New Program Proposal

Accounting Data Analytics, Graduate Certificate

Program Description

The Graduate Certificate in Accounting Data Analytics is designed for individuals seeking expertise in the fast growing data analytics specialty in CPA Practice and corporate practice. Students will gain experience with data visualization and analytics techniques applied to business settings.

All 12 credit hours taken as part of this certificate transfer to the MBA degree program.

Admission Requirements

Applicants must meet general University of Missouri-St. Louis Graduate School admissions requirements.

Certificate Requirements

All course prerequisites and all course waivers are applicable. Substitute courses may be approved by the appropriate department chairperson and the Director of Graduate Business Programs.

Choose four of the following courses:		12
ACCTNG 5435	Graduate Topics in Auditing	
ACCTNG 5443/INFSYS	Decision Support Systems for Business Intelligence	
ACCTNG 5444/SCMA 6345	Business Analytics and Data Mining	
ACCTNG 4450/SCMA 4350	Prescriptive Analytics and Optimization	

ACCTNG 6460/INFSYS	Data Integration

Total Hours	**12**

Rationale

The program is desirable for three reasons. First, it will create accounting professionals uniquely trained to fulfill increasingly important roles in data analytics at CPA firms, companies, and other organizations. Second, it represents a data analytics track in the Master of Accounting program which constituents including the Association to Advance Collegiate Schools of Business and the Accounting Advisory Board have encouraged. Third, it requires no additional resources as all of the classes utilize excess capacity in existing courses. If this program and series of courses is approved, Master of Accounting students will be able to choose a generalist master's degree curriculum or specialized curricula emphasizing expertise in taxation, auditing, accounting information systems/data security, or accounting data analytics.