

MS Biotechnology

Modalities (based on how Lab-based courses are offered)

- **Hybrid Format** = Students complete lecture based portions online; Labs are in-person and are scheduled for the end of the semester [for 2.5 days/lab-based course]; Ideal for working professionals looking to advance their career without pausing it.
- **In-person Traditional Format** = Students complete lectures; Labs are in-person every week throughout the semester

M.S. BIOTECHNOLOGY - ACCELERATED ONE YEAR TRACK - SAMPLE SCHEDULE

Year 1*								
Fall			Spring			Summer		
Code	Name	Credits	Code	Name	Credits	Code	Name	Credits
BIO631G	Mammalian Cell Culture	3	BIO648G	Microbial Fermentation	3	BIO675G	Capstone	3
BIO655G	Biopharmaceutical Microbiology	3	PSC620G	Downstream Processing of Biopharmaceuticals	3		Experiential Learning	0
ETH610G	Ethics in Research	1	PSC625G	Clinical Biochemistry	3			
MAT610G	Statistical Inference and Modeling	3	PSC648G	Regulatory Science	3			
PSC610G	Technical Writing for Biopharmaceutical Industry	2		Elective*	3			
	Elective*	3						
	Total	15		Total	15	Total		3

* Start Date – Fall or Spring
Lab-based courses

M.S. BIOTECHNOLOGY - CUSTOMIZABLE TRACK - SAMPLE SCHEDULE

Year 1*^								
Fall			Spring			Summer		
Code	Name	Credits	Code	Name	Credits	Code	Name	Credits
BIO631G	Mammalian Cell Culture	3	BIO648G	Microbial Fermentation	3			
ETH610G	Ethics in Research	1	PSC625G	Clinical Biochemistry	3			
PSC610G	Technical Writing for Biopharmaceutical Industry	2						

Year 2^								
Fall			Spring			Summer		
Code	Name	Credits	Code	Name	Credits	Code	Name	Credits
BIO655G	Biopharmaceutical Microbiology	3	PSC620G	Downstream Processing of Biopharmaceuticals	3	BIO675G	Capstone	3
MAT610G	Statistical Inference and Modeling	3	PSC648G	Regulatory Science	3		Experiential Learning	0
	Elective*			Elective*	3			

Year 3^								
Fall			Spring			Summer		
TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

* Start Date – Fall or Spring
Lab-based courses
^ Students register for 1 credit - 15 credits per academic semester

Questions?

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