

**Ph.D. BIOTECHNOLOGY CURRICULUM**

	Fall Semester				Spring Semester				Summer Semester		
	Course	Course Title	Hrs.		Course	Course Title	Hrs.		Course	Course Title	Hrs.
YEAR 1	GBS 701	Core Concepts in Research	1	BT 702	Cellular & Molecular Biology	3	BTR 605	Biotech Regulatory & Quality Systems	3		
	BT 701	Cellular & Molecular Biology	3	BT 745	Research Design & Statistics for Biotechnology - move to Year 2	3	BT 752	Lab Rotation III	1		
	BT 740	Seminar/Journal Club	1	BT 751	Lab Rotation II	1	BT 795	Commercialization Strategy	3		
	BT 750	Lab Rotation I	1	BT 795	Commercialization Strategy	3	BT 798	Non-Dissertation Research	3		
	BT 795	Commercialization Strategy	3								
		<i>Total Semester Credits:</i>		9		<i>Total Semester Credits:</i>		10		<i>Total Semester Credits:</i>	
YEAR 2	GBS 716	Grantsmanship & Scientific Writing	3	BT 732	Financing a Biotechnology Venture	3		Comprehensive Exams			
	GRD 717	Principles of Scientific Integrity	3	BT 740	Seminar/Journal Club	1	BT 675	Special Topics	2		
	BT 725	Creating a Biotechnology Venture	3	BT 753	Advanced Applications in Biotechnology - mov	3	BT 740	Seminar/Journal Club	1		
				ELEC	Elective (Certificate or Plan)	3	BT 798	Non-Dissertation Research	3		
							BT 730	Managing & Leadership in Biotechnology	3		
		<i>Total Semester Credits:</i>		9		<i>Total Semester Credits:</i>		10		<i>Total Semester Credits:</i>	
YEAR 3		Comprehensive Exams		BT 799	Dissertation Research	9	BT 799	Dissertation Research	9		
	BT 798	Non-Dissertation Research	3								
	ELEC	Elective (Certificate or Plan)	3								
	ELEC	Elective (Certificate or Plan)	3								
		<b>Admit to Candidacy</b>						<b>Defend Dissertation/Project</b>			
	<i>Total Semester Credits:</i>		9		<i>Total Semester Credits:</i>		9		<i>Total Semester Credits:</i>		9
YEAR 4	BT 799*	Dissertation Research	0	BT 799*	Dissertation Research	0	BT 799*	Dissertation Research	0		
		<b>*Additional if needed to complete</b>									
	<i>Total Semester Credits:</i>		0		<i>Total Semester Credits:</i>		0		<i>Total Semester Credits:</i>		0
							<b>Total Degree Credits:</b>		84		