

GRADUATE SCHOOL of ARTS & SCIENCES

Translational Biotechnology MS Curriculum Requirements (40 credits)

Year One (Research Pathway)					
Teur One (Research Fantway)					
Fall (8 hours coursework; 3 hours research)	Spring (8 hours coursework; 3 hours research)	Summer (2 hours coursework; 1-9 hours research/externship)			
Required Courses	Required Courses	Required Courses			
TBIO 711 (3) Intro to Business Fundamentals	TBIO 702 (3) Introduction to Translational Medicine	TBIO 721 (2) Regenerative Medicine Immersion: Fundamental Principles and Clinical Applications			
TBIO 731 (1) FDA Case Studies	TBIO 732 (1) Biotechnology Seminar				
OR	OR	TBIO 703 (1-9) Internship			
TBIO 785 (1) Regenerative Medicine Journal Club	TBIO 786 (1) Regenerative Medicine Journal Club	TBIO 797 (1-9) Research			
TBIO 631 (3) Introduction to Regenerative	TBIO 753 (3) Advanced Topics in Regenerative Medicine	Present Proposed Thesis Project to			
Medicine	GRAD 714 (1) Scientific Integrity and Professionalism	Committee			
GRAD 713 (1) Foundations of Scientific Integrity and Professionalism	TBIO 798 (1-9) Research				
TBIO 797 (1-9) Research	Recommended Courses/Electives				
Recommended Courses/Electives	GRAD 716 (1) Seminars in Professional Development				
GRAD 715 (1) Career Planning in the Biomedical Sciences	IPP 702 (1-3) Systems Physiology and Pharmacology				
IPP 701 (3) Principles of Pharmacology					
Declare Thesis or Capstone MS	Submit Capstone Project Plan				
Declare Research Mentor					
Year Two	<u> </u>				

Fall (4 hours coursework; 3 hours research)	Spring (4 hours coursework; 3 hours research)	Summer (If not completed in Summer Year 1)	
Required Courses	Required Courses		
TBIO 731 (1) FDA Case Studies	TBIO 732 (1) Biotechnology Seminar	MMTS 721 (2) Regenerative Medicine Immersion: Fundamental Principles and Clinical Applications	
OR	OR		
TBIO 785 (1) Regenerative Medicine Journal Club	TBIO 786 (1) Regenerative Medicine Journal Club		
TBIO 797 (1-9) Research	TBIO 753 (3) Advanced Topics in Regenerative Medicine		
Elective (3)	TBIO 798 (1-9) Research		
	Elective (3)		
Recommended Courses/Electives	Recommended Courses/Electives		
IPP 741 (3) Quantitative Methods Bioscience	TBIO 704 (3) Introduction to cGMP		
Elective (3)	Practices		
	Elective (3)		
Admission to Candidacy	Thesis Defense OR Capstone Presentation		