

- BIOL 2401 Human Anatomy and Physiology (26.0706.51 03)** 4.3.4  
A study of the structure and function of the organ systems of the human body. Particular emphasis will be placed on physiology. Lab required. Fee charged. Core Curriculum satisfied for Natural Lab Sciences.
- BIOL 2402 Human Anatomy and Physiology (26.0706.51 03)** 4.3.4  
Continuation of Biology 2401. A study of the structure and functions of the organ systems of the human body. Particular emphasis will be placed on physiology. Lab required. Fee charged. Core Curriculum satisfied for Natural Lab Sciences. Prerequisite: BIOL 2401 or consent of instructor.
- BIOL 2420 Microbiology (26.0501.51 03)** 4.3.4  
Study of morphology, physiology, and taxonomy of representative groups of pathogenic and nonpathogenic microorganisms. Emphasis is placed on the role of microbes in relation to human disease and the immune system. Study will include the immunologic, pathologic, and epidemiological factors associated with diseases. Lab required. Fee charged. Prerequisite: eight hours of biology or chemistry, or consent of the instructor.
- BIOL 2428 Comparative Vertebrate Anatomy (26.0701.53 03)** 4.3.4  
An anatomical study of the vertebrates with major emphasis on the comparison of their organ systems. Vertebrate relationships, origins and adaptations. Representative forms in the laboratory. Fee charged. Prerequisites: two semesters of biology.

## Biomedical Science

### 2+2 Articulation with Texas A&M University

Biomedical Science is the broad field of applied biology related to health and disease. Biomedical Science baccalaureate graduates are primed to enter such professional schools as human medicine, veterinary medicine, dentistry, osteopathy, podiatry, optometry, pharmacy and law, just to name a few, or careers in laboratory and research science. You may also choose a career as a biomedical scientist and continue into graduate study in this field.

Paris Junior College has been selected as one of a handful of two-year institutions to enter into a 2+2 articulation agreement with Texas A&M University in College Station to provide a seamless transition from Paris Junior College into the Biomedical Science program located in the College of Veterinary Medicine at Texas A&M University.

This agreement serves to facilitate the admission and academic transfer of students from Paris Junior College to the Biomedical Science Program (BIMS) in A&M's College of Veterinary Medicine. As students progress successfully toward the completion of the Associate of Science degree at Paris Junior College, this agreement will ensure the seamless transition of students into the BIMS program, according to the provisions and conditions below.

Paris Junior College students who complete the outlined degree plan as full-time students will be admitted to the BIMS program automatically, provided:

- » They meet all other general admission requirements (i.e., transcripts, applications, time lines, deadline dates, etc.) for general admission to Texas A&M University.
- » Students must have maintained no less than a cumulative 3.60 GPA in the courses taken at Paris Junior College and be eligible for graduation from Paris Junior College.
- » Students must not have made any grade below an A or B in all of their Common Body of Knowledge (CBK - Core Courses) science and math course work.

Please keep in mind:

- » CBK science and math courses should be taken at PJC. This is a very strict program and must be followed.
- » High school students should take as many science and math courses as possible, including advanced level courses. But remember that your math and science courses for this program are to be taken at PJC. You may also take advanced placement math and science courses in high school, and if you can score a passing grade on the advanced placement exam you will receive credit for the course.
- » At PJC your math courses will begin with Math 2413, Analytical Geometry and Calculus I, so prepare yourself by taking your school's advanced math course work through calculus, if offered. Trigonometry would be very beneficial. The only dual-credit mathematics courses recommended are Math 2413 and 2414.

Suggested course of study (67 Credit Hours):

Freshman Year - First Semester	Freshman Year - Second Semester
PSYC 1100 or EDUC 1100 ENGL 1301 BIOL 1406 HIST 1301 MATH 2413 CHEM 1411	BIOL 1407 ENGL 1302 HIST 1302 CHEM 1412 MATH 2414
Sophomore Year - First Semester	Sophomore Year - Second Semester
GOVT 2305 CHEM 2423 Social Science Elective PHYS 1401 Humanities Elective	GOVT 2306 CHEM 2425 ARTS Elective (3 Credit Hours) PHYS 1402

Course descriptions can be found under listings for the pertinent disciplines.