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November 7, 2018

TO: Susan Kalter, Chairperson, Academic Senate

FROM: Robert Quinlan Chair, Graduate Curriculum Committee

RE: Executive Summary – Proposal from the Department of Accounting for a New Data Scientist: Business Information Systems in Accounting Graduate Certificate

The Graduate Curriculum Committee approved and is forwarding for Academic Senate review the attached proposal to add a new Data Scientist: Business Information Systems in Accounting Graduate Certificate.

The Department of Accounting provided a clear description and rationale for this certificate:

- This certificate is designed to provide additional credentials for individuals who desire to cross-train into a new field or enhance their skills within their current field. Stackable credentials or modular education continue to grow in importance in Business disciplines around the United States and worldwide.
- The certificate provides training with programming tools designed specifically for data analysis such as Python programming language and R programming language. Data management will be explored including data preparation, data exploration, data representation, data discovery and data cleansing. Finally, the application of data analysis tools to existing big data sets will be performed.
- The target audience for this certificate is existing MBA students and existing or recently graduated BSMPA and MSA accounting students.

The Graduate Curriculum Committee supports the proposal to add the new Data Scientist: Business Information Systems in Accounting Graduate Certificate.

Attachments

jdr