

PhD Minor in Cardiovascular Sciences

A minimum of 12 credit hours outside the student's major department; that would include:

<i>Required Courses</i>	<i>Credits</i>
G735 Cardiovascular, Renal & Respiratory Function in Health & Disease	2
G830 Advanced Cardiovascular Physiology	3
G831 Concepts & Controversies in Cardiovascular Science	2

<i>Remaining Credits from the following</i>	<i>Credits</i>
G74X Fundamentals of Neuroscience I, II, and/or III	1-3
G747 Principles of Pharmacology	1
G825 Advanced Topics in Molecular Biology	2
G848 Bioinformatic Applications to Proteomics and Genomics	2
G805 Diabetes and Obesity	2
F592 Intro to Biomolecular Imaging	3
G667 Tools and Techniques in Translational Research	3
K535 Physiologic Basis of Human Performance	3
G708 Cardiac & Coronary Physiology of Exercise	1
G712 In vivo Microcirculatory Physiology	1
G713 Angiogenesis	1
G714 Development of the Vascular System	1
G703 Physiology of the Coronary Circulation	1
G765 Cell Physiology of Epithelial Cells	1
G704 Physiological Proteomics	1
G706 Designer Mice – Transgenes and Knockout Animals	1
G707 Physiology of Smooth Muscle	1
G761 Molecular & Cellular Physiology of Ion Transport	1
G762 Renal Physiology	1
G782 Physiology & Pathophysiology of Lipid Rafts	1

The minor program will be approved by the student's advisory committee which will take into consideration the student's total didactic experience. The advisory committee may approve additional and/or substitution of appropriate courses to complete the degree requirements. The minor representative on this Committee will be selected from outside the student's major department.