

Graduate Catalog Addendum/Errata

Below are listed additions and corrections to the 2014-15 Graduate Studies Catalog since its publication on 08 May 2014. All corrections listed below have been made in the main online catalog sections to which they apply and will appear in the print version of those individual pages. They do not appear, however, in the PDF version of the full catalog.

This page was last updated on 19 February 2015.

Changes by Department/Program:

- Academic Policies/Dual Majors
- Accreditation and Memberships (South Carolina)
- Accreditation and Memberships (North Carolina)
- Accreditation and Memberships (HLC)
- Applied Behavior Analysis (Advanced Graduate Certificate)--NEW
- Business Analytics (Graduate Certificate)--NEW
- Campus Locations and Offerings
- College of Arts & Sciences
- Cybersecurity (Graduate Certificate)--NEW
- Education for Global Sustainability (MA) Program Requirements/Elective Courses
- Education for Global Sustainability (MA) Capstone Course
- ERP with SAP (Graduate Certificate)--NEW
- Global Business (Graduate Certificate)--NEW
- Master of Business Administration (MBA)
- Mobile Technology in Education (Graduate Certificate)--NEW
- Nurse Anesthesia (MS)
- Project Management (Graduate Certificate)--NEW
- Psychoeducational Needs of Immigrant and Refugee Youth (Graduate Certificate) --NEW
- Science Management and Leadership (Graduate Certificate)--NEW
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02 October 2014

Course Descriptions/EFGS

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www.bcba.com
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Learning Outcomes

Successful completers will:

1. Demonstrate a thorough understanding and knowledge of the concepts and principles that underlie applied behavior analysis.
- 2.

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mobile devices in a 1-to-1 classroom, BYOD and lab settings. Devices such as smartphones, iOS Devices, Androids, Chromebooks, and other types of mobile computing devices will be included in the instruction. An integral part of this track is the study of various programming languages.

Both tracks require the following courses:

- EDTC 5460 Curriculum Design Technology Apps (3 hours)
- EDTC 5900 Technology, Ethics and Society (3 hours)
- EDTC 5770 Using Mobile Apps for Learning (3 hours)
- EDTC 5775 Developing Mobile Apps for Learning (3 hours)

The Teacher Track requires these additional courses:

- EDTC 5465 Instructional Design (2 hours)
- EDTC 5032 Assessing Using Technology (2 hours)
- EDTC 5550 Web Authoring and Design I (2 hours)
- EDTC 5555 Web Authoring and Design II (2 hours)

The Technology Coordinator requires these additional courses:

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*This program offered by School of
Education*

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enterprise systems, the components of an enterprise system and the process of implementing enterprise systems to increase the overall success of the organization. The course also emphasizes the strategic role of the enterprise systems in providing a platform for improved business operations and productivity.

BUSN 5300 Project Procurement Management (3)

This course examines the basic theory and practical tools of the procurement process and contract management when the projects are completed using outside resources and contractors. The course will help students understand the procurement process and manage contracts effectively so that the project can be completed successfully.

BUSN 5700 Advances in Project Management (3)

This course examines the advanced theory and tools for implementing projects in organizations and will provide a comprehensive overview of the skills needed and challenges to be faced in managing them. The primary goals of this course in Project Management are to help students understand important concepts and principles in project selection, scheduling, risk and resource management and develop analytical and interpersonal skills that will be useful to them as project managers.

Course Descriptions/EDTC

New courses added:

EDTC 5770 Using Mobile Apps for Learning (3)

Locating, selecting and utilizing mobile applications for educational use are important skills for the digital-age educator. In this course we explore the ways in which smartphone and tablet applications can be used in educational and learning situations. Specific applications for subject area goals as well as administrative uses will be evaluated and utilized. Students will develop lessons and activities based on tablet and smartphone apps with particular reference to Apple iOS and Android.

EDTC 5775 Developing Mobile Apps for Learning (3)

Developing mobile applications is an emergent area in educational settings. The principles, practices and possibilities of app development for improving educational experiences is transformative. In this course we develop mobile applications for use in learning environments. We also examine the ways in which mobile programming environments can be developed for rapid application development. **Prerequisites:** EDTC 5770

Accreditation and Memberships

The first paragraph was modified to remove reference to the North Central Association, which was dissolved in the fall of 2014. The first paragraph now reads:

Webster University is accredited by

The Higher Learning Commission
, 800-621-7440

www.ncahlc.org.

The accreditation, which was awarded in 1925, includes undergraduate and graduate levels at all locations where the University offers programs.

19 February 2015

New Graduate Certificate: Business Analytics

12 Hours

This program offered by Walker School of Business & Technology

Program Description

This certificate is designed for students with either a business or computer science background. It provides an excellent foundation in data analytics within a business context. A knowledge of such skills is critical for all business professionals, regardless of their primary responsibilities, in the 21st century. This certificate can be taken as a stand-alone program, or as one that provides vital complementary skills in other master's level programs such as the MBA.

Learning Outcomes

At the end of the program students will be able to:

- Explain the role of various databases in organizations
- Demonstrate knowledge of and utilize data warehouses
- Apply statistical, data analytic, and data mining techniques for solving problems involving big data
- Develop meaningful reports and presentations of data analytics appropriate to a technical and non-technical audience

Program Curriculum

- CSIS 5300 Database Systems (3 hours)
- BUSN 5760 Applied Business Statistics (3 hours)
- CSIS 5320 Data Analytics Foundations (3 hours)
- CSIS 5420 Data Mining (3 hours)

All courses must be taken at Webster University

Admission

Students who are interested in applying to this certificate program should see the Admission Section of this catalog for general requirements.

Send all admission materials to:

Office of Admissions

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New Graduate Certificate: Cybersecurity-Threat Detection

12 Hours

This program offered by Walker School of Business & Technology

Program Description

This certificate focuses on the knowledge and tools necessary to address the increasing demand on corporate and governmental organizations to improve the security of their "cyber content." Courses in the certificate provide an understanding of the foundation of current cybersecurity threats, the phraseology and terminology used in the sector, as well as the various roles, responsibilities and tools related to detection of cyber threats.

Program Curriculum

- CSSS 5000 Introduction to

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- INTB 5000 Introduction to International Business (3 hours)
- MNGT 5710 Cross Cultural Management (3 hours)
or MRKT 5980 International Marketing (3 hours)
- BUSN 5220 Global Supply Chain (3 hours)
or INTB 5600 International Accounting (3 hours)
or FINC 5840 International Finance (3 hours)
- INTB 5680 Globalization (3 hours)
or INTB 9950 Travel Course (3 hours)

Admission

Students who are interested in applying to this certificate program should see the Admission Section of this catalog for general requirements.

Send all admission materials to:

Office of Admissions
Webster University
470 E. Lockwood Ave.
St. Louis, MO 63119

Course Descriptions/CSIS

New courses added:

CSIS 5300 Database Systems (3)

This course will provide a foundation for understanding organization database technology by examining the way databases are used, designed and managed. The course will introduce fundamental concepts related to operational and data warehouse databases. The course will also cover the principles of extracting required data using QBE technique. Students use industry-standard software Oracle®

to improve their database query proficiency. **Prerequisite:** Basic knowledge of computer and information technology.

CSIS 5320 Data Analytics Foundations (3)

This course provides an introduction to the field of analytics, which has been defined as the extensive use of data, descriptive, prescriptive, and predictive models, and fact-based management to drive decisions and actions. The development and use of the organization's data to support business analytics is discussed. The application of selected data analytics techniques to business decision-making situations is illustrated. Students use industry-standard software including MS Excel®, Tableau®, SAP Business Explorer®, SAP BusinessObject Analysis®, and Lumira® to improve their

data analysis proficiency. **Prerequisite:** BUSN 5760.

CSIS 5330 Business Intelligence and ERP (3)

The objective of this course is to demonstrate the concepts of Business Intelligence through hands on exercises. Concepts taught are: Introduction to big data, online analytical processing (OLAP), multidimensional modeling, the databases' role in business intelligence (BI), and extract, transform, and load (ETL) technology. There is a significant technology component to this class. Students will interact with a real business enterprise resource planning (ERP) system's operational and data warehouse. Hands-on exercises will be conducted on an ERP system such as SAP ERP R/3. **Prerequisites:** BUSN 6130, BUSN 5760.

CSIS 5420 Data Mining (3)

This course will explore some data mining methods with a primary focus on model building and testing, as well as on interpreting and validating results. Model building is both an art and a science that is best understood from the perspective of learning by doing and this course will supplement the text with exercises with a data mining tool that will enable the student to experimentally build and test data mining models. **Prerequisite:** CSIS 5320.