

# Academic Council Minutes

## November 15, 2017

### Midwestern State University

The Academic Council met Wednesday, November 15, 2017, in the Dillard College of Business Administration, the Priddy Conference Room.

Voting members in attendance were:

Dr. Marcy Brown Marsden, Dean, College of Science and Mathematics  
 Dr. Martin Camacho, Dean, Lamar D. Fain College of Fine Arts  
 Dr. Matthew Capps, Dean, Gordon T. and Ellen West College of Education  
 Dr. Laura Fidelie, Faculty Senate Vice-Chair  
 Dr. Jeff Killion, Interim Dean, Gunn College of Health Sciences and Human Services  
 Mr. Damien DeSilva, Student Government Association Vice President  
 Dr. Jeff Stambaugh, Interim Dean, Dillard College of Business Administration  
 Dr. Sam Watson, Dean, Prothro-Yeager College of Humanities and Social Sciences  
 Dr. Kathryn Zuckweiler, Dean, Dr. Billie Doris McAda Graduate School

Other Attendees:

Dr. Kristen Garrison, Associate Vice President for Undergraduate Education and Assessment  
 Ms. Leah Hickman, Associate Director, Admissions  
 Ms. Darla English, Registrar  
 Dr. Clara Latham, University Librarian  
 Ms. Juliana Lehman-Felts, Assistant Director, Redwine Honors Program  
 Dr. Michael Mills, Director of International Education  
 Mr. Mario Ramirez, Staff Senate Representative  
 Ms. Jamie Wilson, Associate Registrar

Dr. James Johnston, Provost and Vice President for Academic Affairs, presided and the meeting began at 2:00 p.m.

#### **Approval of Minutes**

Dr. Johnston called for a motion to approve the October 2017 Minutes of the Academic Council.

Dr. Capps made a motion that the minutes be adopted; Dr. Fidelie seconded and the motion was unanimously adopted. (closed)

#### **Old Business**

There being no Old Business to discuss, the Council moved on to New Business.

#### **New Business**

1. Dr. Garrison presented proposed changes the Writing Proficiency Requirement. Dr. Killion made a motion to adopt proposed changes. *Dr. Zuckweiler seconded and the motion was adopted. (closed)*  
 Note: during discussion of the proposed changes, Dr. Capps made a motion to adopt a Friendly Amendment to remove the proposed changes to course ENGL 2113 (on page 3). *Dr. Watson seconded and the motion was adopted. (closed)*

The Writing Proficiency Requirement  
 Revised policy statement, effective August ~~2015~~ 2017

Midwestern State University requires all students seeking baccalaureate degrees to fulfill the Writing Proficiency Requirement between the completion of their 60<sup>th</sup> and 90<sup>th</sup> semester credit hour, either by passing the Writing Proficiency Examination or by enrolling in and passing ENGL 2113, Intermediate Composition and Grammar.

Students transferring to MSU with more than 90 semester credit hours must take the Writing Proficiency Examination during their second long (fall or spring) semester at MSU and if necessary enroll in and pass 2113 in their third semester. Alternatively, they may choose to enroll in and pass 2113 in their first semester without attempting the examination.

Each student's academic advisor and major program are responsible for making the student aware of the Writing Proficiency Requirement and the ways in which it can be fulfilled

### The Writing Proficiency Examination

Administration. The Writing Proficiency Examination is administered by the Writing Program Administrator (WPA), who reports directly to the ~~Provost~~ **Associate Vice President of Undergraduate Education and Assessment**. The WPA appoints English faculty as necessary to assist in grading the exam. In consultation with the Provost **and the AVP**, the WPA recommends a fee schedule for the compensation of the graders, proctors, and clerical assistants as necessary, and for incidental handling of off-campus exams. These fees then require the approval of the Board of Regents.

The Office of Writing Proficiency, under the supervision of the WPA, is responsible for the following:

- . ~~creating writing prompts and~~ preparing the exam
- . scheduling specific dates and locations for the exam
- . disseminating information about the exam and about testing times and places
- . assigning proctors for each exam
- . overseeing the grading of the exams to ensure fairness and consistency
- . recording exam results and maintaining comparative statistics of present and past results
- . arranging special accommodations for students with disabilities and/or at a distance
- . clearing holds placed on students who have not fulfilled the Writing Proficiency Requirement by 90 hours and/or who did not pass the Writing Proficiency Exam.

Nature of the Exam. The Writing Proficiency Examination tests the ability of juniors to write a college-level persuasive essay. Each test-taker responds to one of two prompts by writing an essay of at least 300 words in a two-hour period. (Extra time and alternative locations may be arranged for students with documented disabilities.)

Criteria for Grading. A passing essay responds to one of the prompts with a clearly stated thesis, which then receives adequate support and development in the rest of the essay. Additionally, a passing essay presents a clearly organized argument, demonstrates reasonable command of sentence structure and vocabulary, and adheres to standard American conventions of spelling, usage, and punctuation. Exam instructions and the descriptive rubric used by the graders are available on the Writing Proficiency Requirement website.

Who May Take the Exam. Students may take the exam only after completing 60 semester hours of university credit (junior standing) and only after passing the Communication Core (6 hours). Students may take the exam only once

When and Where the Exam Is Given. The Writing Proficiency Examination is given several times on the MSU campus midway through the spring and fall semesters and early in the second summer term. Exact dates and locations are published in each semester's *Schedule of Classes* and on the MSU web page. Beginning approximately six (6) weeks prior to each exam cycle, students will be able to register online at the Writing Proficiency Requirement website.

~~Students residing at a distance greater than 150 miles from Wichita Falls and not enrolled in any course on the MSU campus may for an additional handling fee, may make special arrangements to have the test proctored in their local area during any one of the testing periods. In order to apply for a proctored exam, students must complete the online application form available on the Writing Proficiency Requirement website.~~ **For an additional fee, distance education students and students enrolled at a Midwestern State satellite campus (Flower Mound or WCWC) may take the WPE online through MSU's D2L interface. To do so, students must apply for a proctored exam and purchase an online test ticket. Then they must schedule an appointment with a designated online proctoring service within one of the scheduled testing periods**

Exam Procedures. Test-takers must arrive on time (late comers will not be admitted) and bring a photo identification, a pen or pencil, and a receipt confirming online payment of the test fee. All other permitted materials

will be provided, including an acknowledgment of the Writing Proficiency Requirement to be signed by each test-taker. Not permitted at the testing site are notebooks, paper, dictionaries, thesauri, book bags or back packs, or any electronic devices, including spell-checkers, grammar-checkers, and cell phones.

The proctor will distribute materials, and he or she will then explain the format for the examination, review the criteria by which the exam is evaluated, and answer questions. (Students ~~making special arrangements to~~ **who** take the exam off-campus cannot expect the ~~locally assigned~~ **online** proctor to answer questions beyond those covered in the written test materials the proctor has been provided.) Test-takers then have two hours in which to complete essays of at least 300 words. Some may wish to write a rough draft and then a final draft. In such cases the final draft must be clearly indicated since only the final draft will be evaluated.

Special Accommodations. Students with documented disabilities who wish to arrange special accommodations for the Writing Proficiency Examination should do so through the Office of Disability Support Services at least two weeks before the date of the exam. Midwestern State University will make any reasonable accommodation that does not directly affect the skills being tested in this exam.

~~Students living over 150 miles from Wichita Falls and not enrolled for courses on the MSU campus may request to have the exam individually proctored for an additional handling fee at a college in or near their local communities. Students wishing to make arrangements for a proctored exam must follow the application process described on the website. To preserve the security and the integrity of the exam, any such request must identify a certified proctor and a university or community college testing center in the student's vicinity. Upon verification of the proctor and testing center, examination materials will be mailed to the proctor at the testing center, where the student will make arrangements to take the exam before the end of the current semester's testing period. The examination, the test fee, and the additional handling fee are to be returned to MSU directly by the proctor on or before the stated deadline.~~

Exam Evaluation. The final draft of each essay is read by two full-time members of the English faculty, who have no knowledge of the writer's name or of the other reader's evaluation. No marks are placed directly on the essay, but each grader notes errors, records his or her evaluation of the essay based on the writing proficiency rubric, and assigns an overall grade of pass or fail. If the two graders do not agree on whether the essay passes or fails, it is read in the same manner by a third member of the English faculty, also without knowledge of the writer's name, for a final determination. The evaluation of the graders is final, and though a student, on request, may review his or her rubrics, there is no appeal. Essays and rubrics will not be returned to the student.

Exam Results. The results of the Writing Proficiency Examination are confidential; therefore, results cannot be given out over the phone or via e-mail. They are reported via confidential memo from the Office of Writing Proficiency to the deans of the colleges, to the Provost, and to the Registrar. The Registrar posts each passing result to the individual student's transcript. Students should check their transcripts through the MSU website approximately four weeks after the test date to determine if they passed the exam. A "Writing Proficiency Exam Failed" hold will be applied to students whose essays do not pass the exam. **The hold must be released by our office.**

***Friendly Amendment to remove the proposed changes to course ENGL 2113; Proposal adopted.***

ENGL 2113: Intermediate Composition and Grammar

Skill in clear ~~and forceful~~ composition and ~~in~~ **control of** standard **English** usage ~~is~~ **are** the primary objectives of the course. The course can be used to satisfy the Writing Proficiency Requirement, but it must be taken through MSU; no substitutions are permitted. Several sections, both online and on-campus, are offered every long semester and during the summer sessions.

2. Dr. Camacho made a motion to adopt the following undergraduate catalog change for Art.  
*Dr. Fidelie seconded and the motion was adopted.* (closed)

Deletion of Course, effective fall 2018

ART 3913. Professional Practices

3. Dr. Watson made a motion to adopt the following undergraduate catalog changes for Psychology.  
*Dr. Zuckweiler seconded and the motion was adopted. (closed)*

Catalog Changes

Bachelor of Science in Psychology  
 Bachelor of Arts in Psychology  
 Bachelor of Science and Bachelor of Arts in Psychology  
*No changes until...*

Additional Program Requirement

satisfies part of Natural Science requirement in Academic Foundations and Core Curriculum

- BIOL 1134 - Anatomy and Physiology I 4 OR BIOL 1133 – Anatomy and Physiology I for the Health Sciences
- BIOL 1103 – Introduction to Biology
- BIOL 1114 – Life I: Molecular and Cellular Concepts
- OR
- BIOL 1144 - General Zoology 4
- ~~BIOL 1134 – Anatomy and Physiology I 4~~
- ~~BIOL 1133 Anatomy and Physiology I for the Health Sciences~~
- ~~OR~~
- ~~BIOL 1144 – General Zoology 4~~

4. Dr. Brown Marsden made a motion to adopt the following undergraduate catalog changes for Computer Science.  
*Dr. Capps seconded and the motion was adopted. (closed)*

*The faculty of the Department of Computer Science have decided to remove the requirement of SCIE 2103 Understanding Science, Engineering, & Technology for the B.A. degree in Computer Science. The justification is that the course is not offered consistently and when offered, there is only one section. This causes scheduling issues for our students. B.A. students still have the option to take this course from Core Category 091 Component Area Option or may choose a different course from the category.*

Computer Science, B.A.

Additional Requirements

- MATH 1233 – College Algebra 3
- MATH 1433 – Plane Trigonometry 3
- STAT 3573 – Probability and Statistics 3
- ~~SCIE 2103 – Understanding Science, Engineering & Technology 3~~

5. Dr. Brown Marsden made a motion to adopt the following undergraduate catalog changes for Chemistry.  
*Dr. Fidelie seconded and the motion was adopted. (closed)*

Course and Catalog Changes, effective fall 2018

Change of Course Prerequisite(s)

CHEM 3603. Physical Chemistry I

Prerequisite(s): CHEM 1241, 1243; MATH 2534; PHYS 1624, 2644 or consent of instructor

CHEM 3705: Physical Chemistry II

Prerequisite(s): CHEM 3405; CHEM 3603; MATH 3433

CHEM 4242. Biochemistry Laboratory

Prerequisite(s): CHEM 2011; CHEM 2013 with a grade of C or better recommended; Credit or concurrent enrollment in CHEM 4243

CHEM 4243. Biochemistry

Prerequisite(s): CHEM 2013 with a grade of C or better recommended

6. Dr. Brown Marsden made a motion to adopt the following undergraduate catalog changes for Mathematics.  
*Dr. Stambaugh seconded and the motion was adopted. (closed)*

Change of Course Prerequisite(s), effective fall 2018

MATH 1534. Precalculus

Prerequisite(s): ACT MATH score of 22 OR SAT MATH score of ~~510~~ **540** or through departmental placement exam.

Catalog Changes, effective fall 2018

MATH 1534 – Precalculus

(TCCNS = MATH 2412)

(formerly 1533)

Prerequisite(s) ): MATH ACT 22 or SAT MATH score of **540 (taken March 2016 or after)** or MATH SAT 510 **(taken prior to March 2016)** or satisfactory score on placement exam.

Applications of algebra and trigonometry to the study of elementary functions and their graphs including polynomial, rational, exponential, logarithmic and trigonometric functions. Each student must have a graphing calculator. This course is intended for students planning to take MATH 1634.

Core Code: 020N - Mathematics

7. Dr. Brown Marsden made a motion to adopt the following undergraduate catalog changes for Physics.  
*Dr. Stambaugh seconded and the motion was adopted. (closed)*

New Course Addition, effective spring 2018

**PHYS 2911. Independent Lab**

**Prerequisite(s): Consent of Instructor**

**Description: Directed laboratory research in problems of interest to the student and instructor. Minimum of 54 hours of laboratory work per semester hour credit. Requirements dictated by instructor.**

**Laboratory 1(0-2)**

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

**To provide the student with laboratory experience when they transfer in from another university with a class in physics which did not have or require the laboratory section.**

8. Dr. Capps made a motion to adopt the following undergraduate catalog changes for Education.  
*Dr. Brown Marsden seconded and the motion was adopted. (closed)*

A. Biology-Life Science, B.S. with Secondary Certification (Grades 7-12)

*No changes until...*

Major: Biology - 38 hours

• ~~BIOL 1144 General Zoology~~ **BIOL 1114 Life I: Molecular and Cellular Concepts 4**

• ~~BIOL 1544 General Botany~~ **BIOL 1214 Life II: Evolution and Ecology 4**

• ~~BIOL 3054 Principles of Biology I~~ **BIOL 2114 Life III: The Diversity of Life 4**

• ~~BIOL 3064 Principles of Biology II 4~~

•

• BIOL 3044 - Bacteriology 4

• ~~OR~~

• BIOL 3144 - Physiology 4

B. Composite Science, B.S. with Secondary Certification (Grades 7-12)

*No changes until...*

Major: Composite Science - 47 hours

- ~~BIOL 1144 - General Zoology~~ **BIOL 1114 Life I: Molecular and Cellular Concepts 4**
- ~~BIOL 1544 - General Botany~~ **BIOL 1214 Life II: Evolution and Ecology 4**
- ~~BIOL 3054 - Principles of Biology I~~ **BIOL 2114 Life III: The Diversity of Life 4**
- BIOL 3104 - Fundamental Genetics 4
- GEOS 1134 - Physical Geology 4
- GEOS 1234 - Historical Geology 4
- GEOS 3034 - Oceanography 4
- CHEM 2003 - Organic Chemistry 3
- CHEM 2001 - Organic Chemistry Laboratory 1
- PHYS 1144 - General Physics 4
- PHYS 1244 - General Physics 4
- PHYS 1533 - Descriptive Astronomy

C. Science (4-8 Certificate), B.S.I.S.

Academic Foundations and Core Curriculum, plus additional requirements – 44 hours

*No changes until...*

Choose 3 hours from the following courses:

- ~~BIOL 1144 - General Zoology~~ **BIOL 1114 Life I: Molecular and Cellular Concepts 4**
- ~~BIOL 1544 - General Botany~~ **BIOL 1214 Life II: Evolution and Ecology 4**
- BIOL 3434 - Entomology 4
- OR
- BIOL 3534 - Systematic Botany 4
- ENSC 1114 - Foundations of Environmental Science 4
- GEOS 1134 - Physical Geology 4 \*
- GEOS 1234 - Historical Geology 4
- GEOS 3034 - Oceanography 4
- GNSC 1204 - Physical Science 4 \*
- GNSC 3104 - Concepts of Science 4
- PHYS 1533 - Descriptive Astronomy 3

9. Dr. Killion made a motion to adopt the following undergraduate catalog changes for Athletic Training, Nursing, Respiratory Care, and Social Work. *Dr. Fidelie seconded and the motion was adopted. (closed)*

Change of Course Descriptions, effective fall 2018

ATRN 4123. Data Analysis  
 NURS 4123. Data Analysis  
 RESP 4123. Data Analysis  
 SOWK 4123. Data Analysis

Description: ~~The focus of this course is to provide an interdisciplinary data analysis course specifically for health sciences and human services majors using techniques and data structures relevant to clinical investigations. General topics include choosing correct procedures and using statistics to understand clinical data. Specific topics include, but are not limited to, basic statistics, measures of correlation and difference, hypothesis testing and bias, confidence intervals, reliability and validity, significance, power analysis, levels of evidence, sample size and distribution, assessing effects of treatment, quality improvement, relative risk and relative risk reduction, and odds ratio.~~  
**This course provides an introduction to the use and analysis of data in interdisciplinary research projects. Content includes descriptive and inferential statistics, sample size, reliability and validity, and hypothesis development.**

10. Dr. Killion made a motion to adopt the following undergraduate catalog changes for Radiologic Sciences. *Dr. Capps seconded and the motion was adopted. (closed)*

A. Advanced Placement Procedures  
*No changes until...*

### Additional Advanced Courses

Additional advanced standing credit is awarded to medical imaging professionals registered in advanced modalities. This credit is awarded as follows:

- ARRT (T) - RADS 3313 - Radiation Therapy 3
- ARRT (N) or NMTCB - RADS 3803 - Introduction to Nuclear Medicine Physics 3
- ARRT (BD) - RADS 3833 - Bone Densitometry 3
- ARRT (M) - RADS 4753 - Mammography 3
- ARRT (QM) - RADS 4623 - ~~Radiographic Quality Control~~ **Quality Management** 3
- ARRT (CV) or (VI) or (CI) - RADS 3413 - Cardiovascular and Interventional Procedures 3
- ARRT (CT) - RADS 4703 - Principles of Computed Tomography 3
- ARRT (MR) - RADS 4743 - Magnetic Resonance Imaging 3
- ARRT (S) or ARDMS - RADS 4713 - ~~Medical Ultrasound~~ **Sonography** 3

### B. Computed Tomography Certificate

*No changes until...*

#### Courses

##### **Fall**

- RADS 3213 - Advanced Clinical Practice Skills 3
- RADS ~~4723~~ **4703** - Principles of Computed Tomography 3
- RADS 4733 - Sectional Anatomy 3

##### **Spring**

- RADS ~~4783~~ **4723** - Computed Tomography ~~Applications I~~ **Physics** 3

##### **Summer**

- RADS ~~4793~~ **4783** - Computed Tomography Applications ~~II~~ 3

*RADS **4703**, 4723, **and** 4783, ~~and 4793~~ courses cannot be over five (5) years old.*

*All current program and grading progression policies apply.*

#### Granting of the Certificate

The MSU CT Program Certificate may be issued when:

1. Students have completed the didactic courses and provide appropriate documentation of ARRT clinical competency completion requirements signed by the supervising technologist or radiologist and verified by CT program faculty/RADS Program Chair.
2. BSRT majors who complete RADS **3213, 4703**, 4723, 4733, **and** 4783, ~~and 4793~~ and **who** complete the ARRT clinical competency requirements could graduate ready to sit for both the Radiography Certification Exam and the Computed Tomography Certification Exam.

### C. Radiologic Technology, B.S.R.T.

*No changes until...*

#### Admission Criteria for the BSRT Program

1. Be eligible for admission to Midwestern State University.
2. Complete the online BSRT Program application on the department website at <https://mwsu.edu/academics/hs2/radsci/bsrt/program-application>
3. **Complete the HESI entrance examination with a score of 75 or better.**
4. **Complete a background check to include all international addresses as well as US.**
5. Have a cumulative GPA of 2.5 or greater or all college-level work and be in good academic standing.
6. Complete BIOL 1133 or 1134, BIOL 1233 or 1234, ~~RADS 1001, and RADS 1011~~ with grades of C or better.
7. Complete all remediation requirements.
8. Have reliable internet access (high speed recommended) and a working email address.

*No changes until...*

#### Progression Policy for the BSRT Program

1. All professional progression (RADS) courses must be taken in the sequence prescribed.
2. Students must earn a C (2.0) or above in all professional progression courses.
3. Courses that have the "P" designation require passing grades of 75 or better.
4. Failure to attain a minimum grade of C in any professional course will prevent students from progressing in the program until the course(s) can be repeated. Each failed course can be repeated only once. Students who fail any professional course must reapply to the program. Students who fail more than one professional course or the same course more than once will be prevented from completing the program.
5. ~~Prior to enrollment in RADS 4114,~~ Students must provide documentation of:
  - a) Program-approved student liability insurance
  - b) Compliance with state mandated immunizations
  - c) Health insurance
  - d) CPR certification (2 year certification for child and adult)
  - e) ~~Compliance with program approved criminal background check~~
  - f) Drug screening with no illegal substances

*No changes until...*

Major – 78 semester hours

- ~~RADS 1001 – Introduction to Radiologic Sciences 1~~
  - ~~RADS 1011 – Radiologic Sciences Medical Terminology 1~~
  - **RADS 2022 - Introduction to Professional Practice 2**
  - RADS 3033 - Principles of Radiographic Imaging I 3<sup>P</sup>
  - RADS 3043 - Basic Radiographic Procedures 3<sup>P</sup>
  - ~~RADS 3123 – Principles of Radiographic Imaging II 3<sup>P</sup>~~
  - **RADS 3133 – Imaging Pathology**
  - ~~RADS 3203 – Pathophysiology 3~~
  - RADS 3213 - Advanced Clinical Practice Skills 3
  - RADS 3223 - Advanced Radiographic Procedures 3<sup>P</sup>
  - RADS 3243 - Patient Care 3
  - RADS 3423 - Intermediate Radiographic Procedures 3<sup>P</sup>
  - RADS 3503 - Research 3
  - RADS 3513 - Radiographic Imaging Equipment 3<sup>P</sup>
  - **RADS 3763 – Radiation Protection and Biologic Responses 3<sup>P</sup>**
  - ~~RADS 3773 – Radiobiology and Protection 3~~
  - RADS 4114 - Clinical Education I 4 semester hours<sup>P</sup>
  - RADS 4123 - Data Analysis 3
  - RADS 4215 - Clinical Education II 5 semester hours<sup>P</sup>
  - RADS 4232 - Advanced Medical Imaging 2<sup>P</sup>
  - RADS 4315 - Clinical Education III 5 semester hours<sup>P</sup>
  - RADS 4332 - Radiologic Technology Seminar 2<sup>P</sup>
  - **RADS 4613 – Ethical and Legal Issues in Medical Imaging 3**
  - RADS 4633 - Continuous Quality Improvement in Diagnostic Imaging 3
  - RADS 4643 - Health Law in Medical Imaging 3
  - **RADS 4703 – Principles of CT 3**
  - ~~RADS 4723 – Principles of CT~~ **Computed Tomography Physics 3**
  - RADS 4733 - Sectional Anatomy 3
  - RADS 4912 - Special Topics 2<sup>P</sup>
  - RADS 4913 - Applied Research 3
- Six (6) hours of RADS elective courses

11. Dr. Killion made a motion to adopt the following undergraduate catalog changes for Radiologic Sciences. *Dr. Capps seconded and the motion was adopted. (closed)*

Deletion of Courses, effective fall 2018

RADS 1001. Introduction to Radiologic Sciences  
 RADS 1011. Radiologic Sciences Medical Terminology  
 RADS 3023. Advanced Medical Imaging Sciences  
 RADS 3123. Principles of Radiographic Imaging II  
 RADS 4523. PACS in Radiology  
 RADS 4793. Computed Tomography Applications II  
 RADS 4833. Evaluation Methods in Radiologic Sciences

New Course Addition, effective fall 2018

**RADS 2012. Introduction to Medical Imaging and Terminology**

**Prerequisite(s): BSRT program admission**

**Description: This course introduces content specific to medical imaging and terminology related to health care.**

**Lecture 2(2-0)**

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

- 1. Discuss medical imaging history and its emerging development.**
- 2. Recognize and describe various imaging modalities used in health care.**
- 3. Identify various professional organizations related to medical imaging.**
- 4. Define, build, interpret, and pronounce medical terms related to body structure, systems, and anatomic planes.**
- 5. Use medical language in clinical statements and documents.**

Change of Course Prerequisite and Course Description, effective spring 2018

RADS 2022. Introduction to Professional Practice

Prerequisite(s): BSRT program admission

Description: ~~This course is designed to introduce students to subjects related to radiologic technology practice and will serve to connect students with professors and clinical students. Subjects such as radiation and equipment safety, communication, ethics, difficult patients (pediatric, trauma, alcohol and drug users, and geriatrics) will be discussed. Students will learn to handle radiologic science equipment and participate in patient/imaging scenarios.~~

**This course encompasses behaviors and practices appropriate in a professional environment. Content includes interacting with peers, patients, and medical professionals; operating equipment; and serving the profession.**

Changes to Courses and Catalog, effective fall 2018

RADS 3033. Principles of Radiographic Imaging I **Image Acquisition and Processing**

Description: This course will analyze radiographic image qualities and the effects of exposure variables upon these qualities. Learning Outcomes: The student will define, recognize, and evaluate qualities of the radiographic image, and analyze the effects of exposure variables upon each image quality.

**This course and laboratory component explore the principles of digital imaging systems. Content includes image acquisition, image processing and display, quality assurance, technique selection, and image quality analysis.**

RADS 3043. ~~Basic Radiographic Procedures~~ **Radiographic Procedures I**

Prerequisite(s): BSRT program admission

Description: ~~This course includes an introduction to radiographic positioning terminology, the proper manipulation of equipment, positioning and alignment of the anatomical structure and equipment, and evaluation of images for proper demonstration of basic anatomy and related pathology. Learning Outcomes: The student will define radiographic positioning terms; manipulate equipment properly; position and align anatomical structure and equipment; and evaluate images for proper demonstration of anatomy and pathology.~~

**This course and laboratory component focus on anatomy and positioning of the extremities and pelvis with proper equipment manipulation and image evaluation.**

RADS 3423. ~~Intermediate Radiographic Procedures~~ **3053. Radiographic Procedures II**

Description: ~~A continuation of the study of the proper manipulation of radiographic equipment, positioning and alignment of the anatomical structure and equipment, and evaluation of images for proper demonstration of intermediate anatomy and related pathology. Learning Outcomes: The student will manipulate equipment properly;~~

position and align anatomical structure and equipment; and evaluate images for proper demonstration of anatomy and pathology.

**This course and laboratory component focus on anatomy and positioning of the chest, abdomen, spine, skull, and facial bones with proper equipment manipulation and image evaluation.**

RADS 3223—Advanced Radiographic Procedures— **3063. Radiographic Procedures III**

Description: An advanced course including the proper manipulation of equipment, positioning and alignment of the anatomical structure and equipment, and evaluation of images for proper demonstration of advanced anatomy and related pathology. Learning Outcomes: The student will master the manipulation of equipment; and evaluate images for proper demonstration of anatomy and pathology.

**This course focuses on advanced radiographic procedures and image evaluation involving fluoroscopy, surgery, mobile, and trauma.**

RADS 3203. Pathophysiology

Description: This course investigates general pathology and organ system pathology. It includes a brief review of normal structure and function, followed by more in-depth descriptions of specific pathologic processes. Students will use textbooks and Internet resources to learn the basic characteristics, etiology, pathogenesis, clinical features, diagnostic tools including medical imaging procedures, prognoses, and therapies for each of the specific pathologies. Virtual case study presentations are incorporated into this course.

**This course investigates general and organ system pathology. Content includes etiology, pathogenesis, clinical features, prognoses, and therapies for each specific pathology.**

RADS 3213. Advanced Clinical Practice Skills

Description: This course focuses on the current healthcare delivery environment including patient assessment, monitoring, infection control, and management. It includes working with multicultural patients, managing problem patients, and patient education. Additional topics include an overview of considerations when working in an increasingly digital imaging environment. Note: Students are required to perform specific clinical skills in this course. It is strongly recommended that students have minimal contact with patients, patient charts, and an EKG machine (12-lead preferred).

**This course focuses on advanced clinical practice skills including patient assessment, monitoring, management, and education in the medical imaging department.**

RADS 3243. Patient Care

Description: A course in patient assessment, infection control procedures, emergency and safety procedures, communication and patient interaction skills, and basic pharmacology. Learning Outcomes: The student will correctly assess patient conditions; demonstrate accepted infection control and general safety practices; respond appropriately to emergency situations; practice effective communication skills; and identify pertinent pharmaceuticals and their applications.

**This course details patient assessment and interaction skills, infection control and emergency and safety procedures, venipuncture and peripheral intravenous access, and basic pharmaceuticals common to medical imaging procedures.**

RADS 3313. Radiation Therapy

Description: This course provides an overview of the clinical practice of radiation therapy. Radiobiology, treatment modalities, basic radiotherapy physics, and malignant disease processes are discussed. Note: Students are required to observe patients as they go through treatment sessions. Students must have access to a radiation treatment facility to successfully complete this course.

**This course introduces clinical practice in radiation therapy. Content includes radiobiology, treatment procedures, radiotherapy physics, and malignant disease processes. Credit may be awarded to individuals who are registered in radiation therapy by the American Registry of Radiologic Technologists.**

RADS 3413. Cardiovascular and Interventional Procedures

Description: This course includes a survey of cardiovascular and interventional radiologic procedures with an emphasis on the anatomy demonstrated, equipment used, and the role and responsibilities of the radiographer. Included is a general discussion of the applications of a variety of imaging modalities.

**This course presents cardiovascular and interventional radiologic procedures with an emphasis on anatomy, equipment, and responsibilities of technologists. Credit may be awarded to individuals who are registered in cardiac or vascular interventional radiography by the American Registry of Radiologic Technologists.**

RADS 3503. Research

Description: This course is an introduction to methods and techniques of research in the radiologic sciences. Topics include basic terminology of research, qualitative and quantitative methods, basic research designs, and data analysis techniques.

**This interdisciplinary course provides an introduction to research methods specific to health care.**

RADS 3513. Radiographic Imaging Equipment **Physics and Equipment in Medical Imaging**

Description: A study of the equipment and physics of x-ray production, basic x-ray circuits, and the relationship of equipment components to the imaging process. Learning Outcomes: The student will describe the equipment and physics of x-ray production; describe basic x-ray circuits; and relate equipment components to the imaging process.

**This course discusses Newtonian and radiographic physics, x-ray circuitry and tube operation, and x-ray production and interactions along with an introduction to computed tomography.**

RADS 3773. Radiobiology and **Radiation** Protection

Description: A study of the theories and principles of the interactions of ionizing radiation with biological systems, acute and long-term effects of ionizing radiation exposure, typical medical exposure levels, methods for measuring and monitoring radiation, and methods for protecting personnel and patients from excessive exposure in both the diagnostic and therapeutic settings.

**This course offers an advanced study of radiobiology and radiation protection. Topics include interactions of radiation with matter, biologic effects of ionizing radiation, quantities and units of measurement, dose response curves, and patient and personnel protection.**

RADS 3803. Introduction to Nuclear Medicine **Physics**

Description: This course provides an overview of nuclear medicine, with an emphasis on diagnostic radionuclide techniques within the context of medical imaging. The course will focus mainly on nuclear medicine procedures and how those procedures relate to the total context of diagnostic imaging.

**This course introduces nuclear medicine and nuclear cardiology procedures including preparation and use of radiopharmaceuticals and equipment. Credit may be awarded to individuals who are registered by the Nuclear Medicine Technology Certification Board or the American Registry of Radiologic Technologists in nuclear medicine.**

RADS 3833. Bone Densitometry

Description: This course will provide the radiologic science professional with the knowledge and history of bone densitometry. This course will cover topics such as densitometry techniques, skeletal anatomy in densitometry, statistics and quality control. External and internal factors that affect bone density will also be covered. Patient issues such as risk fracture prediction, diagnosing osteoporosis, radiation exposure, and appropriate candidates for bone density studies will also be included. Note: Students are required to demonstrate specific clinical skills in this course. Students must have access to bone density equipment to successfully complete this course.

**This course discusses bone densitometry procedures including skeletal anatomy and pathology, statistics, quality control, and fracture risk prediction. This course meets the 16 hours of structured education required by the American Registry of Radiologic Technologists. Credit may be awarded to individuals who are registered in bone densitometry by the ARRT.**

RADS 4114. Clinical Education I

Description: A method of instruction providing detailed education, training and work-based experience, and direct patient/client care, generally at a clinical site. Specific detailed learning objectives are developed for each course by the faculty. On-site clinical instruction, supervision, evaluation and placement are the responsibility of the college faculty. Clinical experiences are unpaid external learning experiences. Course may be repeated if topics and learning outcomes vary. Learning Outcomes: As outlined in the learning plan, the student will apply the theory, concepts, and skills involving specialized materials, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the particular occupation and business/industry; demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, while communicating in the applicable language of the occupation and the business or industry.

**This course provides clinical experience in an affiliated hospital or clinic setting where students apply theories, concepts, and skills in patient care, positioning, image acquisition and processing, and radiation protection.**

#### RADS 4123. Data Analysis

Description: The focus of this course is to provide an interdisciplinary data analysis course specifically for health sciences and human services majors using techniques and data structures relevant to clinical investigations. General topics include choosing correct procedures and using statistics to understand clinical data. Specific topics include, but are not limited to, basic statistics, measures of correlation and difference, hypothesis testing and bias, confidence intervals, reliability and validity, significance, power analysis, levels of evidence, sample size and distribution, assessing effects of treatment, quality improvement, relative risk and relative risk reduction, and odds ratio.

**This course provides an introduction to the use and analysis of data in interdisciplinary research projects. Content includes descriptive and inferential statistics, sample size, reliability and validity, and hypothesis development.**

#### RADS 4215. Clinical Education II

Description: A method of instruction providing detailed education, training and work based experience, and direct patient/client care, generally at a clinical site. Specific detailed learning objectives are developed for each course by the faculty. On-site clinical instruction, supervision, evaluation and placement are the responsibility of the college faculty. Clinical experiences are unpaid external learning experiences. Course may be repeated if topics and learning outcomes vary. Learning Outcomes: As outlined in the learning plan, the student will apply the theory, concepts, and skills involving specialized materials, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the particular occupation and the business/industry; demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, while communicating in the applicable language of the occupation and the business or industry.

**This course provides a continuation of clinical experience in an affiliated hospital or clinic setting where students apply theories, concepts, and skills in patient care, positioning, image acquisition and processing, and radiation protection.**

#### RADS 4232. Advanced Medical Imaging Advanced Imaging Modalities

Prerequisite(s): Remove RADS 3123

Description: An introduction to the use of computers in medical imaging and a survey of specialized imaging modalities. Learning Outcomes: The student will formulate techniques to optimize image quality, minimize patient exposure, and preserve equipment; apply methods of image quality assurance; and adapt technical variables to changing conditions.

**This course provides an overview of computer technology, digital radiography, and advanced modalities including computed tomography, magnetic resonance imaging, mammography, sonography, nuclear medicine, and radiation therapy.**

#### RADS 4315. Clinical Education III

Description: A method of instruction providing detailed education, training and work based experience, and direct patient/client care, generally at a clinical site. Specific detailed learning objectives are developed for each course by the faculty. On-site clinical instruction, supervision, evaluation and placement are the responsibility of the college faculty. Clinical experiences are unpaid external learning experiences. Course may be repeated if topics and learning outcomes vary. Learning Outcomes: As outlined in the learning plan, the student will apply the theory, concepts, and skills involving specialized materials, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the particular occupation and the business/industry; demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, while communicating in the applicable language of the occupation and the business or industry.

**This course provides a continuation of clinical experience in an affiliated hospital or clinic setting where students apply theories, concepts, and skills in patient care, positioning, image acquisition and processing, and radiation protection.**

#### RADS 4332. Radiologic Technology Seminar

Description: This is a capstone course focusing on the synthesis of professional knowledge, skills, and attitudes in preparation for professional employment and lifelong learning. Learning Outcomes: The student will synthesize professional knowledge, skills, and attitudes; demonstrate entry-level competencies for professional employment; and demonstrate skills for lifelong learning.

**This capstone course focuses on demonstration of professional knowledge, skills, and attitudes in preparation for employment and lifelong learning.**

RADS 4513. Administration and Supervision of Diagnostic **in Medical** Imaging

Description: A study of general principles of supervision and administration of radiology departments that includes such topics as management techniques, in-service training, human relations, as well as identification of administrative and supervisory problems and solutions.

**This course provides strategies for leading a medical imaging or radiation therapy department including management techniques, in-service training, and human relations.**

RADS 4533. Informatics and Imaging

Description: This course introduces the concepts of information technology as it relates to health care and radiology. Healthcare data trends, electronic health records architecture of information systems, health information privacy and security, ethics, mobile technology, telemedicine, PACS, quality improvement, and patient safety.

**This course introduces the concepts of information technology as it relates to health care and medical imaging. Content includes electronic health records, system architecture, privacy and security, ethics, telemedicine, and picture archiving and communication systems.**

RADS 4623. Radiographic Quality Control **Quality Management**

Description: This course presents basic theories and principles related to the safe utilization of diagnostic radiographic equipment in a clinical setting. Theories and principles responsible for the production of quality radiographs with minimal patient exposure and production costs are foci of the course. The student applies the theories and principles of safe radiation exposure by utilizing various strategies including projects and introductory laboratory experiments.

**This course explores equipment quality control and quality improvement management and administration in medical imaging and radiation therapy departments. Credit may be awarded to individuals who are registered in quality management by the American Registry of Radiologic Technologists.**

RADS 4633. Continuous Quality Improvement in Diagnostic **Medical** Imaging

Description: This course is a study of the principles and methodologies of quality improvement. Comparison with traditional quality assurance are included as well as implementation standards to satisfy The Joint Commission (TJC). Students perform mind set, departmental, and system evaluation, and use problem solving techniques and tools to generate solutions to quality issues.

**This course presents principles and strategies of process improvement in medical imaging including problem identification, solution planning, and process management.**

RADS 4643. Health Law in Medical Imaging

Description: This course is an introductory study of laws affecting medical imaging. Topics include administrative law, professional malpractice, patient rights, risk management, labor law, contract law, and ethical considerations.

**This course provides an introduction to laws affecting health care specific to medical imaging. Content includes ethical and legal principles and regulations related to the rights of patients, students, and employees.**

RADS 4713. Medical Ultrasound **Sonography**

Description: A study of the physical and technical principles of medical ultrasound that includes properties of ultrasound, transducers, modes of application, cross sectional anatomy, and techniques of medical diagnostic ultrasound applications.

**This course provides an introduction to sonography including procedures, equipment, application, and anatomy. Credit may be awarded to individuals who are registered by the American Registry for Diagnostic Medical Sonography or the American Registry of Radiologic Technologists in sonography.**

RADS 4733. Sectional Anatomy

Description: This course is a study of human anatomy as viewed in sectional planes. Students will compare planar anatomy to sectional anatomy and recognize anatomical structures as seen in computed tomography and magnetic resonance imaging. Studies will include the cranium, brain, chest, abdomen, spine, pelvis, and extremities.

**This course requires identification of human anatomical structures in coronal, sagittal, and transverse planes using computed tomography and magnetic resonance cross sectional images.**

RADS 4743. Magnetic Resonance Imaging

Description: This course explores the basic physical and technical principles of MRI scanning. Related clinical applications, system components, image characteristics, quality control methods, limitations, and future developments are introduced.

**This course explores the fundamentals of magnetic resonance imaging including instrumentation, system components, physics, parameters, screening and safety, and future developments. Credit may be awarded to individuals who are registered in magnetic resonance imaging by the American Registry of Radiologic Technologists.**

#### RADS 4753. Mammography

Description: This course provides the technologist with guidelines for performing quality mammography examinations. Content includes the historical background of breast cancer and technical evolution of mammography to include digital technology, essentials of the "Imaging Chain", patient education, and introduction to quality assurance, troubleshooting, instrumentation, positioning, and pathology.

**This course provides guidelines for performing mammographic examinations. Content includes positioning, quality assurance, patient education, and pathology. This course meets the 16 hours of structured education required by the American Registry of Radiologic Technologists. Credit may be awarded to individuals who are registered in mammography by the ARRT.**

#### RADS 4763. Mammographic Quality Practice

Description: This course introduces the student to the regulations established under the Mammography Quality Standards Acts of 1992 (MQSA), fully implemented in 1999. MQSA principles and quality control procedures are the main focus.

**This course introduces regulations and quality control procedures established under the Mammography Quality Standards Act.**

#### RADS 4773. Magnetic Resonance Imaging Applications

Description: This course provides a functional understanding of the basic MRI parameters and how they are used to image specific parts of the body in the axial, coronal, and sagittal planes. The focus will be on MR sequences and presentation of anatomy and pathology.

**This course examines imaging protocols, procedures, and sequence parameters used in the clinical application of magnetic resonance imaging. Additional topics include three-dimensional anatomy and pathology.**

#### RADS 4783. Computed Tomography Applications I

Description: This course focuses on using computed tomography as an imaging tool from the technologist's perspective. Topics include a review of patient care, contrast media and adverse reactions, and imaging protocols for the head, neck, chest, abdomen, pelvis, and spine. CT-guided interventional techniques will also be discussed. Ability to perform CT scans on patients or instructor consent required.

**This course focuses on advanced computed tomography procedures and protocols with special consideration of pediatric and critical care patients, computed tomography-guided interventional imaging techniques, and emerging technologies.**

#### RADS 4813. Teaching Strategies in Radiologic **Imaging** Sciences

Description: This course enhances skills in teaching radiologic sciences by providing instruction in curriculum development, methods of instruction, psychology of learning, and evaluation methods. Students learn how to develop performance objectives, organize a lesson plan, effectively present a lesson, and construct a written assessment.

**This course explores curriculum development, instructional approaches, and assessment procedures for imaging sciences and radiation therapy educators.**

#### RADS 4903. Selected Topics

Description: This course includes directed projects and intensive study of selected topics in radiologic sciences. May be repeated once for credit.

**This course details development of a student-directed project as an intensive study of selected topics in imaging sciences. This course may be repeated once for additional credit.**

#### RADS 4912. Special Topics

Description: Topics address current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. Learning Outcomes: The student

will discuss the organization and structure of the modern-day radiology department; explore the impact of emerging trends on the structure of the imaging department; and participate in problem solving and critical thinking activities. **This course addresses current and emerging issues specific to imaging sciences including organization and structure of radiology departments.**

RADS 4913. Applied Research

Description: This course is comprised of directed research culminating in a substantive paper based on the interest and needs of the student.

**This course requires development of a scholarly research paper (literature review) specific to imaging and therapeutic sciences.**

12. Dr. Stambaugh made a motion to adopt the following undergraduate catalog changes for the Dillard College of Business Administration. *Dr. Watson seconded and the motion was adopted. (closed)*

Catalog Changes, effective fall 2018

A. **Dillard College Statement on Professionalism**

**The faculty, staff, and students of the Dillard College of Business Administration are committed to being a “professional” in our words, conduct, and actions.**

**The qualities of a professional include:**

- **A commitment to the development of specialized knowledge**
- **Competency in analytical, oral and written communication skills**
- **Self-discipline**
- **Reliability**
- **Honesty and integrity**
- **Trustworthiness**
- **Accountability for words and actions**
- **Respect for others and other cultures**
- **Politeness and good manners**
- **A professional image (professionals look professional)**
- **An awareness of their environment and adaptability to different settings**
- **Confidence without arrogance**
- **A commitment to giving back to your community**

B. **Academic Internship Program**

Information

The Dillard College of Business Academic Internship Program provides undergraduate students the outstanding opportunity to experience their chosen career field while enrolled in their academic program. The program helps students apply their scholarship knowledge, gain relevant business experiences, build their professional resumes, and develop important professional networks.

Students may apply for internships with businesses representing a wide array of industries. Students work with a practitioner in a firm in which they have been accepted. **The Internship Program is a partnership among the student, faculty advisor, and business practitioner that collaborates on goals so the internship will integrate theory with experiences of the real world.** A faculty sponsor, the professional in the firm, and the student collaborate on goals so that the internship will integrate theory with the experiences of the real world. **The duration of the internship is one semester and can result in three hours of academic credit.** Upon the satisfactory completion of an internship, students receive three hours of college credit. **Students are required to log a minimum of 150 hours on the jobsite along with meeting all other course requirements. Assurance of learning is facilitated through evaluations submitted by the student, faculty advisor, and business practitioner.** Through an analysis of evaluations and review of the overall internship process, the Dillard

**College of Business Administration Academic Internship Program strives to assure a quality experience for all participants. Additionally, internships provide a competitive edge in finding a job within a student's chosen field and allow for the opportunity to network with quality employers in the local community and beyond. Internships usually correspond to the fall, spring and/or summer semester terms.**

#### Eligibility

Students who are juniors and seniors with a GPA of 2.5 or higher are eligible to participate in the internship program.

#### Nature of Qualifying Work

**The internship experience must be related to the student's major or minor within the Dillard College of Business Administration. Moreover, the work experience shall be related to the type(s) of entry-level or professional work a Midwestern State University graduate would expect. There is a presumption the student will have completed a sufficient amount of upper level business program coursework upon which the internship is based.**

#### Supervision

**The on-site work of the intern must be supervised by a worksite professional. The level of supervision should correlate to the nature of the work and the experience of the intern.**

#### Timing

**Retroactive approval or credit for previous work experience will not be granted. All arrangements must be finalized prior to the start of the internship. The student must register for the internship course in the term in which the internship experience actually occurs.**

**Students are required to spend a minimum of 150 hours on the job for the length of the semester term.**

**A student can earn a maximum of three credit hours per term. Total hours granted for internships in all areas of business may not exceed six hours of credit.**

Information and application instructions can be obtained from the Coordinator of the Academic Internship Program located in the **Academic** Advising Center in the Dillard College of Business Administration.

### C. Admission to Dillard College

**Students may declare a major within the Dillard College of Business at any time. However, to be officially admitted into the Dillard College of Business Administration, students must meet the following requirements:**

- 1. Formally apply to the Dillard College of Business Administration the semester the student is completing the Business Core requirements.**
- 2. Complete all nine (27 semester hours) of the Business Core courses with a GPA of 2.2 or higher (transfer credits will be included in this computation only.)**

#### Business Core Courses:

ENGL 1143

ENGL 1153, 2123, 2203, MCOM 1243, 2403; or SPCH 1133, 2423

MATH 1203 or 1233 (or higher equivalent 1534, 1634)

BUAD 1033

ACCT 2143

ACCT 2243

MIS 2003 (or equivalent i.e. BUAD 2153, CMPS 1013, CMPS 1023, CMPS 1033, CMPS 1043,

CMPS 1044, CMPS 2153, EDUC 1023)

ECON 2333

ECON 2433

**3. Complete an additional 15 hours in the University Core requirements.**

**Students admitted to the college will be approved to enroll in advanced business courses conditioned upon successful completion of requirements 1, 2, and 3.**

D. Accounting Undergraduate Catalog Changes, effective fall 2018

Accounting, B.B.A.  
No changes until...

Approved Electives  
Electives approved by student's advisor to bring total to 120 semester hours. Developmental courses and EXPH activity courses cannot be counted as electives.

**Note**

**Students pursuing a B.B.A. degree with a major in Accounting must earn a grade of C or higher in ACCT 2143, ACCT 2243, ACCT 3023, and ACCT 3033 taken at MSU or transferred from another college or university.**

E. Accounting Minor

Requirements for a Minor in Accounting - 18 semester hours

- \* ACCT 2143 - Financial Accounting 3
- \* ACCT 2243 - Managerial Accounting 3
- ACCT 3023 - Accounting Information Systems 3
- ACCT 3033 - Intermediate Accounting I 3
- and six advanced hours

**Prerequisite(s):**

**MATH 1203 or MATH 1233 (or equivalent) is a prerequisite for ACCT 2143**

**ACCT 2143 is a prerequisite for ACCT 2243**

**ECON 2433 is a prerequisite for FINC 3733**

**FINC 3733 is a prerequisite or concurrent enrollment for ACCT 3033**

**ACCT 3023 is a prerequisite for ACCT 3033**

**Note(s):**

**Students must complete all prerequisite courses before enrolling in any advanced level course.**

**\*If students pursuing the minor are also pursuing a major in the Dillard College of Business Administration, then ACCT 2143 and 2243 is replaced by two additional advanced Accounting courses approved by the Accounting Department Chair.**

**Students pursuing a minor degree in Accounting must earn a grade of C or higher in ACCT 2143, ACCT 2243, ACCT 3023, and ACCT 3033 taken at MSU or transferred from another college or university.**

F. Accounting Course and Catalog Changes, effective fall 2018

ACCT 2143. Financial Accounting

Prerequisite(s): MATH 1203, MATH 1233, **or equivalent ( MATH 1534, MATH 1634, and may not be taken concurrently.**

ACCT 4893. Internship in Accounting

Prerequisite(s): See requirements under **Academic** Internship Programs in **Dillard College of Business Administration** Requirements for the Bachelor of Business Administration. **Consent of the Dillard College Internship Coordinator, faculty advisor, and instructor.**

G. Business Administration Undergraduate Catalog Changes, effective fall 2018

Business Administration Minor

Requirements for Minor in Business Administration - 21 semester hours

- ACCT 2143 - Financial Accounting 3
- ACCT 2243 - Managerial Accounting 3
- \*BUAD 3033 - Business and Economic Statistics 3
- ECON 2433 - Microeconomic Principles 3
- FINC 3733 - Business Finance 3
- MGMT 3013 - Organizational Behavior in Business 3
- MKTG 3723 - Principles of Marketing 3

**Prerequisite(s):**

**MATH 1203 or MATH 1233 (or equivalent) is a prerequisite for ACCT 2143, ECON 2433, and BUAD 3033**

**ACCT 2143 is a prerequisite for ACCT 2243 and FINC 3733**

**ECON 2433 is a prerequisite for FINC 3733 and MKTG 3723**

**MIS 2003 (or equivalent) is a prerequisite for BUAD 3033**

**Note(s):**

**Students must complete all prerequisite courses before enrolling in any advanced level course.**

Students minoring in business administration should take ECON 2333 and MATH 1203 or MATH 1233 instead of the other options listed under the Academic Foundations and Core Curriculum. Students will also need to take MIS 2003 as a prerequisite to BUAD 3033 above.

**\*Students who take an equivalent course as part of their major may request from the Business Minor advisor to substitute BUAD 3033 with another business course.**

H. Business Administration Undergraduate Course and Catalog Changes, effective fall 2018

BUAD 3033. Business and Economic Statistics

Description: Prerequisite(s): Junior standing or above or consent of the chair, MATH 1203, MATH 1233, or equivalent (MATH 1534, MATH 1634), and MIS 2003 or equivalent (BUAD 2153, CMPS 1013, CMPS 1023, CMPS 1033, CMPS 1043, CMPS 1044, CMPS 2153, EDUC 1023), and may not be taken concurrently.

BUAD 4893. Internship in Business Administration

Prerequisite(s): See requirements under **Academic** Internship Programs in **Dillard College of Business Administration** Requirements for the Bachelor of Business Administration. **Consent of the Dillard College Internship Coordinator, faculty advisor, and instructor.**

Description: Field experience in selected areas of Business Administration ~~with local or regional organizations.~~ May involve a specific project or theoretical integration with the “real world” experience. ~~Must be approved with all paperwork completed prior to registration.~~ **Students are required to log a minimum of 150 hours on the jobsite along with meeting all other course requirements.** A written report and employer evaluation are also required. Total hours granted for internships in all areas of Accounting may not exceed six hours of credit. May be repeated once.

## I. Economics Undergraduate Catalog Changes, effective fall 2018

## Economics Minor

Requirements for a Minor in Economics - 18 semester hours

- \*ECON 2433 - Microeconomic Principles 3
- **15 semester hours of advanced Economics courses which must include one of the following:**

Upper Level Economics—15 semester hours

Which must include:

- ECON 3323 - Intermediate Macroeconomics 3 or
- ECON 3333 - Intermediate Microeconomics 3

**Note(s):**

**Students must complete all prerequisite courses before enrolling in any advanced level course.**

**\* If the student pursuing the minor is also pursuing a major in the Dillard College of Business Administration, then ECON 2433 should be replaced by one additional advanced Economics course approved by the Department Chair.**

Economics minors should take ECON 2333 - Macroeconomic Principles instead of ECON 1333 - General Economics to fulfill the university core. See Academic Foundations and Core Curriculum - 42 semester hours.

**Prerequisites:**

**MATH 1203 or MATH 1233 (or equivalent) is a prerequisite for ECON 2433**

**ECON 2333 and ECON 2433 are prerequisites for ECON 3323 and ECON 3333**

## J. Economics Undergraduate Course and Catalog Changes, effective fall 2018

ECON 2433. Microeconomic Principles

Prerequisite(s): MATH 1203, MATH 1233, **or equivalent (MATH 1534, MATH 1634), and may not be taken concurrently.**

ECON 4893. Internship in Economics

Prerequisite(s): See requirements under **Academic Internship Programs in Dillard College of Business Administration Requirements for the Bachelor of Business Administration. Consent of the Dillard College Internship Coordinator, faculty advisor, and instructor.**

Description: Field experience in selected areas of Economics ~~with local or regional organizations.~~ May involve a specific project or theoretical integration with the “real world” **experience.** ~~Must be approved with all paperwork completed prior to registration.~~ **Students are required to log a minimum of 150 hours on the jobsite along with meeting all other course requirements.** A written report and employer evaluation are also required. Total hours granted for internships in all areas of Accounting may not exceed six hours of credit. May be repeated once.

## K. Entrepreneurship Undergraduate Catalog Changes, effective fall 2018

## Entrepreneurship Minor

Requirements for Minor in Entrepreneurship - 18 semester hours

- <sup>1</sup>ACCT 2143 - Financial Accounting 3
- <sup>2</sup>MKTG 3723 - Principles of Marketing 3
- <sup>3</sup>MGMT 3013 - Organizational Behavior in Business 3
- <sup>4</sup>MGMT 3783 - Entrepreneurship and Management of Small Enterprises 3

Choose two from:

- <sup>5</sup>MGMT 4553 - Independent Study in Management (**Entrepreneurship**) 3
- MGMT 4783 - Entrepreneurial Planning 3
- MGMT 4793 - Entrepreneurial Consulting 3

- <sup>5</sup>MGMT 4893 - Internship in Management 3

**Prerequisites:**

**MATH 1203 or MATH 1233 (or equivalent) is a prerequisite for ACCT 2143 and ECON 2433**

**ECON 2433 is a prerequisite for MKTG 3723**

**MGMT 3013 is a prerequisite for MGMT 4113**

**MKTG 3723 is a prerequisite for MKTG 3763 and MKTG 3823**

Note(s):

Students pursuing a B.B.A. degree need substitutions for some of the courses above, depending on major. Please see Dillard College of Business Administration advisor for appropriate substitutions.

**Students must complete all prerequisite courses before enrolling in any advanced level course.**

**Students not pursuing a BBA major are recommended to use ECON 2433 to satisfy their university core requirement.**

**1. Students with most BBA majors should substitute MGMT 4113 (Leadership) for this course. Management majors substitute MKTG 3823 (Consumer Behavior). Alternatively, all students may substitute an additional “elective” course beyond the two required.**

**2. Students with most BBA majors should substitute MKTG 3763 (Professional Selling) for this course. Marketing majors should substitute MGMT 4613 (Supervisory Management). Alternatively, all students may substitute an additional “elective” course beyond the two required.**

**3. Students with most BBA majors should substitute MIS 3203 (Electronic Commerce) for this course. MIS majors must ensure this course is not part of their majors program. Alternatively, all students may substitute an additional “elective” course beyond the two required.**

**4. Management majors should substitute MKTG 4223 (Retailing) for this course. Alternatively, they may substitute an additional “elective” course beyond the two required.**

**5. Internships or Independent Study courses must be arranged and approved by the Director of the Munir Abdul Lalani Center for Entrepreneurship and Free Enterprise.**

- L. Finance Undergraduate Catalog Changes, effective fall 2018

Finance, B.B.A.

*No changes until...*

Plus 3 semester hours selected from:

FINC 4753 - Advanced Issues in Corporate Finance 3

FINC 4833 - Security Analysis and Portfolio Management 3

FINC 4933 - Student Managed Investment Fund I 3

Plus 12 semester hours selected from:

~~ECON 3323 - Intermediate Macroeconomics 3~~

~~ECON 3333 - Intermediate Microeconomics 3~~

~~ECON 3703 - Money, Banking, and Monetary Policy 3~~

~~ECON 3743 - Public Finance 3~~

FINC 3413 - Principles of Real Estate 3

FINC 3633 - Financial Analysis 3

FINC 3753 - Risk Management and Insurance 3

FINC 4663 - Special Topics in Finance 3

FINC 4753 - Advanced Issues in Corporate Finance 3

OR (whichever course not taken above)

FINC 4833 - Security Analysis and Portfolio Management 3

FINC 4893 - Internship in Finance 3

FINC 4933 - Student Managed Investment Fund I 3 (for students without FINC 4933)

OR

FINC 4943 - Student Managed Investment Fund II 3 (for students with FINC 4933)

**ECON 3323 - Intermediate Macroeconomics 3**

**ECON 3333 - Intermediate Microeconomics 3**

**ECON 3703 - Money, Banking, and Monetary Policy 3**

**ECON 3743 - Public Finance 3**

M. Finance Undergraduate Course and Catalog Changes, effective fall 2018

FINC 4893. Internship in Finance

Prerequisite(s): See requirements under **Academic** Internship Programs in **Dillard College of Business Administration** Requirements for the Bachelor of Business Administration. **Consent of the Dillard College Internship Coordinator, faculty advisor, and instructor.**

Description: Field experience in selected areas of Finance with local or regional organizations. May involve a specific project or theoretical integration with the “real world” **experience.** ~~Must be approved with all paperwork completed prior to registration.~~ **Students are required to log a minimum of 150 hours on the jobsite along with meeting all other course requirements.** A written report and employer evaluation are also required. Total hours granted for internships in all areas of Accounting may not exceed six hours of credit. May be repeated once.

N. Legal Studies Undergraduate Course and Catalog Change, effective fall 2018

LSBA 4893. Internship in Legal Studies in Business Administration

Prerequisite(s): See requirements under **Academic** Internship Programs in **Dillard College of Business Administration** Requirements for the Bachelor of Business Administration. **Consent of the Dillard College Internship Coordinator, faculty advisor, and instructor.**

Description: Field experience in selected areas of Legal Studies in Business Administration with local or regional organizations. May involve a specific project or theoretical integration with the “real world” **experience.** ~~Must be approved with all paperwork completed prior to registration.~~ **Students are required to log a minimum of 150 hours on the jobsite along with meeting all other course requirements.** A written report and employer evaluation are also required. Total hours granted for internships in all areas of Accounting may not exceed six hours of credit. May be repeated once.

O. Management Undergraduate Course and Catalog Change, effective fall 2018

MGMT 4893. Internship in Management

Prerequisite(s): See requirements under **Academic** Internship Programs in **Dillard College of Business Administration** Requirements for the Bachelor of Business Administration. **Consent of the Dillard College Internship Coordinator, faculty advisor, and instructor.**

Description: Field experience in selected areas of Management with local or regional organizations. May involve a specific project or theoretical integration with the “real world” **experience.** ~~Must be approved with all paperwork completed prior to registration.~~ **Students are required to log a minimum of 150 hours on the jobsite along with meeting all other course requirements.** A written report and employer evaluation are also required. Total hours granted for internships in all areas of Accounting may not exceed six hours of credit. May be repeated once.

P. Management Information Systems Undergraduate Catalog Changes, effective fall 2018

Requirements for Minor in Management Information Systems - 18 semester hours

<sup>1</sup>MIS 3003 - Management Information Systems 3

MIS 3123 - Database Design and Management 3

<sup>2</sup>**Approved MIS programming course 3****Three advanced MIS courses approved by Management Information Systems Department Chair**

One approved programming language

(C, C++, COBOL, Visual Basic, or Java)

3 MIS Courses

Three advanced MIS courses approved by MIS Department Chair

**Prerequisite(s):****MIS 2003 (or equivalent) is a prerequisite for MIS 3003 and MIS 3123**

Notes:

**Students must complete all prerequisite courses before enrolling in any advanced level course.**

1. If students pursuing the minor are also pursuing a major in the Dillard College of Business Administration, then MIS 3003 is replaced by one additional advanced MIS course approved by the Department Chair.

**2. Approved programming course approved by Management Information Systems Department Chair.**

- Q. Management Information Systems Undergraduate Course and Catalog Changes, effective fall 2018

MIS 3003. Management Information Systems

Prerequisite(s): Prerequisite(s): MIS 2003 or equivalent (**BUAD 2153, CMPS 1013, CMPS 1023, CMPS 1033, CMPS 1043, CMPS 1044, CMPS 2153, EDUC 1023**) and may not be taken concurrently.

MIS 4893. Internship in Management Information Systems

Prerequisite(s): See requirements under **Academic** Internship Programs in **Dillard College of Business Administration** Requirements for the Bachelor of Business Administration. **Consent of the Dillard College Internship Coordinator, faculty advisor, and instructor.**Description: Field experience in selected areas of Management Information Systems with local or regional organizations. May involve a specific project or theoretical integration with the “real world” **experience**. **Must be approved with all paperwork completed prior to registration. Students are required to log a minimum of 150 hours on the jobsite along with meeting all other course requirements.** A written report and employer evaluation are also required. Total hours granted for internships in all areas of Accounting may not exceed six hours of credit. May be repeated once.

- R. Marketing Undergraduate Course and Catalog Change, effective fall 2018

MKTG 4893. Internship in Marketing

Prerequisite(s): See requirements under **Academic** Internship Programs in **Dillard College of Business Administration** Requirements for the Bachelor of Business Administration. **Consent of the Dillard College Internship Coordinator, faculty advisor, and instructor.**Description: Field experience in selected areas of Marketing with local or regional organizations. May involve a specific project or theoretical integration with the “real world” **experience**. **Must be approved with all paperwork completed prior to registration. Students are required to log a minimum of 150 hours on the jobsite along with meeting all other course requirements.** A written report and employer evaluation are also required. Total hours granted for internships in all areas of Accounting may not exceed six hours of credit. May be repeated once.

13. Dr. Zuckweiler made a motion to adopt the following graduate catalog changes. *Dr. Capps seconded and the motion was adopted. (closed)*

~~Grading System~~ **Graduate Student Academic Performance Standards / Grading System**

1. Letter Grades: Grades of A, B, C, D, F, I, CR, NC, W, WF, WX, and X are recorded for graduate courses. Students will receive credit for grades of A, B, C, and CR only. A grade of CR (Credit) indicates passing work in designated courses. A grade of NC indicates non-credit in designated courses.

Grade Reports: Semester grades may be viewed at the MSU WebWorld site if a student has a current PIN.

2. **Graduate degree-seeking students must maintain a grade point average (GPA) of at least 3.0 to be in good academic standing.**
  - a. **Probation: If a student's cumulative GPA falls below 3.0, the student will be placed on probation.**
    - i. **The first semester a student is placed on probation he/she must attain a 3.0 GPA for the semester.**
    - ii. **If the student earns a 3.0 GPA during his/her first semester on probation but is not able to raise his/her cumulative GPA to 3.0, the student is allowed to stay on probation for another semester.**
    - iii. **If a student fails to raise his/her cumulative GPA to 3.0 by the end of the second semester on probation, the student may be dismissed from the program.**
    - iv. **If D or F grades are received while on probation, student will be dismissed from the program.**
    - v. **Students on probation may enroll for a maximum of 9 credit hours per semester. If a student wishes to take more than 9 credit hours, he/she may petition the Graduate Dean for permission to do so.**
    - vi. **Departments or programs may have additional requirements. Students on probation should consult with their graduate coordinator about department- or program-specific requirements to return to good academic standing.**
  - b. **Dismissal:** A degree-seeking graduate student who has less than a 3.0 semester grade point average for two consecutive semesters may be dismissed. Additionally, each graduate program has the option of dismissing a student at any time due to failure to maintain a **3.0 GPA** or failure to meet other standards established by the individual graduate programs. Students must have a cumulative **3.0 GPA** as well as a **3.0 GPA** in the major and minor fields for graduation.
    - i. **Departments will notify a student in writing of his/her dismissal from a program. The dismissal notice will be addressed to the student from the graduate coordinator, with copies to the department chair, college dean, graduate dean, registrar, and International Student Services (for international students).**
    - ii. **Students may appeal dismissal to a departmental review committee. The review committee may include a representative of the Graduate School upon request of the student.**
    - iii. **A student who is dismissed from one graduate program may apply for admission to a different graduate program. Such application must follow the regular Graduate School admission application and review process.**
3. X Grade: X is the grade used to indicate that a thesis is in progress but not complete. When the thesis is complete, a letter grade is reported.
4. Removal of an I Grade: Graduate students enrolled in 5000- and 6000-level courses have a ninety-day limitation from the beginning of the next long semester for removing an incomplete grade. Graduate students enrolled in 3000- and 4000- level courses have the same limitation as undergraduates on removal of an I. It must be removed thirty days after the beginning of the next long semester.
5. Post-Baccalaureate Standards: The post-baccalaureate student must maintain fourth year academic standards. The academic performance of part-time students will be evaluated when the student has accumulated at least 12 semester hours. A student whose MSU cumulative grade point average is below 2.0 will be placed on academic probation. A student on academic probation who fails to raise the MSU cumulative ~~g.p.a.~~ **GPA** to 2.0 will be on continued probation if the semester average is 2.0. If neither the semester nor cumulative ~~g.p.a.~~ **GPA** is 2.0 the following semester, the student will be placed on academic suspension.
14. Dr. Zuckweiler made a motion to adopt the following graduate changes in Education. *Dr. Capps seconded and the motion was adopted. (closed)*

Degree Consolidation

*Due to low producing programs, consolidation within the current existing programs is requested.*

M.Ed. in School Counseling with M.Ed. in Clinical Mental Health, creating a M.A. in Counseling degree with a Concentration in School Counseling and a Concentration in Clinical Mental Health.

M.A. in Training and Development under M.A. with a Major in Human Resource Development with a Concentration in Training and Development.

M.Ed. in Language and Literacy Studies (formerly Reading Education) under M.Ed. in Curriculum and Instruction as an 18 hour Minor.

15. Dr. Zuckweiler made a motion to adopt the following graduate catalog changes in Education. *Dr. Capps seconded and the motion was adopted. (closed)*

A. Majors

Graduate students seeking the Master of Education degree can major in curriculum and instruction (Initial Teacher Certificate), educational leadership (Principal), ~~instructional design and technology, language and literacy studies (Reading Specialist, Master Reading Teacher, Bilingual Education)~~, special education (may lead to certification as an Educational Diagnostician or Certified Academic Language Therapist), and sport administration. Graduate students seeking the Master of Arts degree can major in **counseling (concentrations in clinical mental health and school counseling) or human resource development.** ~~and training and development.~~

Minors

Graduate minors are offered in bilingual education, early childhood education, instructional design and technology, master mathematics teacher, mathematics, language and literacy studies (**Reading Specialist, Master Reading Teacher**), special education, sport administration, superintendency, teacher leadership, **clinical mental health, school counseling**, and training and development.

Graduate Initial Teacher Certification

Students wishing to obtain initial Texas Teacher Certification should contact the Certification Officer in the West College of Education to obtain a certification plan. Transcripts of all previous college work are necessary to develop this plan.

Professional Development

Students may enroll in graduate courses for professional development and career ladder credit as non-degree seeking graduate students. A maximum of 9 semester post-baccalaureate hours ~~student~~ may be applied to a master's degree.

B. Counseling, Kinesiology, and Special Education

Go to information for Counseling, Kinesiology, and Special Education.

Programs

Major

- ~~Clinical Mental Health~~ **Counseling**, M.A.
- Human Resource Development, M.A.
- ~~School Counseling~~, M.Ed.
- Special Education, M.Ed.
- Sport Administration, M.Ed.
- ~~Training and Development~~, M.A.

**Concentrations**

**Clinical Mental Health**

**School Counseling**

**Training and Development**

Display courses for Counseling, Kinesiology, and Special Education.

C. Curriculum and Learning

Go to information for Curriculum and Learning.

Programs

Major

- Curriculum and Instruction, M.Ed.
- Educational Leadership, M.Ed.
- ~~Instructional Design and Technology, M.Ed.~~
- ~~Language and Literacy Studies, M.Ed.~~

Graduate Minor

- Bilingual Education Minor
- Instructional Design and Technology Minor
- Language and Literacy Studies Minor
- Master Mathematics Teacher Program Minor
- Sport Administration Minor
- Superintendentcy Minor
- Teacher Leadership Minor

Display courses for Curriculum and Learning.

D. ~~Reading Education~~ **Language and Literacy Studies**

- READ 6213 - Foundations of Reading
- READ 6223 - Discipline Literacy
- READ 6243 - Current Trends
- READ 6283 - Practicum in Reading
- READ 6293 - Content Reading
- READ 6303 - Literacy Coaching
- READ 6313 - Reading and Writing Strategies
- READ 6403 - Assessment Practicum
- READ 6903 - Independent Graduate Study in Reading Education
- READ 6953 - Special Graduate Topics in Reading Education

E. ~~Clinical Mental Health~~ **Counseling, M.A. (Clinical Mental Health and School Counseling)**

Mission Statement: The mission of the **Counseling (concentration in Clinical Mental Health)** faculty is to provide counseling students with the most recent research, technology, training, and supervision required to become a Licensed Professional Counselor (LPC). Program faculty are committed to training students who are knowledgeable, ethical, competent, self-aware, and professionally mature, who hold a strong counselor identity and display a respect for diverse populations and multiculturalism. The Clinical Mental Health **concentration Counseling Program** will qualify students as counselors and provide them with the necessary skills to become fully functioning counselors in a variety of related settings and fields to work in an evolving diverse society. The program is teaching-centered with professors. The Master of Arts in **counseling with a concentration** in clinical mental health, is for students who wish to work in various public or private settings, requires 60 semester hours.

**Mission Statement: The mission of the Counseling (concentration in School Counseling) faculty is to equip the counselor with the knowledge and skill necessary to supply guidance and counseling services in a school setting. The school counselor will be able to provide direct counseling to students; consult with parents, teachers and administrators; act as a liaison between the school and outside agencies; and facilitate classroom guidance activities. The graduate program concentration in school counseling prepares students to be public school counselors and requires 60 semester hours. Students are required to pass a comprehensive exam as a program completion requirement. Texas Counselor certification requires completion of an approved master's degree, two years of teaching experience, and a passing score on the state mandated examination, the TExES test and an internship in a school setting.**

Enrollment in courses with the COUN prefix (with the exception of COUN 6013) requires admission to the Master of Arts in clinical mental health program or permission of the Counseling Program Coordinator.

Requirements:

COUN 5103 - Professional Orientation  
~~COUN 5113 - Mediation and Conflict Resolution~~  
~~COUN 5203 - Introduction to Counseling~~  
 COUN 5213 - Human Development and Learning  
 COUN 5223 - Career Development Counseling  
 COUN 5243 - Group Counseling  
 COUN 5253 - Assessment  
 COUN 5263 - Diagnosis and Treatment Planning  
 COUN 5273 - Theories and Techniques of Counseling  
 COUN 5283 - Advanced Counseling Skills  
 COUN 5293 - Practicum in Counseling  
 COUN 5303 - Ethics and Issues in Counseling  
~~COUN 5323 - Marriage and Family Counseling~~  
 COUN 5363 - Multicultural Counseling  
 COUN 6013 - Human Relations  
 COUN 6043 - Graduate Internship (6 hours)  
~~COUN 6953 - Special Graduate Topics in Counseling~~  
 EDUC 5053 - Introduction to Educational Research

Graduate Level Courses - ~~3~~ **6** semester hours

Plus ~~3~~ **6** semester hours of graduate level courses from the following list approved by the Chair of the Counseling Department. Licensure as a professional counselor in Texas requires a 3000-hour internship and a state examination.

**COUN 5113 - Mediation and Conflict Resolution**

COUN 5343 - Introduction to Reality Therapy

~~COUN 6023 - Counseling Children~~

COUN 6953 - Special Graduate Topics in Counseling

**SPED 5013 - Exceptional Individuals**

**Concentrations:**

**Concentration 1: Clinical Mental Health (9 hours)**

**COUN 5203 Introduction to Counseling**

**COUN 5323 Marriage and Family Counseling**

**COUN 6953 Special Graduate Topics in Counseling**

**Concentration 2: School Counseling (9 hours)**

**COUN 5233 Comprehensive School Counseling Services**

**COUN 5403 Introduction to School Counseling**

**COUN 6023 Counseling Children**

F. School Counseling, M.Ed.

~~School Counseling, M.Ed.~~

Return to: Gordon T. and Ellen West College of Education



~~Mission Statement: The graduate program in school counseling will equip the counselor with the knowledge and skill necessary to supply guidance and counseling services in a school setting. The school counselor will be able to provide direct counseling to students; consult with parents, teachers and administrators; act as a liaison between the school and outside agencies; and facilitate classroom guidance activities.~~

~~The graduate program in school counseling prepares students to be public school counselors and requires 60 semester hours. Students are required to pass a comprehensive exam as a program completion requirement. Texas Counselor certification requires completion of an approved master's degree, two years of teaching experience, and a passing score on the state mandated examination, the TExES test and an internship in a school setting. Enrollment in courses with the COUN prefix (with the exception of COUN 6013) requires admission to the Master of Education in school counseling program or permission of the Counseling Program Coordinator.~~

~~\*\*CATALOG CHANGE\*\* Effective Spring~~

~~2017 Requirements:~~

- ~~COUN 5113—Mediation and Conflict Resolution~~
  - ~~COUN 5213—Human Development and Learning~~
  - ~~COUN 5223—Career Development Counseling~~
  - ~~COUN 5233—Comprehensive School Counseling Services~~
  - ~~COUN 5243—Group Counseling~~
  - ~~COUN 5253—Assessment~~
  - ~~COUN 5273—Theories and Techniques of Counseling~~
  - ~~COUN 5283—Advanced Counseling Skills~~
  - ~~COUN 5293—Practicum in Counseling~~
  - ~~COUN 5303—Ethics and Issues in Counseling~~
  - ~~COUN 5363—Multicultural Counseling~~
  - ~~COUN 5403—Introduction to School Counseling~~
  - ~~COUN 6013—Human Relations~~
  - ~~COUN 6023—Counseling Children~~
  - ~~COUN 6043—Graduate Internship (6 hours)~~
  - ~~EDUC 5053—Introduction to Educational Research~~
  - ~~COUN 5263—Diagnosis and Treatment Planning~~
  - ~~or~~
  - ~~SPED 5013—Exceptional Individuals~~
- ~~Plus three (3) semester hours from the following list:~~

- ~~COUN 5323—Marriage and Family Counseling~~
- ~~COUN 5343—Introduction to Reality Therapy~~
- ~~COUN 6953—Special Graduate Topics in Counseling~~

COUN 5103—Pro

COUN 5263—Dis

#### G. Human Resource Development, M.A.

Return to: Gordon T. and Ellen West College of Education

Mission Statement: The Master of Arts with a major in human resource development, which requires 39 semester hours, prepares individuals to work in business, industry, or government in employee assistance, training, or employee development programs. Upon completion of this degree students will have the foundation to impart knowledge, change attitudes, and increase skills.

A candidate may be required to submit a graduate portfolio to the graduate committee as part of the written comprehensive examination. The portfolio consists of selected papers demonstrating the student's research competence, audio or video tapes demonstrating counseling competence, and the results of a written comprehensive examination demonstrating informational and theoretical mastery. Enrollment in courses with the COUN prefix (with the exception of COUN 6013) requires admission to the Master of Arts in human resource development program or permission of the Counseling Program Coordinator.

Requirements:

COUN 5103 - Professional Orientation  
COUN 5113 - Mediation and Conflict Resolution  
COUN 5223 - Career Development Counseling  
COUN 5333 - Employee Assistance Issues  
COUN 5373 - Human Resource Development Ethical Issues  
COUN 6013 - Human Relations  
COUN 6073 - Communication Skills for Human Resource Development  
COUN 6943 - Graduate Seminar in Human Resource Development  
EDUC 5053 - Introduction to Educational Research  
EDUC 5513 - Introduction to Training and Development  
EDUC 5523 - Trends and Issues in Training and Development  
EDUC 5533 - Instructional Strategies for Adult Learners  
EDUC 5583 - Graduate Internship in Training and Development

Please Note the Following:

Students enrolled in the Master of Arts in Human Resource Development program at off-campus MSU locations may substitute approved courses for the following courses:

COUN 5113 - Mediation and Conflict Resolution  
COUN 5203 - Introduction to Counseling  
COUN 5373 - Human Resource Development Ethical Issues  
COUN 6943 - Graduate Seminar in Human Resource Development

**M.A. with a major in Human Resource Development with a concentration in Training and Development.**

**COUN 5103 - Professional Orientation**

**COUN 5333- Employee Assistance Issues**

**COUN 5373 - Human Resource Development Ethical Issues**

**COUN 6013 - Human Relations**

**COUN 6073 - Communication Skills for Human Resource Development**

**COUN 6943 - Graduate Seminar in Human Resource Development**

**EDUC 5053 - Introduction to Educational Research**

**EDUC 5513 - Introduction to Training and Development**

**EDUC 5523 - Trends and Issues in Training and Development**

**EDUC 5533 - Instructional Strategies for Adult Learners**

**EDUC 5543- Instructional Systems Design**

**EDUC 5583 - Graduate Internship in Training and Development**

**IDT 5123- Instructional Technology Design or IDT 5143-Multimedia Development 1**

~~Training and Development, M.A.~~

~~Return to: Gordon T. and Ellen West College of Education~~

~~Mission Statement: The Master of Arts with a major in training and development, which requires 39 semester hours, prepares students for a career in training and development for business and industry. Upon completion of this degree, students will have the foundation to provide employees the skills they need to perform their current or future job and to solve organizational problems.~~

~~Requirements:~~

~~COUN 5103 – Professional Orientation~~

~~COUN 6013 – Human Relations~~

~~EDUC 5053 – Introduction to Educational Research~~

~~EDUC 5513 – Introduction to Training and~~

~~Development~~

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.

~~EDUC 5523—Trends and Issues in Training and Development~~  
~~EDUC 5533—Instructional Strategies for Adult Learners~~  
~~EDUC 5543—Instructional Systems Design~~  
~~EDUC 5583—Graduate Internship in Training and Development~~  
~~IDT 5103—Digital Literacies: Navigate, Evaluate, and Create~~  
~~IDT 5143—Multimedia Development I~~  
~~COUN 5373—Human Resource Development Ethical Issues~~

or

~~COUN 6943—Graduate Seminar in Human Resource Development Electives—6 semester hours~~

~~Six (6) semester hours of electives must be approved in advance by the program coordinator for training and development.~~

Note:

~~Students who pass the Technology Proficiency Assessment may substitute a course with the consent of the program coordinator for training and development.~~

15. Dr. Zuckweiler made a motion to adopt the following graduate catalog changes in Exercise Physiology.  
*Dr. Capps seconded and the motion was adopted. (closed)*

New Course Addition, effective Summer 2018

**EXPH 5936. British-Studies-Exercise Medicine: An Examination of Practices**

**Prerequisite(s): Graduate Student status**

**Description: To develop an appreciation and recognition of the practical skills required for utilizing Exercise Medicine as a preventative and/or therapeutic modality in health care. This course will allow students to investigate preventative health care through exercise programming in the United Kingdom. Healthcare professionals in both the UK and the US are urged to prescribe “Exercise Medicine”. Thus, Exercise Physiologists are primed to play a key role in the development of exercise prescriptions for the prevention and treatment of chronic disease as well as general fitness and sport performance. Students will determine the level of exercise physiological adaptation as a medical treatment for prevention and treatment of chronic diseases.**

**Lecture 6(6-0)**

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

- 1. To research and investigate venues of exercise and movement (i.e., walking paths, bike lanes, parks, workout facilities) in the United Kingdom (UK). Students will determine through class data collection procedures the scientific and physiological impact associated with these venues.**
- 2. To investigate preventative and rehabilitative health care through Exercise Medicine. This will include specific pathologies and the impact regular exercise has on these pathologies. In addition, the students will know, specifically the physiological consequences exercise has related to prevention or treatment of these pathologies.**
- 3. The students will determine how sport performance training programs may provide insight into Exercise Medicine for health care.**
- 4. The students will compare and contrast the aforementioned objectives between that observed in the UK and that observed in the USA.**
- 5. Lastly, the students will compile quantitative data from the aforementioned objectives, establish a literature review, statistically analyze the findings, determine a summary outcome: this will be done in a research paper format.**

16. Dr. Zuckweiler made a motion to adopt the following graduate catalog changes in Public Administration.  
*Dr. Fidelie seconded and the motion was adopted. (closed)*

Catalog Changes, effective fall 2018

*At the Academic Council meeting of 7/17/13, it was determined that the MPA-PUAD:*

- 1. Last admission into the MPA would be Fall 2013.*

2. *Student must graduate by Fall 2018.*

#### Public Administration

- ~~PUAD 5001 Directed Research in Public Administration~~
- ~~PUAD 5002 Directed Research in Public Administration~~
- ~~PUAD 5003 Directed Research in Public Administration~~
- ~~PUAD 5023 Quantitative Methods in Public Administration~~
- ~~PUAD 5033 Advanced Quantitative Methods in Public Administration~~
- ~~PUAD 5133 Public Administration~~
- ~~PUAD 5143 Ethics in the Public Sector~~
- ~~PUAD 5163 Intergovernmental Administrative Problems~~
- ~~PUAD 5253 Comparative Administration of Justice~~
- ~~PUAD 5263 Legal Issues of State and Local Government~~
- ~~PUAD 5363 Administration of Justice~~
- ~~PUAD 5373 Management in Criminal Justice Agencies~~
- ~~PUAD 5383 Justice and Society~~
- ~~PUAD 5723 Non Profit Management~~
- ~~PUAD 5733 Leadership and Teamwork~~
- ~~PUAD 5803 State and Local Government Management~~
- ~~PUAD 5813 Public Works Administration~~
- ~~PUAD 5823 Economic Development~~
- ~~PUAD 5833 Community Development~~
- ~~PUAD 5923 Organizational Theory and Behavior~~
- ~~PUAD 5933 Human Resource Management in Government~~
- ~~PUAD 5943 Public Budgeting and Fiscal Administration~~
- ~~PUAD 5953 Public Law Administration~~
- ~~PUAD 5963 Capstone: Case Studies in Decision Making~~
- ~~PUAD 6003 Special Graduate Topics in Public Administration~~
- ~~PUAD 6033 Special Graduate Topics in Administration of Justice~~
- ~~PUAD 6053 Graduate Seminar in Public Policy Analysis~~
- ~~PUAD 6063 Graduate Seminar in Advanced Research~~
- ~~PUAD 6093 Graduate Internship~~
- ~~PUAD 6983 Thesis~~
- ~~PUAD 6993 Thesis~~

#### Additional Information

- Dr. Camacho invited everyone to attend the upcoming Fine Arts events. They include concerts, a Senior Exhibition in Art, Mass Communication Senior Documentary Screenings, and a Theatre play. You can view the Fine Arts website for their calendar of events with details.
- Dr. Brown Marsden reported the Texoma Min Maker Faire® was a great success. Participants included faculty and students from the College of Science and Mathematics, the Lamar D. Fain College of Fine Arts, the Prothro-Yeager College of Humanities and Social Sciences, and the Robert D. and Carol Gunn College of Health Sciences and Human Services.
- Dr. Brown Marsden reported that last week, over 80 junior high school girls from the local area participated in the Math, Science, and U (MSU) Conference. The conference teaches girls about women who have made careers in math and science fields traditionally held by men.
- Dr. Mills announced that International Education had a good turnout of students at the information sessions for British Studies. Enrollment numbers for the program look strong.
- Dr. Mills reminded everyone that the MSU Men's Soccer Team is competing Thursday night in the NCAA 2017 Division II Men's Soccer Championship playoffs. The match begins at 7 p.m. in Mustangs Park. MSU, ranked #1, will play against Colorado School of Mines, ranked #8.
- Dr. Capps reminded everyone that the EURECA Forum is Thursday, November 16, in the Clark Student Center.
- Dr. Capps announced that Dr. Kym Acuna, Assistant Professor of Educational Leadership and Technology, and Dr. Jeremy Duff, Associate Professor of Political Science, combined to teach a Learning Community Course that resulted in a children's book being written, illustrated, and published by students in the course.

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

- Ms. Schulte reported that the MSU Football team will compete against the University of Sioux Falls this Saturday at Memorial Stadium at 1p.m. This will be the opening round of the NCAA 2017 Division II Football Championship playoffs.

Respectfully submitted.

Deb Schulte  
Assistant to the Provost