

Master of Science in Biostatistics and Data Science (MSBDS) Curriculum At-A-Glance

Course	Semester*	Credit Hours	Total Semester Credits
Statistical Computing with SAS	SU1	2	7
Biostatistics I	SU1	3	
R for Data Science	SU1	2	
Introduction to Bioinformatics	FL1	3	12
Biostatistics II	FL1	3	
Fundamentals of Genetic Epidemiology	FL1	3	
Biomedical Informatics I: Foundations	FL1	3	
Study Design and Clinical Trials	SP1	3	11
Survival Analysis	SP1	3	
Biomedical Informatics II: Methods	SP1	3	
Ethics for Biostatistics	SP1	2	
Internship or Mentored Research I	SU2	3	3
Internship or Mentored Research II	FL2	3	9
Biomedical Data Mining	FL2	3	
Elective (from an approved list)	FL2	3	
TOTAL CREDITS		42	42

***FL1 – Python weekly lectures (required) – 0 credit hours
(content under preparation)**