BIOMEDICAL RESEARCH - CERTIFICATE

The Biomedical Research Certificate will provide students the opportunity to gain advanced training in biomedical research.

Students in the certificate program will gain a broader understanding of the creation, evaluation and dissemination of new knowledge while performing publishable original biomedical research within a research-intensive community. The Biomedical Research Certificate program includes engagement in inquiry-based research.

Program Requirements

Code	Title	Semester Credit Hours
VTPP 123	Foundations of Physiology	3
VTPP 444	Practicum in Biomedical Research	3
VTPP 491	Research [1]	6
Prescribed Elective Courses		6
Select one of the following:		
VTPP 207 & VTPP 208	Methodologies of Physiology Education Research and Analysis and Evaluation of Physiology Education	
VTPP 223 & VTPP 224	Design of Experiments for Physiology Research and In Vitro Experimentation in Physiology Research	
VTPP 234 & VTPP 235	Design of Models for Physiology Research and Analysis and Validation of Models for Physiology Research	
Total Semester Credit Hours		**18**

[1] Two (three hour) courses are required for 6 hours total.