REQUIREMENTS FOR THE GRADUATE CERTIFICATE
GALLOGLY COLLEGE OF ENGINEERING
THE UNIVERSITY OF OKLAHOMA

Academic Year	General Requirements		Program
For Students Entering the Oklahoma State System for Higher Education **Summer 2025 through Spring 2026**	Minimum Total Hours	**15**	**Data Science and Analytics** **G302, G303 (Online)** Graduate Certificate

Minimum Total Hours: 15

Program Code: G302, G303 (Online)

The Graduate Certificate in Data Science and Analytics provides a mechanism for full-time working students to pursue expertise in this rapidly growing discipline. Through a certificate, they will build their data science and analytics skill set to enhance their current position or to allow them to seek new positions in the field. A total of 15 hours is required for the certificate.

Certificate Requirements

Code	Title	Credit Hours
At least 6 hours from the core courses listed below:		6
DSA/C S 5005	Computing Structures	
DSA/C S 4513	Database Management Systems [1]	
DSA/C S 4413	Algorithm Analysis [1]	
DSA/ISE 5013	Fundamentals of Engineering Statistical Analysis	
DSA/ISE 5103	Intelligent Data Analytics	
DSA/ISE 5113	Advanced Analytics and Metaheuristics	
7-9 hours chosen from a set of elective courses approved by the graduate liaison		7-9
Total Credit Hours		**15**

[1] 4000-level courses must be taken at the graduate/G level in order to apply to completion of the graduate certificate.

A graduate *certificate* is not a graduate *degree*. A graduate degree represents a program of independent inquiry beyond the depth of coursework alone, while a graduate certificate represents a set of courses only.

- All courses must be taken at OU. No transfer credit will apply.
- No course substitutions are permitted for graduate certificates.
- Coursework applied to a graduate certificate cannot be more than five years old as of the semester the graduate certificate is awarded.
- Students must earn a grade point average of 3.00 or higher on all coursework applied to the graduate certificate.

More information in the catalog: (http://ou-public.courseleaf.com/gallogly-engineering/program-data-science-analytics/data-science-analytics-grad-cert/).