

PHYSIOLOGY, MS

Degree: Master of Science (MS)

Field of Study: Physiology

Program Overview

The Department of Physiology and Biophysics encourages research staff members to expand their critical research knowledge and skills by enrolling in our Master of Science in Physiology program. This Tech Master's Program is specifically designed for staff working full time. Each employer has their own policy on allowing staff to take classes and enroll in graduate programs.

Graduate Policies

For graduate policies and procedures, please review the School of Graduate Studies section of the General Bulletin.

Program Requirements

Code	Title	Credit Hours
Required Courses:		
PHOL 498A	Physiology and Biophysics Departmental Seminar	1
IBMS 453	Cell Biology I	3
IBMS 455	Molecular Biology I	3
PHOL 401A	Physiology and Biophysics of Molecules and Cells	2
PHOL 401B	Physiology and Biophysics of Molecules and Cells	2
PHOL 498B	Physiology Seminar B (Spring Semester)	1
PHOL 651	Thesis M.S.	15
<i>Choose one of the following:</i>		1
IBMS 456A	Since You Were Born: Nobel Prize Biomedical Research in the Last 21 Years- Section A	
IBMS 456B	Since You Were Born: Nobel Prize Biomedical Research in the Last 21 Years- Section B	
IBMS 456C	Since You Were Born: Nobel Prize Biomedical Research in the Last 21 Years- Section C	
IBMS 456D	Since You Were Born: Nobel Prize Biomedical Research in the Last 21 Years- Section D	
Elective Course		3
Total Credit Hours		31

Sample Plan of Study

Thesis Option

First Year

Fall		Credit Hours
PHOL 498A	Physiology and Biophysics Departmental Seminar	1
IBMS 453	Cell Biology I	3
IBMS 455	Molecular Biology I	3
Select one of the following:		1

IBMS 456A	Since You Were Born: Nobel Prize Biomedical Research in the Last 21 Years- Section A	
IBMS 456B	Since You Were Born: Nobel Prize Biomedical Research in the Last 21 Years- Section B	
IBMS 456C	Since You Were Born: Nobel Prize Biomedical Research in the Last 21 Years- Section C	
IBMS 456D	Since You Were Born: Nobel Prize Biomedical Research in the Last 21 Years- Section D	
Credit Hours		8
Spring		
Elective		3
PHOL 401A	Physiology and Biophysics of Molecules and Cells	2
PHOL 401B	Physiology and Biophysics of Molecules and Cells	2
PHOL 498B	Physiology Seminar B (Spring Semester)	1
Credit Hours		8
Summer		
PHOL 651	Thesis M.S.	3
Credit Hours		3
Second Year		
Fall		
PHOL 651	Thesis M.S.	6
Credit Hours		6
Spring		
PHOL 651	Thesis M.S.	6
Credit Hours		6
Total Credit Hours		31