



University of Maryland University College Graduate School of Management & Technology

Master of Science in Biotechnology Studies

(For students who started their program prior to fall 2007)

Please fill in the study plan, indicating course as completed.

Student Name _____ Empl id _____ Date _____

KEY:

- Courses highlighted in **bold blue** indicate core courses included in the fall 2007 curriculum for the Master of Science in biotechnology (5 core courses needed).
- Courses highlighted in *italicized green* indicate specialization courses included in the fall 2007 curriculum for the biosecurity and biodefense specialization (7 specialization courses needed).
- Additional courses may be needed to complete the fall 2007 curriculum. See: See the catalog for more information.

If Following Curriculum Prior to Fall 2007				
Prior to Fall 2007		Fall 2007 Course # and Title		
Required core courses				
Course #	Course Title	Course #	Course Title	Semester Completed
BIOT 640	Societal Issues in Biotechnology(3)	BIOT 640	Societal Issues in Biotechnology (3)	
BIOT 610	Introduction to Bioinformatics (3)	BIOT 630	Introduction to Bioinformatics(3)	
BIOT 641	Commercializing Biotechnology in Early-Stage Ventures (3)	<i>BTMN 632</i>	Commercializing Biotechnology in Early-Stage Ventures (3)	
BIOT 642	Selection and Evaluation of Biotechnology Projects (3)	BTMN 634	Selection and Evaluation of Biotechnology Projects (3)	
BIOT 643	Techniques of Biotechnology (3)	BIOT 643	Techniques of	

			Biotechnology (3)	
BIOT 644	Biotechnology and the Regulatory Environment (3)	BTMN 636	Biotechnology and the Regulatory Environment (3)	
BIOT 645	The Business of Biotechnology (3)	BIOT 645	The Business of Biotechnology (3)	
And four of the following:				
BIOT 601	Molecular Biology for Business Managers (3)	BIOT 601	Molecular Biology for Business Managers (3)	
BIOT 681	Bioterrorism and Biosecurity (3)	BSBD 641	Bioterrorism and Biosecurity (3)	
BIOT 682	Biotechnology Practicum (3)	NA		
BIOT 683	Advanced Biosecurity & Bioterrorism(3)	BSBD 642	Advanced Biosecurity & Bioterrorism(3)	
TMAN 610	Financial Management for Technology Managers (3)	TMAN 625	Economics and Financial Analysis for Technology Managers (3)	
TMAN 611	Principles of Technology Management (3)	TMAN 611	Principles of Technology Management (3)	
TMAN 612	Financial Management for Technology Managers (3)	TMAN 625	Economics and Financial Analysis for Technology Manager (3)	
TMAN 614	Strategic Management of Technology and Innovation (3)	TMAN 614	Strategic Management of Technology and Innovation (3)	
TMAN 632	Organizational Performance	TMAN 632	Organizational	

	Management (3)		Performance Management	
TMAN 633	Managing People in Technology-Based Organizations (3)	TMAN 633	Managing People in Technology-Based Organizations (3)	
TMAN 640	Program and Project Management (3)	PMAN 634	Program and Project Management (3)	
TMAN 661	System Development and Management (3)	NA		
COMM 600	Advanced Writing for Graduate Students (3)	COMM 600	Advanced Writing for Graduate Students (3)	
<u>Capstone: You must complete 27 hours of graduate coursework before enrolling in the capstone course.</u>				
BIOT 671	Capstone in Biotechnology Studies	BTMN 670	Capstone in Biotechnology management	

NOTE: For the **MS in biotechnology – biosecurity and biodefense specialization** fall 2007 curriculum, the following specialization courses are needed in addition to those highlighted above:

		BSBD 640	Agents of Bioterrorism	
		HSMN 610	Concepts of Homeland Security	
		HSMN 630	Business Continuity: Disaster Recovery, Planning, and Response	