

Graduate Certificate Marketable Learning Outcomes

Taxation Certificate

Assess tax-related situations that could result in audit risk.

Develop effective research strategies for solving tax-related problems.

Utilized tax principles to apply tax laws in different industrial settings and types of businesses.

Business Analytics Certificate

Develop understanding of the key technologies in Business Analytics.

- Objective 1. Apply quantitative modeling and data analysis techniques to the solution of real world business problems.
- Objective 2. Communicate findings, and effectively present results using data visualization techniques.

Gain practical, hands-on experience with statistics programming languages and big data tools through coursework and applied research experiences.

- Objective 1. Demonstrate knowledge of statistical data analysis techniques and software packages utilized in business decision making..
- Objective 2. Apply principles of Data Analytics to the analysis of business problems.

Demonstrate ethical principles and practices on data analytic problems.

- Objective 1. Recognize and analyze ethical issues in business related to data security, integrity, and privacy.
- Objective 2. Apply ethical practices in everyday business activities and make well-reasoned ethical business and data management decisions.

Health Informatics Certificate

Develop understanding of the key technologies in Health Informatics.

- Objective 1. Gain skills in data mining and management, understand the process of dealing with large disparate data.
- Objective 2. Be Proficient in using current and relevant programming techniques to analyze high-dimensional data.

Gain practical, hands-on experience with statistics programming languages and big data tools through coursework and applied research experiences.

- Objective 1. Understand analytics related to healthcare information in order to develop and implement sound healthcare decisions.
- Objective 2. Identify and understand the key information requirements for working with, managing and integrating varied healthcare information systems

Understand the nature of the US healthcare system, including the interactions between payers, providers, patients and policy makers.

- Objective 1. Recognize and analyze interactions between payers, providers, patients and policy makers.