

DATA AND ARTIFICIAL INTELLIGENCE CERTIFICATE (GRADUATE)

Overview

This Graduate Certificate is a 12-credit, four course program in which students will be exposed to data-driven decision making, data analytics, cloud-based data systems and artificial intelligence. This certificate will enable students to learn how to conduct data analysis with practical, real-world examples using cloud-based labs and learning resources that are designed to provide students with hands-on experience working with data at scale. Students will also have the opportunity to earn a relevant professional industry certification in this area during their studies.

Requirements

Course ID	Title	Credits
CPST 6150	Database, Data Analysis, Data Structures	3
CPST 7760	Cloud-based Data Analytics	3
CPST 7770	Cloud-based Machine Learning and Artificial Intelligence	3
CPST 7780	Applied Artificial Intelligence	3
Total Credit Hours		12

Program String and Field of Study: PACER_GR, CYSE

Catalog Addendum Note: This program was added to the catalog in July 2025.

Contact

For more information, contact the School of Professional Advancement (<https://sopa.tulane.edu/degrees-programs/certificates/>).