

# DATA ENGINEERING - CERTIFICATE

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The Certificate in Data Engineering (DAEN) will equip students with fundamental and advanced technical skills for data-driven decision-making. The global information-age we are in today has resulted in an increasing demand for technical skills required for storage and handling of complex data, as well as extracting information and knowledge from data to guide decision-making in business, science, and engineering settings, among others.

For additional information, contact the industrial and systems engineering undergraduate advising office at (979) 845-5531 or [ieundergradadvising@tamu.edu](mailto:ieundergradadvising@tamu.edu).

## Program Requirements

Code	Title	Semester Credit Hours
ISEN 310	Uncertainty Modeling for Industrial Engineering	3
ISEN 311	Introduction to Data Analytics and Engineering	3
ISEN 413	Advanced Data Analytics for Industry	3
ISEN 427/ DAEN 427	Decision and Risk Analysis	3
Total Semester Credit Hours		12

Students must make a grade of C or better in all courses.