Office of Academic Affairs

3501 Lee Hall
P.O. Box BQ
Mississippi State, MS 39762

The following academic programs are housed in the Office of Academic Affairs:

- Geospatial and Remote Sensing Minor (Starkville Campus)
- Master's Program in Physician Assistant Studies (Meridian Campus)
- Master of Science in Computational Biology (Starkville Campus)
- Doctor of Philosophy in Computational Biology (Starkville Campus)
- Computational Biology Minor (Starkville Campus)
- Master of Science in Data Science (Starkville and Online)
- Data Science Minor (Starkville Campus)

Complete information on each program is found in this section of the Graduate Catalog.

Department	Degree and Major	Concentration	Thesis	Non-Thesis	Starkville	Meridian	Distance
Academic Affairs	Minor in Remote Sensing				X		
Academic Affairs	Minor in Data Science				X		
Academic Affairs	Minor in Computational Biology				X		
Academic Affairs	Master of Physician Assistant Studies			X		X	
Academic Affairs	Master of Science - Computational Biology		X		X		
Academic Affairs	Master of Science - Data Science			X	X		X
Academic Affairs	Doctor of Philosophy - Computational Biology				X		

Master of Science in Data Science

The interdisciplinary Master of Science in Data Science degree program will provide students with a broad training in managing, processing, and extracting value from a giant and diverse data sets and allow them to communicate their findings. The program will prepare students for professional employment in industry, government, and NGOs and at the same time obtain sufficient skills to continue into more advanced degree programs. Admission to the Master's program in Data Science is open to graduates from all disciplines with a strong quantitative background and computational skills. The program of study is a blend of statistical and optimization methodology laced with data management and computational skills, and it provides graduate students with the opportunity to participate in data analytics projects. For more information, please contact either Dr. Rahimi (rahimi@cse.msstate.edu) (rahimi@cse.msstate.edu) or Dr. Razzaghi (razzaghi@math.msstate.edu). (razzaghi@math.msstate.edu)

This program offers four concentrations for students to choose from:

- General
- Manufacturing Analytics
- Geospatial Science
- Agricultural Autonomy

CSE 8423	Data Science Concepts and Practice	3
ST 8123	Statistical Thinking: Probability Models and Theory of Statistics	3

ST 8133	Statistical Modeling	3
CSE 6503	Database Management Systems	3
CSE 8080	Directed Project in Computer Science	1-3
General Electives		
Students will complete 15 hours in approved Data Science electives. Up to 6 hours Directed Individual Studies may count towards the degree.		15
Total Hours		30