

Course Update  
Effective Spring 2016

This new course was approved by the College of Biosciences (COB) Curriculum Committee on 11/05/2015, to be offered in the Spring 2016 semester. The grade mode was changed retroactively through a COB Curriculum Committee consent agenda item on 02/04/2016; from P/F to A-F effective Spring 2016 semester.

## **BIOS 523: Anatomical Imaging & Diagnosis**

Provides graduate students with a clinically and scientifically relevant background in presently available methods for medical imaging and diagnostics. Imaging modalities will include plain radiography, computed tomography, magnetic resonance imaging, fluoroscopy and ultrasonography. Students will become acquainted with the function of the modalities as well as the best mode to choose for given anatomical regions and cases. The course will move through the relevant anatomy in much the same way as a human anatomy course after the initial foundation concerning the science behind the different modalities is laid. Prerequisite: Permission of the instructor.

*3 semester credits*