

4-17-2015

SR-14-15-15 CC

Marshall University

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CURRICULUM COMMITTEE RECOMMENDATION

SR-14-15-15 CC

NOTE: The curricular form for each item listed may be accessed at www.marshall.edu/senate/ucc. Click the UCC Agendas/Minutes link; click the link for the November 7, 2014 meeting date; click the link in the Description column to open a particular item.

Recommends approval of the listed **COURSE ADDITIONS** in the following colleges and/or schools/program: **COLLEGE OF ARTS & MEDIA/ COLLEGE OF INFORMATION TECHNOLOGY & ENGINEERING/ COLLEGE OF LIBERAL ARTS/ COLLEGE OF SCIENCE/ UNIVERSITY COLLEGE.**

COLLEGE OF ARTS & MEDIA:

- MUS 497 Capstone Project in Music 2 hours

A discipline-based experience designed to combine the student's musical knowledge and range of knowledge outside the field of music in a summarizing project. **Prerequisites:** MUS 361, MUS 376, and completion of piano proficiency requirements.
- THE 422 Stage Combat 3 hours

Unarmed and small arms combat for theatre and film.

COLLEGE OF INFORMATION TECHNOLOGY & ENGINEERING:

- CS 412 Embedded Systems 3 hours

The design of systems containing embedded computers. Micro-controller technology, assembly language and C programming, input/output interfacing, data acquisition hardware, interrupts, and timing. Real-time operating systems and application programming. Application examples. **Prerequisites:** CS 402
- CS 415 Data Mining 3 hours

Covers (1) the process of knowledge discovery, (2) algorithms (association rules, classification, and clustering), and (3) real-world applications. Focuses on efficient data mining algorithms and scaling up data mining methods. **Prerequisites:** CS 215, CS 410
- CS 435 Cyber Risk 3 hours

Advanced course on the functions and purposes of the latest development in cyber security techniques and tools used to create, secure, protect and

remediate cyber-infrastructures from various cyber threats. **Prerequisites:**
CS 430: Cybersecurity

COLLEGE OF LIBERAL ARTS:

- GER 425 Grimm's Fairy Tales 3 hours

Taught in English this course will focus on many of the Brothers Grimm's collection of 279 fairy tales, augmented by additional readings and film showings.

- PSC 402 Politics of the Undead 3 hours

An exploration of political thought, international relations theory, and political economy through the pop cultural lens of vampires, zombies, and other undead creatures.

COLLEGE OF SCIENCE:

- BSC 428 Neuroscience 3 hours

The fundamentals of cellular and systems neuroscience, with application towards understanding current research and biomedical problems.

Prerequisites: BSC 428, BSC 120, and one of the following with a C or better: BSC 322, BSC 422, CHM 355

UNIVERSITY COLLEGE:

- UNI 400 Graduate School Preparation 2 hours

This course will provide necessary steps, tools, and resources future graduates need in completing their undergraduate career and pursuing a graduate degree. Designed for students graduating within one year.

Prerequisites: Junior Status (58 credit hours)

FACULTY SENATE CHAIR:

APPROVED BY THE
FACULTY SENATE:

Larry Stibler DATE: 4/17/2015

DISAPPROVED BY THE
FACULTY SENATE:

DATE: _____

UNIVERSITY PRESIDENT:

APPROVED: Ray S. White DATE: 5/21/15

DISAPPROVED: _____ DATE: _____

COMMENTS: _____
