

Master of Science Biostatistics Curriculum



Course Number	Course Title	Credits	Required or Elective	Semester Offered
MS Biostatistics Core Courses: 18 credit hours		<i>ALL semester course offerings are subject to change</i>		
BE 7024	Computational Statistics	3	Required	Spring
BE 7088	Regression Analysis	3	Required	Spring
BE 7089	Experimental Design	3	Required	Fall
BE 8029	Biostatistics Seminar (2 semesters)	2	Required	Fall/Spring
GNTD 7003	Ethics in Research	1	Required	Spring
STAT 6021	Mathematical Statistics I	3	Required	Fall
STAT 6022	Mathematical Statistics II	3	Required	Spring
Biostatistics Credits: 3 credit hours			Required	
Select one course from the list below				
BE 7026	General Linear Models	3		Spring 2021
BE 7090C	Applied Survival Analysis	3		TBD
BE 7091	Applied Multivariate Analysis	3		TBD
Biomedical Credits: 3 credit hours			Required	
Select a minimum of 3 credit hours from the list below				
BE 7076	Introduction to Epidemiology	2		Fall/Spring
CB 8080	Cancer Biology & Therapeutics	4		Spring
GNTD 7001	Molecular and Cellular Biology	1-4		Fall
GNTD 8001C	Introduction to Functional Genomics	3		Fall
MCP 6031C	Computational Systems Biology	2		Spring
TOX 7082	Survey of Toxicology	2		Fall 2020
Research Credits: 2 credit hours - Research Pre-Approval Form & Advisor Meeting Required for Permission to Enroll				
ENV 7091	Master's Thesis Research	2	Required	Fall/Spring/Summer
Free Electives: ≥ 4 credit hours - Select remaining credits from Course Catalog List (fill-in with advisor)				
			Elective	
			Elective	
			Elective	
			Elective	
			Elective	
			Elective	
Total Credits		30		

- 3.0 GPA (B average) or higher required for graduation.
- All required courses must be completed with a B- or higher.
- "I" (Incomplete) or "NG" (Not Graded) grades must be removed from academic record prior to applying for graduation.
- Students must take a minimum of one graduate credit that contributes to degree requirements per academic year (fall-summer) to maintain active status.
- All requirements for the master's degree must be completed within five consecutive academic years of the date of matriculation into the program.
- Students are expected to meet with their advisor at least once a semester to discuss their academic progress.
- Electives must be determined with a consultation from your advisor.