Additional Upper-Level Biology Requirement

In addition to Human Anatomy, Physiology, Microbiology, and Biochemistry, the PA program requires a minimum of 6 additional credits of upper-level biology coursework. These courses should have a focus on mammalian biology. The following lists include courses which the PA program will allow to fulfill our ‘additional upper-level biology’ requirement, and which courses will not fulfill our requirement. Applicants may use two courses from the same area of study to fulfill the additional upper-level biology courses requirement.  This list is not exhaustive. Please contact the program if you have any questions regarding this requirement: 732-235-4445.

Approved ‘Other Upper Biology’ Courses:

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| --- | --- |
| **Approved** | **Not Approved** |
| Bacteriology | Bioethics |
| Biomedical Science *(BIMS)* | Biodiversity |
| Biomolecules *(Biochemistry)* | Biomechanics |
| Bio-organic Chemistry *(Organic Chemistry)* | Botany |
| Biophysics | Ecology |
| Cancer Biology | Evolutionary Biology |
| Cellular Physiology | Herpetology |
| Developmental Biology | Medical Terminology |
| Embryology | Nutrition |
| Endocrinology | Psychobiology (unless it is a biology or neurobiology course) |
| Entomology | Physiological Psychology |
| Environmental Chemistry (evaluated case-by-case) | Plant Biology |
| Epidemiology | Zoology (unless it is invertebrate/vertebrate zoology) |
| Eukaryotics |  |
| Forensic Biology |  |
| Genomics |  |
| Hematology |  |
| Histology |  |
| Infectious Disease |  |
| Kinesiology |  |
| Marine Biology (evaluated case-by-case) |  |
| Medical Chemistry *(Inorganic Chemistry)* |  |
| Medical Mycology |  |
| Metabolism *(Biochemistry)* |  |
| Micro-Organisms |  |
| Molecular Biotechnology |  |
| Neuromechanisms |  |
| Parasitology |  |
| Pathology |  |
| Pathophysiology |  |
| Pharmaceutical Chemistry *(Inorganic Chemistry)* |  |
| Phlebotomy |  |
| Physical Chemistry *(Inorganic Chemistry)* |  |
| Physiological Chemistry *(Biochemistry)* |  |
| Prokaryote Physiology |  |
| Psychobiology (if it is a biology or neurobiology course) |  |
| Research in Biology |  |
| Structure and Bonds *(Organic Chemistry)* |  |
| Structure and Reaction *(Organic Chemistry)* |  |
| Toxicology |  |
| Virology |  |