

DOCTORAL DEGREE REQUIREMENTS

General policies for all University of Oklahoma doctoral programs are available in the [Graduate College Bulletin](#).

DOCTOR of Philosophy

D272, D273 (online)

MAJOR: Data Science and Analytics

Program effective **Fall 2021**

COURSEWORK REQUIREMENTS

A minimum of 45 credit hours of coursework and a maximum of 45 credit hours of dissertation research DSA 6980 is required.

A maximum of 6 hours of S/U graded coursework is allowed as part of the 45 credit hours of coursework.

Core Coursework

All students must complete DSA/CS 5013, DSA/CS 5103, DSA/CS 5005, and DSA/CS 4513. One or more of these courses may be substituted with additional electives based on equivalent prior coursework.

<input type="checkbox"/> DSA/ISE 5013 Fundamentals of Engineering Statistical Analysis	3 hours
<input type="checkbox"/> DSA/ISE 5103 Intelligent Data Analytics.....	3 hours
<input type="checkbox"/> DSA/ISE 5113 Advanced Analytics & Metaheuristics	3 hours
<input type="checkbox"/> DSA/CS 5005 Computing Structures	5 hours
<input type="checkbox"/> DSA/CS 4413 Algorithm Analysis.....	3 hours
<input type="checkbox"/> DSA/CS 4513 Database Management Systems.....	3 hours
Total	20 hours

Electives

<input type="checkbox"/> Guided Electives	25 hours
Students are required to complete 25 hours of guided electives. This could be transferred from graduate work and this decision is made by the student's doctoral committee.	

Residence/Transfer Credit

<input type="checkbox"/> Prior graduate work from an accredited university	0-30 hours
A maximum of 30 credit hours of coursework can be transferred from prior graduate work and this decision is made by the students doctoral committee.	

Dissertation Research

<input type="checkbox"/> DSA 6980 Research for Doctoral Dissertation.....	2-45 hours
<input type="checkbox"/> TOTAL.....	90 hours