

# 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
- Secondary Education (MAT)
- Social Science Education (MA)
- Special Education (MA)
- Tiered Instruction and Interventions: RTI and PBIS (Graduate Certificate)--NEW

## Course Descriptions

- BUSN 5100 (new)
- BUSN 5250 (new)
- BUSN 5300 (new)
- BUSN 5700 (new)
- BUSN 6200
- CSIS 5300 (new)
- CSIS 5320 (new)
- CSIS 5330 (new)
- CSIS 5420 (new)
- EDTC 5770 (new)
- EDTC 5775 (new)
- EFGS 6001
- SPED 5900 (new)
- SPED 5901 (new)
- SPED 5902 (new)

## Changes by Date:

### 20 June 2014

#### Academic Policies/Dual Majors

The second bullet in this section should read:

- The dual major should be declared before the student has completed six (6) credit hours of coursework to avoid duplication of coursework or the need to take additional classes. Students must meet with their academic advisor to declare the dual major and complete a new program plan.

## Campus Locations and Offerings

The list of offerings was corrected for the following campuses:

- Peterson AFB, CO
- Melbourne/Palm Bay, FL
- Merritt Island/Space Coast, FL
- North Orlando, FL
- South Orlando, FL
- Old Post Office, Downtown St. Louis, MO
- MCAS New River, NC
- Geneva, Switzerland

## Education for Global Sustainability (MA)

Under **Program Requirements/Elective Choices**, the correct course number for Motivation in the 21st Century Classroom is EPSY 5980

## Nurse Anesthesia (MS)

Under **Program Curriculum**, the total number of required hours should read: 88 hours

## 15 August 2014

### Course Descriptions/BUSN

The following sentence was added to the course description of **BUSN 6200 Strategy and Competition**:

This course requires a Capsim Simulation Lab fee of \$100.

### Master of Business Administration (MBA)

The following section was added:

#### Walker Joint MBA Program

For any undergraduate degree student at Webster University who is considering the Master of Business Administration degree, the Walker Joint MBA enables completion of the MBA in a shorter amount of time.

#### How it works

Webster undergraduate students are permitted to take up to 6 hours of graduate credit toward their BS or BA degrees. For students considering the MBA, they should take the following two courses during their senior year at Webster:

- MRKT 5000 Marketing
- MNGT 5590 Organizational Behavior

These courses will be counted as 6 hours of elective credit toward the BS or BA degree, and also will complete the requirement for those two courses within the MBA degree program. With the completion of these two courses, students will need only 30 hours of graduate coursework to complete the MBA, excluding any necessary pre-requisite coursework, if applicable.\*

For further information, please contact Academic Advising, or the MBA Director.

\*PLEASE NOTE: Non-Business majors (BSBA, BA Economics, BS Finance, BS Accounting) and non-BA in Management majors are also encouraged to use undergraduate elective credit during sophomore, junior, or senior years, to take MNGT 2100, ACCT 2010, ACCT 2025, ECON 2020, and ECON 2030 to fulfill the necessary pre-requisite courses for the MBA. Otherwise, any non-applicable majors applying to the MBA will also be required to complete BUSN 5000, BUSN 5600 (Accounting), and BUSN 5620 (Economics) prior to starting the MBA, or to pass qualifying waiver exams for those courses.

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## 02 October 2014

### Course Descriptions/EFGS

The following course was added:

#### EFGS 6001 Practical Applications: EFGS (3)

In this course students develop a culminating project or action plan that demonstrates understanding of relevant professional standards in their master's degree program of study. Cross referencing their previous work in the program, candidates reflect on academic, professional and personal development in their areas of emphasis or specialization. **Prerequisite:** completion of 27 hours of coursework in the MA program.

#### Education for Global Sustainability (MA)

The **Capstone Course** should read:

- EFGS 6001 Practical Applications: EFGS

#### Secondary Education (MAT)

Courses under **Developmental Psychology** should be:

- SPED 5860 Psychology of the Exceptional Student (3 hours)
- EPSY 5810 Advanced Adolescent Psychology (3 hours)
- EPSY 5130 Educational Psychology (3 hours)

#### Social Science Education (MA)

**Open Area Courses:** the number of required hours should be 12 hours

## 08 December 2014

### Accreditation and Memberships

**South Carolina** information should read:

The metropolitan campuses in Charleston, Columbia, Greenville, and Myrtle Beach are licensed by the:

SC Commission on Higher Education  
1122 Lady Street, Suite 300  
Columbia, SC 29201  
Telephone: 803-737-2260

Licensure is not an endorsement or guarantee of quality. If students at the Charleston, Columbia, Greenville, and Myrtle Beach Metropolitan Campuses have complaints about a classroom situation, they should first attempt to resolve the situation with the instructor. If resolution cannot be made with the instructor, or if the complaint is about a general school policy over which the instructor has no jurisdiction, then they may contact the school director for mediation. If the complaint cannot be resolved at the school level, students may contact Nonpublic Institution Licensing of the Commission on Higher Education. The complaint must be in writing and must include documentation that the complaint has been reviewed through the institution's procedures. The school director will provide students with the necessary form or it is available on the web site of the Commission at [www.che.sc.gov](http://www.che.sc.gov).

## 22 December 2014

### Special Education (MA)

The description of the **emphasis in PBIS** should read:

The emphasis in PBIS is designed to provide educators with the knowledge and expertise to design, implement and evaluate individual, small group, and systemic strategies that improve social behavior and learning outcomes for K-12 students. The

conceptual framework for PBIS is based in "Tiered Systems" approaches to improving academic and social outcomes for all students. This program is targeted to educators who are interested in pursuing careers as behavior specialists and/or school-wide PBIS team members or consultants.

### Accreditation and Memberships

**North Carolina** information should read:

Webster University was approved by the Board of Governors of the University of North Carolina and has been issued a regular license to offer graduate degree programs at Fort Bragg in Fayetteville, NC and at Camp Lejeune and at New River Marine Corps Air Station in Jacksonville, NC. Webster will be required to complete an annual report and is subject to annual reviews.

## 12 February 2014

### New Advanced Graduate Certificate: Applied Behavior Analysis

#### 18 Hours

*This program offered by School of Education*

#### Program Description

This 18-credit online advanced graduate certificate (ACG) program prepares candidates with the knowledge and concepts needed to engage in applied behavior analysis in schools, community agencies, residential centers and family settings to enhance the skills and abilities of persons with Autism Spectrum Disorder, significant disabilities, and other developmental conditions.

The program provides training in functional behavior assessment, analysis, and intervention within the context of ethically guided and evidence-based practices. Candidates are introduced to the conceptual foundations of applied behavior analysis, research methodology, principles and practices of behavioral instruction, support and intervention, and the ethical and professional guidelines needed for effective and efficacious services.

The program is designed to prepare candidates with coursework-based content knowledge and skills required to apply to sit for the Board Certified Behavior Analyst® Examination offered through the Behavior Analyst Certification Board (BACB). Successful completion of the Webster University Advanced Graduate Certificate program in Applied Behavior Analysis does not guarantee that the candidate will be approved to sit for the Board Certified Behavior Analyst® examination. Candidates who plan to apply for the Board Certified Behavior Analyst® Examination should carefully review the requirements, published by the Behavior Analyst Certification Board (

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www.bcba.com  
).

## Learning Outcomes

Successful completers will:

1. Demonstrate a thorough understanding and knowledge of the concepts and principles that underlie applied behavior analysis.
2. Demonstrated a thorough understanding of the principles involved in functional behavior observation, assessment, and analysis.
3. Demonstrate a thorough understanding of the principles that govern the application of behavior analysis to alleviate the behavioral challenges and problems experienced by persons with disabilities or socio-emotional challenges.
4. Understand the ethical and legal principles and responsibilities in the application of behavior principles.
5. Master the foundational concepts and skills needed to apply to sit for the Board Certified Behavior Analyst® Examination offered through the Behavior Analyst Certification Board (BACB).

## Program Curriculum

- SPED 5900 Concepts and Principles of Behavior Analysis (3 hours)
- SPED 5901 Applied Behavior Analysis I (3 hours)
- SPED 5703 Functional Behavioral Assessment and Intervention (3 hours)
- SPED 5902 Applied Behavior Analysis II (3 hours)
- SPED 5800 Applied Research Methods (3 hours)
- SPED 5319 Disability and Ethics (3 hours)

**Total number of credits: 18**

## Admission

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

## Admission Requirements

- Master's Degree in Special Education, Education, Psychology, or a related behavioral science field
- Cumulative GPA of 3.0

**Send all required admission materials to**

Office of Admission  
Webster University

470 East Lockwood Ave.  
St. Louis, MO 63119

*Completed application files will be reviewed by the Multidisciplinary Studies Department.*

## New Graduate Certificate: Mobile Technology in Education

**20 Hours**

*This program offered by School of Education*

### Program Description

The Mobile Technology in Education certificate seeks to enable educators to facilitate learning with mobile devices both in and out of the classroom.

### This program is only offered online

The goals of the program are to facilitate our students' ability to:

- make sound decisions in choosing appropriate applications (apps)
- use apps in the classroom to offer personalized, student-centered learning
- design apps in a process-based approach to information architecture and app programming
- develop skills in process management, information architecture, and problem-solving
- choose and use cloud-based apps in the classroom
- understand the roles of consumer and producer in applications

**This certificate consists of 20 hours**

### Requirements

**Two tracks are available:**

The **Teacher Track** is designed for instructors in K-12 education, higher education, and adult training using

mobile devices in a 1-to-1 classroom, BYOD and lab setting. Devices such as smartphones, iOS Devices, Androids, Chromebooks, and other types of mobile computing devices will be included in the instruction.

The **Technology Coordinator Track** is designed for instructional technology leaders, network administrators, IT managers, and support personnel in K-12 education, higher education, and adult training managing

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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:**

- EDTC 5250 Programming I for Educators (2 hours)
- EDTC 5255 Programming II for Educators (2 hours)
- EDTC 5720 Computer Networks (2 credit hours)
- EDTC 5730 Technical Environment Management (2 hours)

If desired, the certificate may be used as part of a master's degree program.

Students seeking this graduate certificate are advised to consult the following parts of Webster's Graduate Studies Catalog: Admission, Enrollment, Academic Policies, and Graduate Certificates.

**Admission**

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

**Admission Requirements**

- Official transcripts from the baccalaureate granting institution.
- Undergraduate cumulative GPA of 2.5 or higher.
- Essay: Why are you interested in the Certificate in Mobile Technology in Education?

**Send all admission materials to:**

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

Completed application files will be reviewed by the Coordinator of Educational Technology.

**Transfer of Credit**

No transfer credit is allowed for the certificate in Mobile Technology in Education

## New Graduate Certificate: Project Management

**12 Hours**

*This program offered by Walker School of Business & Technology*

**Program Description**

This certificate delivers a series of project management courses for graduate students in either business or non-business majors. This certificate is designed to equip the students with theoretical concepts and the practical skills needed for successfully completing projects on time and within budget.

Students completing the program will gain knowledge and tools in planning, scheduling, executing, controlling, and closing projects.

**Program Curriculum**

- BUSN 5100 Introduction to Project Management (3 hours)
- BUSN 5300 Project Procurement Management (3 hours)
- BUSN 5700 Advances in Project Management (3 hours)
- MNGT 5670 Managerial Leadership (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

## New Graduate Certificate: Psychoeducational Needs of Immigrant and Refugee Youth

**12 Hours**

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*This program offered by School of Education*

## Program Description

This 12-hour professional development certificate is designed for graduate students who are teachers of English Language Learners, school psychologists, school social workers, school counselors, or other educators who work with immigrant and refugee populations. The certificate is available in both face-to-face and online formats in order to provide greater learning opportunities, especially for graduate students from outside the United States. Qualified graduate students may be able to apply this 12-hour graduate certificate to the 24-hour sequential MA in Applied Educational Psychology or the 36-hour MA in Applied Educational Psychology.

## Requirements

- EPSY 5350 Intercultural Communications (3 hours)
- EPSY 5816 Advanced Child Development (3 hours)
- EPSY 5991 Issues in Assessment: Cultural and Linguistic Diversity (3 hours)
- EPSY 5490 Seminars in Immigrant and Refugee Experiences (3 hours)  
or EPSY 5510 Psychosocial Aspects of Migration (3 hours)

## Admission

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

## Send all required admission materials to:

Office of Admission  
Webster University  
470 East Lockwood Ave.  
St. Louis, MO 63119

Completed application files will be reviewed by the Multidisciplinary Studies Department.

## New Graduate Certificate: Science Management and Leadership

### 12 Hours

*This program offered by College of Arts & Sciences*

## Program Description

The certificate program in science management and leadership is designed for professional scientists and engineers who are advancing in their career in management and leadership roles.

The program aims to provide these professionals with competencies in project management, leadership, regulatory affairs, intellectual property, and marketing.

All certificate courses must be taken at Webster University. Students may pursue the certificate by itself or integrate their certificate studies with their MS degree program. Students enrolled in the MS degree program in science management and leadership are not eligible to receive the science management and leadership certificate.

## This program is offered online.

## Requirements

The 12 credit hours required for the graduate certificate in science management and leadership include the following course:

- SCML 5700 Marketing and Comparative Analysis for Science Management and Leadership (3 hours)
- SCML 5800 Project Management (3 hours)
- SCML 5850 Regulatory Affairs for Science Management and Leadership (3 hours)
- PATA 5120 Foundations in Intellectual Property Law (3 hours)

## Admission

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

## Send admission documents to:

Webster University  
Office of Admission  
470 East Lockwood Ave.  
St. Louis, MO 63119

## New Graduate Certificate: Tiered Instruction and Interventions: RTI and PBIS

### 12 Hours

*This program offered by School of Education*

## Program Description

This 12-hour graduate certificate program is targeted to educators and other qualified professionals who are interested in developing and participating in school-wide Response to Intervention (RTI) and Positive Behavioral Interventions and Supports (PBIS). The graduate certificate in Tiered Instruction and Interventions: RTI & PBIS is designed

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to provide educators with the knowledge and expertise to design, implement and evaluate individual, small group, and systemic strategies that improve academic and social outcomes for K-12 students. The conceptual framework is based in "Tiered Systems" approaches to school-wide systems of prevention and improvement. This program is targeted to educators who are interested in pursuing careers as behavior specialists and/or school-wide RTI/PBIS team members or consultants.

Coursework from the Graduate Certificate program may be applied towards the requirements of the Master of Arts in Special Education degree program.

## Requirements

- SPED 5700 School-Based Prevention/Intervention: RTI and PBIS (3 hours)
- SPED 5701 Universal School-Wide PBIS (3 hours)
- SPED 5702 Secondary Prevention: Targeted Group Interventions(3 hours)
- SPED 5703 Functional Behavior Assessment and Intervention (3 hours)

## Admission

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

## Admission Requirements

Applicants must have a baccalaureate degree from an accredited institution of higher education and meet all of the admission and acceptance criteria as outlined in the graduate program's Academic Policies and Procedures.

## Send all required admission materials to

Office of Admission  
Webster University  
470 East Lockwood Ave.  
St. Louis, MO 63119

Completed application files will be reviewed by the Multidisciplinary Studies Department.

**16 February 2015**

## Course Descriptions/SPED

### New Courses added:

#### **SPED 5900 Concepts and Principles of Behavior Analysis (3)**

This graduate course introduces students to the foundational concepts and principles needed to work in the

field of behavior analysis. The course focuses on identifying and defining the principles of behavior analysis used to assess behavior, develop and implement research-based interventions for reducing problem behaviors and teach new behaviors to individuals with behavior concerns. Basic laboratory research procedures that illuminate the principles of behavior will be addressed. The coursework covers the foundational knowledge and concepts listed on the BCBA Fourth Edition Task List needed to apply to sit for the Board Certified Behavior Analyst Examination. It is a prerequisite for all other courses in the Behavior Analysis series.

#### **SPED 5901 Applied Behavior Analysis I (3)**

Students study the principles and fundamentals required for the application of behavior change skills within the applied behavior analytical model of intervention. Following review of the concepts underlying the identification of problem behaviors, functional behavior assessment and analysis, direct and indirect observational techniques, and preventative and pre-correction techniques, students study methods to strengthen, replace or weaken behavior, specific change procedures, measurement techniques, and program evaluation.

#### **SPED 5902 Applied Behavior Analysis II (3)**

This course advances the principles of applied behavior analysis by examining systems of behavior changes, including self-management strategies, reinforcement systems, Direct Instruction, precision teaching, functional communication training, and others. Considerations made when planning and implementing behavior change systems are examined. Issues relating to implementation, management, and supervision of intervention are explored. Applications to individuals with Autism and Significant Disabilities. The coursework covers concepts needed for many of the basic skills listed on the BCBA Fourth Edition Task List needed to sit for the BSBA examination.

## Course Descriptions/BUSN

### New Courses added:

#### **BUSN 5100 Introduction to Project Management (3)**

This course examines the basic theory and practical tools of project management. The student learns to manage projects and achieve project objectives by organizing, planning, scheduling and controlling the project.

#### **BUSN 5250 Enterprise Systems (3)**

This course helps students understand enterprise systems in today's organizations. The contents includes the evolution of

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

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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 Cybersecurity (3 hours)
- CSSS 5120 Cybersecurity Infrastructures (3 hours)
- CSSS 5210 Cybersecurity Law & Policy (3 hours)
- CSSS 5220 Cybersecurity Threat Detection (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

## New Graduate Certificate: ERP with SAP

### 12 Hours

*This program offered by Walker School of Business & Technology*

### Program Description

The graduate certificate in ERP (Enterprise Resource Planning) is designed for students who desire a sequence of graduate-level courses that focus specifically on the ERP area. In addition, students can gain specialized experience with SAP, the leading global provider of ERP software. ERP systems are critical to better manage business intelligence, operations planning, and purchasing and materials of corporations today--large, small and midsized. The program will provide students with ERP and SAP expertise to successfully pursue or advance a career in this increasingly in-demand field.

### Learning Outcomes

- Students understand the evolution, components, and implementation of ERP systems.
- Students can use an ERP system and understand the integrated business processes in ERP.
- Students can configure an ERP system.
- Students can use business intelligence to formulate and analyze meaningful information from an ERP system.

### Program Curriculum

- BUSN 5250 Enterprise Systems (3 hours)
- BUSN 6160 Integrated Business Processes and ERP (3 hours)
- BUSN 6180 Configuration of ERP Systems (3 hours)
- CSIS 5330 Business Intelligence and ERP (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  
Webster University  
470 E. Lockwood Ave.  
St. Louis, MO 63119

## New Graduate Certificate: Global Business

### 12 Hours

*This program offered by Walker School of Business & Technology*

### Program Description

This certificate is designed for students or working professionals who want to deepen their understanding of global business. Students will gain an in-depth familiarity with subject matter related to the global marketplace and be exposed to international culture and business practices.

### Learning Outcomes

1. Students can demonstrate foundation knowledge in international business.
2. Graduates can identify cultural aspects and explain how culture affects the business environment in global regions.
3. Graduates can apply administrative and managerial theories as they relate to problem solving in the global business context.

### Program Curriculum

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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.