PHYSIOLOGY: BIOINFORMATICS (PH.D.)

Offered by: Physiology (Faculty of Medicine and Health Sciences)
Degree: Doctor of Philosophy

Program Description

** This program is currently not offered. **

Note: For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

Thesis

A thesis for the doctoral degree must constitute original scholarship and must be a distinct contribution to knowledge. It must show familiarity with previous work in the field and must demonstrate ability to plan and carry out research, organize results, and defend the approach and conclusions in a scholarly manner. The research presented must meet current standards of the discipline; as well, the thesis must clearly demonstrate how the research advances knowledge in the field. Finally, the thesis must be written in compliance with norms for academic and scholarly expression and for publication in the public domain.

Required Courses (11 credits)

Expand allContract all

Course	Title	Credits
COMP 616D1	Bioinformatics Seminar.	1.5
COMP 616D2	Bioinformatics Seminar.	1.5
PHGY 604	Responsible Conduct in Research.	0
PHGY 701	Ph.D. Comprehensive Examination.	0
PHGY 703	Ph.D. Progress Seminar 1.	1
PHGY 704	Ph.D. Progress Seminar 2.	1
PHGY 720	Ph.D. Seminar Course 1.	1
PHGY 721	Ph.D. Seminar Course 2.	1
PHGY 722	Ph.D. Seminar Course 3.	1
PHGY 723	Ph.D. Seminar Course 4.	1
PHGY 724	Ph.D. Seminar Course 5.	1
PHGY 725	Ph.D. Seminar Course 6.	1

Complementary Courses (6 credits)

6 credits to be chosen from the following courses:

Expand allContract all

Course	Title	Credits
BINF 621	Bioinformatics: Molecular Biology.	3
BMDE 652	Bioinformatics: Proteomics.	3
BTEC 555	Structural Bioinformatics.	3
COMP 618	Bioinformatics: Functional Genomics.	3