

# CERTIFICATE IN ADVANCED DATA SCIENCE

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## 15 semester credit hours

*Available to degree-seeking and non-degree seeking students.*

This certificate is designed for both students and working professionals who intend to elevate their knowledge and skill-set regarding data science processes and their application. This certificate is an extension of the established Data Science Certificate and consists of learning modules in data science crafted to meet the needs of students, employers, and community partners. Topics include data mining, data science computing, and programming in Python and R.

## Course of Study

The following courses are required for an Certificate in Advanced Data Science:

Code	Title	Hours
PH 1975L	Introduction to Data Science	3
PH 1976L	Fundamentals of Data Analytics and Predictions	3
PH 1977L	Data Science Computing	3
PH 1978L	Machine Learning in Practice	3
Select 3 credits of electives		3
<b>Total Hours</b>		<b>15</b>

For more information, see the Advanced Data Science Certificate planner ([https://web.sph.uth.edu/student-forms/Academic\\_Requirements/Certificate%20Planners/Planner.Certificate.Advanced\\_Data\\_Science.docx](https://web.sph.uth.edu/student-forms/Academic_Requirements/Certificate%20Planners/Planner.Certificate.Advanced_Data_Science.docx)).