Academic Council Minutes
April 18, 2018
Midwestern State University

The Academic Council did not meet on Wednesday, April 18, 2018. An electronic vote was requested from the voting members of the council and all agenda items were adopted (closed).

New Business

1. Dillard College of Business Administration

Undergraduate Catalog Change

Requirements for the Bachelor of Business Administration

No changes until...

Professional Business Core

After satisfying the business core requirements discussed above, students pursuing the B.B.A. degree may begin taking upper-level business courses including those listed in the Professional Business Core. To receive the B.B.A. degree in most business programs, students must successfully complete all nine (27 semester hours) of the Professional Business Core courses listed below.

- MGMT 3013 - Organizational Behavior in Business 3
- BUAD 3033 - Business and Economic Statistics 3
- MIS 3003 - Management Information Systems 3
- LSBA 3233 - Legal and Ethical Environment of Business 3
- MGMT 3453 - Operations Management 3
- MKTG 3723 - Principles of Marketing 3
- FINC 3733 - Business Finance 3
- MGMT 4853 - Strategic Management 3

3 hours International Component

Select one of the following International Component courses:

- AGBU 4643 – International Agricultural Trade 3
- BUAD 4993 - International Issues in Business 3
- ECON 4643 - International Economics and Finance 3
- ECON 4723 - Comparative Economic Systems 3

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.
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3. College of Science and Mathematics, Mathematics

New Course Addition, effective summer 2018

**MATH 0010. Math NCBO**

**Prerequisite:** Approval of Math Department Chair

**Description:** Math 0010 offers a Non-Course Based Option for students who failed the math section of the TSI-A.

**Lec/Lab Hrs:** 0

**Course Objectives and/or additional information:**

Provide students instruction intended to help them satisfy TSI requirements in math.
4. **College of Science and Mathematics, Mechanical Engineering**

Deletion of Courses, effective fall 2018

- IEGR 3114. App Material Science and Processes
- IEGR 3123. Metrology
- IEGR 3131. Machining/Welding Practicum
- IEGR 3204. Thermo-Fluid Systems
- IEGR 3214. Production Planning and Control
- IEGR 3244. Computational Tools in Engineering
- IEGR 4103. Applied Mathematics
- IEGR 4114. Fluid Power Systems
- IEGR 4132. Senior Capstone Project I
- IEGR 4133. Machine Design
- IEGR 4212. Renewable Energy Systems
- IEGR 4213. Applied Control Theory
- IEGR 4242. Senior Capstone Project II
- IEGR 4243. Automation Systems

5. **College of Science and Mathematics, Biology (Graduate)**

Graduate Catalog Change, effective fall 2019

Biology Minor

Approved Courses – 12 semester hours

A minimum of 12 semester hours of approved courses, including:

- BIOL 5002 – Discussions in Biology
- BIOL 5011 – History of Biological Sciences
- BIOL 5012 – Writing in the Biological Sciences
- BIOL 5801 – Research Ethics

with the exception that Curriculum and instruction majors selecting a divided minor may be approved for a nine-hour minor by the College Dean.

6. **College of Science and Mathematics, Geosciences (Graduate)**

New Course Addition, effective fall 2019

**GEOS 5713. Advanced Geophysics**  
Prerequisites: GEOS 3434 and 3533 or the approval of the instructor

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.
Description: The course will engage students with current theory and techniques in modern geophysics. The class covers near-surface characterization and other geophysical assessments. The course includes the evaluation of airborne or satellite data, as well as field data. Students will be introduced to instrument principles, survey strategies, acquisition techniques, processing, and interpretation.

Lecture and Lab 3(2-2)

Course Objectives and/or additional information:
Students of Advanced Geophysics will learn:
- The general nature of geophysical sensing over a range of scales
- The principles of select geophysical instrumentation
- Protocols for surveys and data evaluation
- Data management and manipulation
- Geologic interpretation of geophysical data.

Respectfully submitted,

Deb Schulte
Assistant to the Provost and Vice President for Academic Affairs