

Year 1 – Block 3

Body Systems 1

Course Description and Goals:

This block of the first year curriculum covers the basic physiology, biochemistry, embryology and histology of the cardiovascular, pulmonary, gastrointestinal and renal systems. Faculty from the Departments of Biochemistry, Anatomy and Cellular Biology, and Physiology teach in this block. By the end of the block, students will be able to demonstrate knowledge of:

1. the fundamental facts and concepts necessary to understand the microscopic structure, embryological development, and function of the cardiovascular system, the pulmonary system, the gastrointestinal system, and the kidneys.
2. the basic understanding of organ structure, development, and function necessary to successfully complete the remaining requirements of the preclinical curriculum.

Information will be presented in lecture format, as well as in small group learning environments - conferences, laboratories, and workshops. In addition, the students will be provided the opportunity to use computer-based animations, simulations, lectures, and problem sets to learn additional basic information, as well as to supplement the information presented in lecture and/or small group sessions. Where appropriate, the principles of structure, development, and function will be highlighted using clinically based examples.

Block Co-Directors:

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Evaluation of Student Performance and Examination Policies:

Grading Policies: Students' grades will be determined from the weighted average of the scores on the two examinations and the quiz average as follows: Examination # 1 (35%), Examination #2 (45%), Quizzes (20%). Examinations will be objective, multiple choice-type questions.

Based on medical school policy, 70% is a passing grade for the course. Honors is given to the top 12+/-4%; High Pass to the next 20+/-5%.

Disability accommodation:

Any student needing an accommodation must contact Dr. Sterling at (215) 707-4613 to discuss the specific situation. Temple University Disability Resources and Services can be contacted at (215) 204-1280.