

## PLAN OF STUDY

EASTERN CONNECTICUT STATE UNIVERSITY

MASTER OF SCIENCE DEGREE in APPLIED DATA SCIENCE

### STUDENT INFORMATION

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Last	First	Middle
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Eastern email

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Eastern ID

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Phone (H)	Phone (W)	Phone (M)
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Alternate email

### TRANSFER CREDITS\*

Are you requesting to transfer credits from other institutions for any Data Science courses?

Yes (specify) \_\_\_\_\_

No

*\*Maximum of 6 credits can be transferred (use the Request for Transfer Credits form) and will be applied only after at least 9 credits have been earned at Eastern.*

### PROGRAM REQUIREMENTS

A college level statistics course is a prerequisite to the program. Student admitted to the program who don't have a record of a college level statistics course must complete one in consultation with the program director. Programming experience is recommended but not required.

Complete a total of 30 credits by taking the 7 core courses and the remaining coursework is taken as a combination of electives and a practicum with an industry partner. Students must maintain a GPA of a 3.00 to remain in and graduate from the program.

Required Courses for Master of Science Degree in Applied Data Science			
DSC 501	Introduction to Data Science	3 credits	
DSC 502	Python for Data Science	3 credits	
DSC 503	Applied Statistical Methods for Data Science	3 credits	
DSC 504	Communication with Data	3 credits	
DSC 505	Databases and Big Deal Data Systems	3 credits	
DSC 506	Applied Machine Learning	3 credits	
DSC 507	Data Visualization	3 credits	

**Students must take two special topics courses (DSC 508) and one Practicum (DSC 509) or one special topics course and two Practicums. DSC 508 may be taken more than once on different topics and DSC 509 may be taken twice.**

Required Culminating Experience			
DSC 508	Special Topics in Data Science	9 Credits	
DCS 509	Data Science Practicum		

**NOTES**

By signing this Plan of Study form, I recognize that I have 6 years to complete the program from the date of my first credit applied to the program (including transfer courses). I further understand that this is not a contract; I may change my plans at any time and the University may also be unable to offer courses in the sequence I desire.

**APPROVED BY**

Student	Date
Advisor	Date
Dean	Date

cc: Advisor, Student  
Rev. 7/2023 (DSC)