

**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 **Summer 2022**

**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**

With approval of the graduate liaison, other graduate-level coursework may substitute for core courses on the basis of undergraduate, graduate, or professional background.

<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
<b>Total .....</b>	<b>20 hours</b>

**Electives**

<input type="checkbox"/> Guided Electives .....	<b>25 hours</b>
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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 .....	<b>0-30 hours</b>
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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.....	<b>2-45 hours</b>
<input type="checkbox"/> <b>TOTAL .....</b>	<b>90 hours</b>