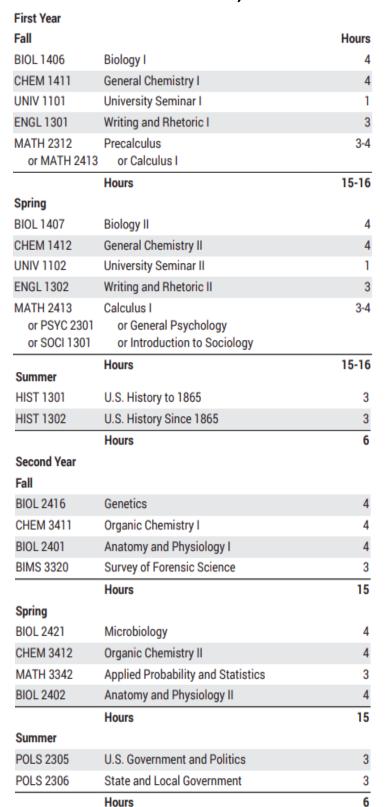
ACADEMIC MAP

Forensic Science

Biomedical Sciences, Bachelor of Science





ce		
Third Year		
Fall		
PHYS 1401	General Physics I	4
or PHYS 2425	or University Physics I	
CHEM 4401	Biochemistry I	4
Creative Arts Core Requirement		3
engl 2316 or ENGL 2332 or ENGL 2333	Literature and Culture or Literature of the Western World: From the Classics to the Renaissance or Literature of the Western World: From the Enlightenment to the Present	3
BIMS Forensic Science Elective		3
	Hours	17
Spring		
PHYS 1402 or PHYS 2426	General Physics II or University Physics II	4
CHEM 4402	Biochemistry II	4
CHEM 3418	Instrumental Analysis	4
BIMS 3325 or BIMS 4340	Professional Practice in Forensic Science or Forensic Science in Criminal Law	3
	Hours	15
Summer		
BIMS 4327	Introduction to Toxicology	3
	Hours	3
Fourth Year		
Fall		
BIMS 4410 or BIOL 3410	Histology or Cell Biology	4
ENGL 3301	Technical and Professional Writing	3
BIMS Forensic Science Elective		3
BIMS Forensic Science Elective		4
	Hours	14
	Total Hours	121-123



CAREER MAP

Biomedical Sciences Forensic Science

Bachelor of Science



This interdisciplinary option allows students to prepare for careers in forensic science (including entrance into graduate programs in forensic science and related areas). Prospective students should be aware that employers in forensic science typically require employees to meet personal suitability requirements (e.g., honesty, integrity, and scientific objectivity). Background checks and drug tests like those required for law enforcement officers are likely to be a condition of employment. The Biomedical Sciences Program prepares students for biomedical career opportunities including health services, research, forensic science, genetic engineering, biotechnology, bioinformatics, product sales, and services dealing with analysis, assessment, and inspection. A few biomedical careers are available to a student with a baccalaureate degree, but most will require the student to complete post-baccalaureate course work or to earn a graduate degree.

CONTACT INFORMATION

Career Counselor:

Career and Professional Development Center UC 304 | 361.825.2628 career.center@tamucc.edu

Internship Coordinator:

Gregory Buck TH 309D | 361.825.3717 gregory.buck@tamucc.edu

Department Contact:

Department of Life Sciences TH 309D | 361.825.3717 gregory.buck@tamucc.edu

SKILLS/ATTRIBUTES

- Critical Evaluation of Literature
- Ability to Follow Protocols and Methodologies
- Collection and Analysis of Complex Data
- Understand Research Regulations in Biomedical Sciences
- Working Knowledge of Biological Sub-Discipline

STUDENT ORGANIZATIONS

- Alpha Epsilon Delta
- American Medical Student Association
- Coastal Bend Health Professionals Initiative
- Health Sciences Association
- Women in Healthcare
- SACNAS Chapter at TAMU-CC
- Pre-Dental Society

ADDITIONAL SOURCES OF INFORMATION

- 1. American Academy of Forensic Sciences
- 2.American Society of Clinical Laboratory Science-Careers in Forensics
- 3. National Association of Medical Examiners
- 4. American Institute of Biological Sciences
- 5. Association of Molecular Pathology
- 6. American Society of Microbiology
- 7. American Society of Cell Biology

ADDITIONAL PROGRAM REQUIREMENTS

After their sophomore year (60 semester hours), students must have (and maintain) a cumulative GPA of 2.50 or above in their course work, with no course work older than 5 years. No "D" or "F" grades will be accepted as credit within the biomedical sciences core or option courses. Students may take a maximum of 9 SCH as BIMS 4590 courses. A minimum cumulative gradepoint average of 2.50 ("C") on a 4-point scale (4.0 = A) in all work taken and a minimum grade-point average of 2.50 in all courses in the major field of study taken at this University are required. The courses in the major field of study are defined for each major and can be found on the pages for that major. For teacher certification, grade point average requirements are higher. Refer to "Teacher Certification Programs" in the College of Science and Engineering.

CAREER OPTIONS

- Forensic Scientist
- Crime Scene Investigator
- Forensic Laboratory Technician
- Forensic Anthropologist
- Forensic Toxicologist
- DNA Analyst
- Forensic Entomologist
- Professional School (Med school, dental school, pharmacy school, optometry, veterinarian school, chiropractic school, etc.)
- Researcher