

Doctor of Philosophy in Biomedical Sciences (PhD) Curriculum

FIRST YEAR	Semester I		
	Code	Course Title	Credits
	BSG 774	Practical Approach to Molecular Biology	2
	BCH 615	Biochemistry and Medical Genetics	4
	BSG 773	English Scientific Writing	3
	BSG 610	Introduction to Biomedical Research	1
	BSG 775	Seminar	1
	BSG 671	Laboratory Rotation	2
	TOTAL		13
	Semester II		
PHY 703	Physiology	4	
MIC 601	Microbiology	4	
BSG 611	Advanced Topics in Biomedical Research	3	
BSG 672	Laboratory Rotation	2	
TOTAL		13	
Summer I			
ANA 615	Histology and Cell Biology	4	
TOTAL		4	

SECOND YEAR	Semester I		
	Code	Course Title	Credits
	PHA 793	Pharmacology	4
	BSG 776	Proposal Writing	3
	BSG 675	Ethics	2
	DEP 676	Laboratory Research	2
	TOTAL		11
	Semester II		
	BSG 645	Biostatistics	3
	DEP 677	Laboratory Research	2
BSG 775	Seminar	1	
	Qualifying Exam		
TOTAL		6	
Summer II			
	Proposal Defense (or by October 15 th)		

THIRD YEAR	Semester I		
	Code	Course Title	Credits
	DEP 798	Introduction to Thesis Research	2
		Special/Advanced Topics & Electives*	2
	DEP 771	Teaching Practicum	2
	IHD 976	Inter Professional Perspectives in Health Disparities	1
	TOTAL		7
	Semester II		
	DEP 799	Thesis Research	3
		Special/Advanced Topics & Electives*	2
BSG 775	Seminar	1	
TOTAL		6	

FOURTH YEAR	Semester I		
	Code	Course Title	Credits
	DEP 799	Thesis Research	3
	TOTAL		3
	Semester II		
	DEP 799	Thesis Research	3
BSG 775	Seminar	1	
TOTAL		4	

FIFTH YEAR	Semester I		
	Code	Course Title	Credits
	DEP 799	Thesis Research	3
	TOTAL		3
	Semester II		
		Dissertation	
Total Credits		70	

*Subject to student's needs