

# Academic Council Minutes

## March 16, 2022

### Midwestern State University

The Academic Council met Wednesday, March 16, 2022 at 2 p.m. in the Dillard College of Business Administration, the Priddy Conference Room.

#### Voting members:

Dr. Marcy Brown Marsden, Dean, McCoy College of Science, Mathematics, and Engineering  
Dr. Jim Sernoe, Interim Dean, Lamar D. Fain College of Fine Arts  
Dr. Leann Curry, Interim Dean, Gordon T. and Ellen West College of Education  
Dr. Jeff Killion, Dean, Robert D. and Carol Gunn College of Health Sciences and Human Services  
Dr. Jeff Stambaugh, 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  
Dr. Marcos Lopez, Faculty Senate representative  
Ms. Brittany Roberts, Student Government Association (absent from meeting)

#### Other Attendees:

Dr. Kristin Garrison, Associate VP Academic Affairs  
Ms. Cortny Bates, University Librarian  
Ms. Leah Hickman, Senior Associate Director Admissions  
Dr. Michael Mills, Director, Global Education  
Ms. Jamie Wilson, Senior Associate Registrar  
Ms. Jenny Denning, Manager MSU Bookstore  
Ms. Elizabeth Lewandowski, Chair, Core Curriculum Committee and Professor, Theatre, Lamar D. Fain College of Fine Arts

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

#### **Approval of Minutes**

The February 2022 minutes were discussed. Dr. Zuckweiler made a motion to approve, Dr. Killion seconded the motion, and the minutes were approved.

#### **Old Business**

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

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.

## New Business

1. Ms. Lewandowski made a motion to adopt the following core curriculum changes for Fall 2022 for classes that already exist under Language Philosophy and Culture that will also be listed under Cultural and Global Understanding. Dr. Watson seconded and the motion was adopted. (closed)

### Core Course Catalog Changes for Foundational Component Area – Language, Philosophy & Culture

Department of English, Humanities, and Philosophy  
Submitted by Dr. Tyler M. Williams

Course Prefix: PHIL

Course Number: 2503

Course Title: History of Western Philosophy I

(Texas Common Core Number: PHIL 2316 Classical Philosophy)

Prerequisite(s): May not be taken if student has received credit for PHIL 4503

Description: This course provides a historical and theoretical overview of Western philosophy from classical antiquity through the end of the Middle Ages.

Lec/Lab Hrs: 3(3-0)

Type of Course: Lecture

Foundational Component Area (FCA) and Component Area Option (CAO) for Inclusion

Proposing the course for inclusion under **FCA and CAO:**

**Cultural and Global Understanding**

### Core Course Catalog Changes for Foundational Component Area – Language, Philosophy & Culture

Department of English, Humanities, and Philosophy  
Submitted by Dr. Tyler M. Williams

Course Prefix: PHIL

Course Number: 2513

Course Title: History of Western Philosophy II

Prerequisite(s): May not be taken if student has received credit for PHIL 4513

Description: This course provides a historical and theoretical overview of Western philosophy from the early modern period through the present.

Lec/Lab Hrs: 3(3-0)

Type of Course: Lecture

Foundational Component Area (FCA) and Component Area Option (CAO) for Inclusion

Proposing the course for inclusion under **FCA and CAO:**

**Cultural and Global Understanding**

2. Dr. Stambaugh made a motion to adopt the following undergraduate course and catalog changes. Dr. Brown Marsden seconded and the motion was adopted. (closed)

### 2022-2023 Undergraduate Catalog Changes by Dillard College

Academic Programs - by College – Dillard College of Business Administration – Departments, Programs and Courses – Management and Marketing – Programs – Minor – Nonprofit Management Minor

Requirements for Minor in Nonprofit Management - 15-16 semester hours

- 
- BUAD 3603 - Business Practices for Nonprofits 3
  - MGMT 3613 - Nonprofit Organizations and Society 3
  - MGMT 3623 - Strategic and Human Management of Nonprofit Organizations

MGMT 3623 - Strategic and Human Management of ~~Nonprofit~~ **in** Organizations

---

3 (3-0)

Prerequisite(s): Junior standing or above or consent of the chair.

~~Overview of strategic planning processes in nonprofit organizations. Introduction to board of directors' roles, recruitment, and governance. Introduction to recruitment, employment, and retention of volunteers and paid staff, with an emphasis on issues unique to nonprofits. Course provides an in-depth, analytical study of human resource management and the tasks of the modern human resource managers in nonprofit and for-profit organizations. Students develop an understanding of the strategic use of human assets and implementation of human resource policies, such as board of directors, recruitment, and governance, employment, retention of paid staff and volunteers, to achieve competitive advantage.~~

Course Catalog ChangesChange of Course Title and Course Description – Effective Fall 2022

Course Prefix: MGMT

Course Number: 3623

Course Title: Strategic & Human Management ~~in~~ of Nonprofit Organizations

Prerequisite(s):

Description: ~~Overview of strategic planning processes in nonprofit organizations. Introduction to board of directors' roles, recruitment, and governance. Introduction to recruitment, employment, and retention of volunteers and paid staff, with an emphasis on issues unique to nonprofits.~~

**Course provides an in-depth, analytical study of human resource management and the tasks of the modern human resource managers in nonprofit and for-profit organizations. Students develop an understanding of the strategic use of human assets and implementation of human resource policies, such as board of directors, recruitment, and governance, employment, retention of paid staff and volunteers, to achieve competitive advantage.**

3. Dr. Sernoe made a motion to adopt the following undergraduate course and catalog changes. Dr. Killion seconded and the motion was adopted. (closed)

Major in Mass Communication - 39 hours

- MCOM 1233 - Mass Media and Society
- ~~MCOM 1243 - Media Writing and Reporting~~
- MCOM 2213 - Appreciation of Film
- MCOM 3223 - Advertising
- MCOM 3313 - Foundations in Media Production
- MCOM 3613 - Field and Studio Media Production
- MCOM 3733 - Media Ethics
- MCOM 4183 - Internship
- MCOM 4243 - Senior Production

(A 3.0 grade point average in the major and minor is required prior to enrollment in MCOM 4243.)

- ~~MCOM 4313 - Media Management~~
- MCOM 4323 **2833** - Web Site Design
- MCOM 4643 - Mass Communication Law
- SPCH 2423 - Interpersonal Communication

**MCOM 1603 - Writing for the Communication Professions**

**MCOM 3513 - Special Topics in Mass Communication**

4. Dr. Sernoe made a motion to adopt the following undergraduate course and catalog changes. Dr. Lopez seconded and the motion was adopted. (closed)

### Minor - 18 hours

---

(Mass communication majors must complete one of the following minors.)

#### Broadcasting:

---

- ~~MCOM 3623 – Mass Communication History~~
- ~~MCOM 4223 – Data for Communicators~~
- MCOM 4263 - Broadcast News I **Advanced Media Production I**
- MCOM 4363 - Broadcast News II **Advanced Media Production II**
- ~~MCOM 4423 – Multimedia~~
- ~~MCOM 4533 – Advanced Reporting/Writing~~

~~MCOM 4243~~ **2243 - Media Writing and Reporting**

**MCOM 3103 - Photojournalism**

#### One of:

**MCOM 3623 - Mass Communication History**

~~MCOM 4313 - Media Management~~ **Media Arts Entrepreneurship**

#### One of:

**MCOM 4223 - Data For Communicators**

~~MCOM 4423 - Multimedia~~ **Emerging Media**

**MCOM 2403 - Social Media**

**MCOM 4533 - Advanced Reporting/Writing**

**MCOM 4003 - Sports Journalism**

**MCOM 4503 - Arts/Entertainment Journalism**

~~MCOM 4463 - Broadcast News III~~ **Digital Film Production**

#### Digital Media:

---

- MCOM 2403 - Social Media
- MCOM 2523 - The Internet and Society
- MCOM 3253 - Publication Design
- MCOM 4223 - Data for Communicators
- ~~MCOM 4423 - Multimedia~~ **Emerging Media**
- ~~MCOM 4533 – Advanced Reporting/Writing~~

**One of:****MCOM 4163 - Newspaper Practicum****MCOM 4193 - Yearbook Practicum**MCOM 4263 - ~~Broadcast News I~~ **Advanced Media Production I**MCOM 4823 - ~~Integrated Marketing Communication~~ **MSU Client Services Practicum I****MCOM 3233 - Editing**MCOM 4313 - ~~Media Management~~ **Media Arts Entrepreneurship****MCOM 4533 - Advanced Reporting/Writing****MCOM 3103 - Photojournalism**MCOM ~~4243~~ **2243 - Media Writing and Reporting****MCOM 3883 - Social Media Campaigns****Journalism: Multimedia Journalism**

- 
- MCOM 3233 - Editing
  - MCOM ~~3253~~ - Publication Design
  - MCOM ~~3623~~ - Mass Communication History
  - MCOM ~~4163~~ - Newspaper Practicum
  - MCOM ~~4223~~ - Data for Communicators
  - MCOM ~~4533~~ - Advanced Reporting/Writing

MCOM ~~4243~~ **2243 - Media Writing and Reporting****MCOM 3103 - Photojournalism****One of:****MCOM 3623 - Mass Communication History**MCOM 4313 - ~~Media Management~~ **Media Arts Entrepreneurship****One of:****MCOM 4163 - Newspaper Practicum****MCOM 4193 - Yearbook Practicum**MCOM 4263 - ~~Broadcast News I~~ **Advanced Media Production I****One of:****MCOM 2403 - Social Media****MCOM 3253 - Publication Design****MCOM 4223 - Data For Communicators****MCOM 4533 - Advanced Reporting/Writing****MCOM 4003 - Sports Journalism****MCOM 4503 - Arts/Entertainment Journalism**

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.

## Public Relations and Advertising:

---

- MCOM 3233 - Editing
- MCOM 3253 - Publication Design
- ~~MCOM 3823 - Creation of the Advertising Message~~
- ~~MCOM 4673 - Public Relations Writing~~
- MCOM 4683 - Public Relations Principles
- MCOM 4823 - ~~Integrated Marketing Communication~~ **MSU Client Services Practicum I**

## **MCOM 4923 - MSU Client Services Practicum II**

One of:

**MCOM 2403 - Social Media**

**MCOM 4703 - Event Planning**

**MCOM 3823 - Creation of the Advertising Message**

MCOM 4313 - Media Management **Media Arts Entrepreneurship**

MCOM 4263 - Broadcast News I **Advanced Media Production I**

**MCOM 3883 - Social Media Campaigns**



5. Dr. Sernoe made a motion to adopt the following undergraduate course and catalog changes. Dr. Curry seconded and the motion was adopted. (closed)

PROPOSED NEW MINOR:

**DIGITAL FILM PRODUCTION (18 hours)**

MCOM 4263 - ~~Broadcast News I~~ **Advanced Media Production I**

MCOM 4463 - ~~Broadcast News III~~ **Digital Film Production**

**MCOM 3103 - Photojournalism**

MCOM 4313 - ~~Media Management~~ **Media Arts Entrepreneurship**

**ART 1333 - Computers For Artists**

**ART ~~2723~~ 2733 - Animation for Non-Majors**

*(changed 6/2022 by Registrar's Office; number 2723 previously used)*

PROPOSED NEW MINOR:

**MULTIMEDIA PRODUCTION (18 hours)**

MCOM ~~4243~~ **2243 - Media Writing and Reporting**

**MCOM 3253 - Publication Design**

MCOM 4423 - ~~Multimedia~~ **Emerging Media**

MCOM 4263 - ~~Broadcast News I~~ **Advanced Media Production I**

**One of:**

**MCOM 4163 - Newspaper Practicum**

**MCOM 4193 - Yearbook Practicum**

MCOM 4363 - ~~Broadcast News II~~ **Advanced Media Production II**

MCOM 4463 - ~~Broadcast News III~~ **Digital Film Production**

MCOM 4823 - ~~Integrated Marketing Communication~~ **MSU Client Services Practicum I**

**One of:**

**MCOM 3233 - Editing**

**MCOM 3623 - Mass Communication History**

MCOM 4313 - ~~Media Management~~ **Media Arts Entrepreneurship**

**MCOM 4223 - Data For Communicators**

**MCOM 2403 - Social Media**

**MCOM 4533 - Advanced Reporting/Writing**

**MCOM 3103 - Photojournalism**

**MCOM 4003 - Sports Journalism**

**MCOM 4503 - Arts/Entertainment Journalism**

6. Dr. Sernoe made a motion to adopt the following undergraduate course and catalog changes. Dr. Watson seconded and the motion was adopted. (closed)

Course Catalog Changes – Effective Fall 2022

New Course Additions:

Course Prefix: Art

Course Number: 2723

Course Title: Animation For Non-Majors

Prerequisite(s): None

Description: Animation design through Animate, Photoshop and After Effects. Use of storyboards and skills involving interface design. Special attention to concept design and creative problem solving.

Lec/Lab Hrs: 3(2-4)

Type of Course: Lecture

Course Objectives:

- Learning the techniques of animation through different platforms.
- Developing proper story-telling ability.
- Advancement of student's technical knowledge.

Course Prefix: MCOM

Course Number: 1603

Course Title: Writing For The Communication Professions

Prerequisite(s): None

Description: This course is designed to give students the basic skills needed to write for the print and broadcast media, public relations, advertising and digital media. Emphasis will be placed on learning the proper format for each medium as well as accuracy, technical ability, fairness, coherence and speed in writing.

Lec/Lab Hrs: 3(3-0)

Type of Course: Lecture

Course Objectives:

- Learning the proper format for each medium.
- Attaining accuracy, technical ability, fairness, coherence and speed in writing.
- Gaining an appreciation for, and a better ability with, the “nuts and bolts” of good writing: spelling, grammar, sentence structure, style, punctuation and clarity.
- Attaining the basis to move to the next classes in the major, Media Writing and Reporting (MCOM 2243), Editing (MCOM 3233), Public Relations Principles (MCOM 4683), and Foundations of Media Production (MCOM 3313).

Course Prefix: **MCOM**

Course Number: **3883**

Course Title: **Social Media Campaigns**

Prerequisite(s): **MCOM 3223 or MCOM 4683, Junior Standing**

Description: **This course focuses on creating public relations campaigns through various social media platforms. Students will learn how to design PR campaigns through social media platforms and the key components that make social media campaigns successful. Emphasis is on understanding PR's strategic management function and developing professional PR communication campaigns using social media strategies.**

Lec/Lab Hrs: **3(3-0)**

Type of Course: **Lecture**

Course Objectives:

- **Understanding basics of social media strategies.**
- **Understanding basics of public relations campaigns.**
- **Developing the necessary skills to succeed in using social media for promotion, event planning, fund-raising and other public relations functions.**
- **Working through the problem-solving processes involved with social media campaigns.**

Course Prefix: **MCOM**

Course Number: **4003**

Course Title: **Sports Journalism**

Prerequisite(s): **MCOM 1243 or MCOM 2243**

Description: **Principles of and practice in writing and reporting sports for print, broadcast and digital media.**

Lec/Lab Hrs: **3(3-0)**

Type of Course: **Lecture**

Course Objectives:

- **Practicing and improving the student's abilities in relevant areas including writing/reporting, producing video, photography, page design, and editing.**
- **Attaining accuracy, technical ability, fairness, coherence and speed in one's work.**
- **Learning proper habits and skills in a professional environment.**

Course Prefix: MCOM

Course Number: 4193

Course Title: Yearbook Practicum

Prerequisite(s): Consent of Instructor or Dept. Chair

Description: Participation on the staff of the campus yearbook, The Wai-Kun. May be repeated once for credit.

Lec/Lab Hrs: 3(3-0)

Type of Course: Lecture

Course Objectives:

- Practicing and improving the student's abilities in relevant areas including photography, page design, advertising sales, writing/reporting and editing.
- Attaining accuracy, technical ability, fairness, coherence and speed in one's work.
- Learning proper habits and skills in a professional environment

Course Prefix: MCOM

Course Number: 4503

Course Title: Arts and Entertainment Journalism

Prerequisite(s): MCOM 1243 or MCOM 2243

Description: Principles of and practice in writing and reporting on arts and entertainment topics for print, broadcast and digital media.

Lec/Lab Hrs: 3(3-0)

Type of Course: Lecture

Course Objectives:

- Practicing and improving the student's abilities in relevant areas including writing/reporting, producing video, photography, page design, and editing.
- Attaining accuracy, technical ability, fairness, coherence and speed in one's work.
- Learning proper habits and skills in a professional environment.

Course Prefix: MCOM

Course Number: 4563

Course Title: Advanced Media Production For Non-Majors

Prerequisite(s): Consent of Instructor or Department Chair

Description: Developing, writing, and directing visual communication projects. Students work with clients in their fields of study to create marketing materials, cinema projects and/or podcasts while expanding their media production and interpersonal skills, with special attention given to student creative control and choice. Lectures and demonstrations focus on building new skills with Adobe Creative production software.

Lec/Lab Hrs: 3(3-0)

Type of Course: Lecture

Course Objectives:

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.

- **Students whose majors are not mass communication will develop skills to produce video, digital and/or written material for clients within their specific fields.**
- **Students will learn proper habits and skills in a professional environment.**

Course Prefix: **MCOM**

Course Number: **4703**

Course Title: **Event Planning**

Prerequisite(s): **MCOM 3223 or MCOM 4683, Junior Standing**

Description: **Principles of and practice in planning events such as fund-raisers, corporate events, weddings, conventions and trade shows.**

Lec/Lab Hrs: **3(3-0)**

Type of Course: **Lecture**

Course Objectives:

- **Understanding the business of event planning.**
- **Developing the necessary skills to succeed in event planning, including strategic vision, attention to detail and working with a wide range of personalities.**
- **Working through the problem-solving processes involved with event planning.**

Course Prefix: **MCOM**

Course Number: **4923**

Course Title: **MSU Client Services Practicum II**

Prerequisite(s): **MCOM 4823**

Description: **Students assume leadership roles in the department's student-run creative boutique agency.**

Lec/Lab Hrs: **3(3-0)**

Type of Course: **Lecture**

Course Objectives:

- **Students will build on what they learned in prerequisite course, MCOM 4823.**
- **Students will learn proper habits and skills in a professional environment.**
- **Students will learn best practices as leaders in a professional advertising and public relations environment.**

Change of Course Title, Prerequisite, and Description:

Course Prefix: MCOM

Course Number: 4263

Course Title: ~~Broadcast News I~~ **Advanced Media Production I**

Prerequisite(s): **MCOM 1603 and** MCOM 3613

Description: Gathering, writing and presenting a television news product **Pitching, writing, and producing a media program** under a deadline. Developing news judgment, understanding of the

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.

complexities of the visual aspect of broadcast journalism, and ethics are stressed. **Students develop and create multimedia productions that build advanced technical skills within their chosen emphasis, with special attention given to student creative control and choice. Lectures and demonstrations focus on current and emerging production theory as well as lessons in media distribution.**

Course Prefix: MCOM

Course Number: 4313

Course Title: ~~Media Management~~ **Media Arts Entrepreneurship**

Prerequisite(s): ~~MCOM 1243, MCOM 3313,~~ Junior Standing

Description: ~~Study of the financial, legal, technical, operational, programming, production and personnel aspects of managing a media organization.~~ **Introduction to business, marketing and financial aspects of media and fine arts organizations, covering for-profit, non-profit and individual ventures.**

Course Prefix: MCOM

Course Number: 4363

Course Title: ~~Broadcast News II~~ **Advanced Media Production II**

Prerequisite(s): **MCOM 1603 and** MCOM 3613

Description: Building on a variety of skills acquired in MCOM 4263 – Advanced Media Production I, this class focuses on broadcast performance, ethics, and non-linear editing **media performance, leadership, ethics, and advanced non-linear editing skills, with special attention given to student creative control and choice.**

Course Prefix: MCOM

Course Number: 4423

Course Title: ~~Multimedia~~ **Emerging Media**

Prerequisite(s): **MCOM 1603,** ~~MCOM 1243,~~ MCOM 3313

Description: ~~Students will learn the basics of integrating several media in the Internet, including print, audio, video, and graphics. Emphases will include technical proficiency in various software applications, aesthetic considerations, and understanding new technologies.~~ **Analysis and effective usage of current and emerging media in professional environments.**

Course Prefix: MCOM

Course Number: 4463

Course Title: ~~Broadcast News III~~ **Digital Film Production**

Prerequisite(s): **MCOM 3313, MCOM 4263** ~~MCOM 4363~~

Description: ~~Building on a variety of skills acquired in MCOM 4363, this class focuses on broadcast performance, production, ethics and non-linear editing.~~

**Developing, writing, and directing short form film productions. Students produce short films handling all aspects of preproduction, production and postproduction, with special attention given to student creative control and choice. Lectures and demonstrations focus on current and emerging production theory as well as lessons in media distribution.**

Course Prefix: MCOM

Course Number: 4823

Course Title: ~~Integrated Marketing Communication~~ **MSU Client Services Practicum I**

Prerequisite(s): MCOM 3223, MCOM 3823, MCOM 4683, **Junior Standing**

Description: ~~Application of advertising and PR principles to develop a comprehensive campaign for a specified client. Students develop research, strategic planning and decision-making skills.~~

**Students participate in campaigns, event-planning, promotion and other agency services for advertising and public relations clients as part of the department's student-run creative boutique agency.**

Change of Course Prerequisite and Description:

Course Prefix: MCOM

Course Number: 3253

Course Title: Publication Design

Prerequisite(s): ~~MCOM 1243~~ **Sophomore standing**

Description: The use of layout and design principles to create eye-appealing and readable ~~newspapers, magazines, newsletters, brochures, and flyers~~ **publications**. Theoretical and practical applications of ~~graphics and electronic picture editing~~ **presentation and packaging skills for publications** are incorporated into the course.

Change of Course Number:

Course Prefix: MCOM

Course Number: ~~1243~~ **2243**

Course Title: Media Writing and Reporting

Course Prefix: MCOM

Course Number: ~~4323~~ **2833**

Course Title: Web Site Design

Change of Course Prerequisite:

Course Prefix: MCOM

Course Number: 3233

Course Title: Editing

Prerequisite(s): **MCOM 1603** or MCOM 1243 **or MCOM 2243**

Course Prefix: MCOM  
 Course Number: 3313  
 Course Title: Foundations of Media Production  
 Prerequisite(s): **MCOM 1603**

Course Prefix: MCOM  
 Course Number: 4223  
 Course Title: Data for Communicators  
 Prerequisite(s): ~~MCOM 1243, MCOM 3313~~ **Sophomore standing**

Course Prefix: MCOM  
 Course Number: 4533  
 Course Title: Advanced Reporting and Writing  
 Prerequisite(s): MCOM 1243 **or MCOM 2243**

Change of Course Description:

Course Prefix: MCOM  
 Course Number: 4683  
 Course Title: Public Relations Principles  
 Prerequisite(s): None

Description: ~~Study of public relations' historical and theoretical contexts, as well as PR's role in solving organizational problems and shaping an organization's image.~~

**This course provides a broad understanding of the nature of public relations and its impact on society. Students will also learn various public relations techniques such as media relations, copy editing, press release writing, event planning, and social media management. Students will conduct research and analyze information that promotes understanding of PR principles and explore various scenarios to develop their PR skills.**

Deletion of Course:

Course Prefix: ~~MCOM~~  
 Course Number: ~~4673~~  
 Course Title: ~~Public Relations Writing~~



6. Dr. Killion made a motion to adopt the following undergraduate course and catalog changes. Dr. Lopez seconded and the motion was adopted. (closed)
7. Dr. Brown Marsden inquired whether the “equivalent” statements should refer to a specific course for EXPH 1803, 1904, and 2503. Dr. Killion tabled items EXPH 1803, EXPH 1904, and EXPH 2503.

Course Catalog Changes – Effective Fall 2022

Change of Course Prerequisite

Course Prefix: EXPH

Course Number: 1803

Course Title: Anatomical Kinesiology

Prerequisite(s): BIOL 1134, **or equivalent, with at least a C grade or better or permission from the instructor**

Course Prefix: EXPH

Course Number: 1904

Course Title: Introduction to Exercise Physiology

Prerequisite(s): BIOL 1134, **or equivalent, with at least a C grade or better or permission from the instructor**

Course Prefix: EXPH

Course Number: 2333

Course Title: Introduction to Sports Nutrition

Prerequisite(s): EXPH 1904 **with at least a C grade or better, or permission from the instructor**

Course Prefix: EXPH

Course Number: 2503

Course Title: Physiology of Sport and Fitness

Prerequisite(s): BIOL 1134, **or equivalent and** EXPH 1904 **with at least a C grade or better, or permission from the instructor**

Co-requisite(s): EXPH 2501

Course Prefix: EXPH

Course Number: 2993

Course Title: Biomechanics and Analysis of Human Movement

Prerequisite(s): EXPH 1803 **with at least a C grade or better, or permission from the instructor**

Course Prefix: EXPH  
Course Number: 3003  
Course Title: Strength and Conditioning: Theory and Application  
Prerequisite(s): EXPH 2993 **with at least a C grade or better, or permission from the instructor.** EXPH 2503 **with at least a C grade or better, or permission form the instructo**

Course Prefix: EXPH Course Number: 3203  
Course Title: Motor Control of Human Movement  
Prerequisite(s): EXPH 2993 **with at least a C grade or better, or permission from the instructor**

Course Prefix: EXPH  
Course Number: 4203  
Course Title: Advanced Sports Nutrition  
Prerequisite(s): EXPH 2333 **with at least a C grade or better, or permission from the instructor**  
Co-requisite(s): EXPH 4201

Course Prefix: EXPH  
Course Number: 4604  
Course Title: Exercise Medicine  
Prerequisite(s): EXPH 2503 **with at least a C grade or better, or permission from the instructor;** ~~EXPH 3913~~

Course Prefix: EXPH  
Course Number: 4676  
Course Title: Internship in Exercise Physiology  
Prerequisite(s): EXPH 4703 **with at least a C grade or better, or permission from the instructor**

Course Prefix: EXPH  
Course Number: 4703  
Course Title: Exercise Physiology and Clinical Assessment  
Prerequisite(s): **EXPH 2503**, EXPH 2501, and EXPH 3003 **with at least a C grade or better in these courses, or permission from the instructor**  
Co-Requisite(s): EXPH 4701

Course Prefix: EXPH  
Course Number: 4936  
Course Title: British Studies-Exercise Medicine: An Examination of Practices  
Prerequisite(s): EXPH 1904 **with at least a C grade or better, or permission from the instructor**

Course Prefix: EXPH  
Course Number: 4953  
Course Title: Clinical Exercise Physiology I  
Prerequisite(s): EXPH 4703 **with at least a C grade or better, or permission from the instructor**

Course Prefix: EXPH  
Course Number: 4963  
Course Title: Clinical Exercise Physiology II  
Prerequisite(s): EXPH 4703 **with at least a C grade or better, or permission from the instructor. EXPH 4953 with at least a C grade or better**

8. Dr. Watson made a motion to adopt the following undergraduate course and catalog changes. Dr. Zuckweiler seconded and the motion was adopted. (closed)

Course Catalog Changes – Effective Fall 2022

New Course Additions:

Course Prefix: **ENGL**

Course Number: **0010**

Course Title: **English NCBO**

Prerequisite(s): **None**

Description: **This course provides reading and writing intervention for students who do not meet the TSI2EL requirement.**

Lec/Lab Hrs: **0**

Type of Course:

Course Objectives:

- **Engage in a writing process that includes invention, drafting, collaboration, and revision**
- **Use reading and composing for learning, thinking, and communicating in various rhetorical contexts**
- **Demonstrate proficient use of linguistic structures, including grammar and mechanics, through practice in composing and revising.**

Course Prefix: **HIST**

Course Number: **3833**

Course Title: **Colonial Latin America**

Prerequisite(s): **None**

Description: **This course investigates the various cultures and ethnicities during the colonial period in Latin America. The discovery, conquest, and settlement of Ibero-America are covered in detail as are the roles of the Church, encomienda, and military. The course concludes with a discussion of the impact of the reforms of Charles the Third as they affected Latin America and initiated the independence movements.**

Lec/Lab Hrs: 3

Type of Course: Lecture

Course Objectives: **Course objectives may include (but are not limited to):**

- **Students will gain knowledge of the history of Latin America from the discovery and settling of the region by various European powers, to the series of revolutions in the 19<sup>th</sup> century that freed them from European empires.**
- **Students will improve reading and analytical skills through a reading/examination of primary source documents, archeological and literary studies, and other secondary sources.**
- **Students will develop and improve research, writing, and speaking skills through a series of written and oral assignments including class discussion and presentations.**

Course Prefix: **HIST**

Course Number: **4163**

Course Title: **U.S. History since 1945**

Prerequisite(s): **Six hours of history or consent of the chair**

Description: **This course will examine the social, cultural, economic, and political aspects of the United States since World War II. Subjects covered include but are not limited to the following: Cold War, McCarthyism, Korean War, Civil Rights Movement, Second Wave Feminism, Gay Liberation Movement, counterculture, Vietnam War, Environmental Movement, Reagan Revolution, Iraq War, War in Afghanistan, and globalization. While placing an emphasis on race, class, and gender, this course will show the various transformations that transpired in this country after 1945.**

Lec/Lab Hrs: **3**

Type of Course: **Lecture**

Course Objectives: **\*Illustrate their mastery of the course material by writing a 10-page research paper based on primary and secondary sources.**

**\*Hone critical thinking skills by reading assigned books and writing a 2-3-page book review on three books.**

**\*Exhibit analytical skills by watching assigned movies and then assessing the historical accuracy of each in two 5-6-page essays.**

**\*Display time management by completing two exams, each with six identification terms and one essay, in a set period of time.**

9. Dr. Watson made a motion to adopt the following undergraduate course and catalog changes. Dr. Brown Marsden seconded and the motion was adopted. (closed)

Change of Course Title and Description:

Course Prefix: ENGL

Course Number: 1143

Course Title: ~~Academic Research and Writing~~ **Introduction to Critical Reading and Academic Writing**

Prerequisite(s):

Description: This course provides ~~continued~~ training in **critical reading and academic writing. It focuses on the writing process and rhetorical concepts while requiring students to read and write a variety of texts.** ~~rhetoric, including skills involved in the writing process through composition and reading with the addition of particular skills needed for thoughtful research, from-~~ Students will be required to prepare a research **synthesis** paper of moderate length demonstrating these **critical reading and academic writing skills, including** selection, **evaluation,** and analysis, ~~to~~ integration, and documentation of both ~~print and electronic~~ sources.

10. Dr. Brown Marsden made a motion to adopt the following undergraduate course and catalog changes. Dr. Watson seconded and the motion was adopted. (closed)

2022-2023 Undergraduate Catalog  
Midwestern State University

### **Chemistry, B.S.**

Programs of study leading to the degree of Bachelor of Science with a major in chemistry are as follows:

a. Professional - option A.

This program provides the academic foundation for students who may wish to continue their studies in graduate chemistry, chemical engineering, or biochemistry. Students completing this program with 3 additional advanced chemistry hours and a chemistry GPA of 2.5 or better will be certified by the Committee on Professional Training of the American Chemical Society.

b. Interdisciplinary - option B.

This program provides the academic foundation in chemistry for students who may wish to reinforce their degree with a background in biology, business, computer science, chemical engineering, or other areas.

c. Biochemistry/Pre-Professional - option C.

This program provides the academic foundation for students who wish to continue their studies in biochemistry at the graduate level or in professional schools of optometry, physical therapy, pharmacy, physician's assistant, medicine, dentistry, or veterinary medicine. Students will also be able to matriculate into the Research and Development areas of industry and areas of forensic science.

For advancement as a pre-professional student seeking to gain admission to professional school (Medical, Dental, Veterinary Medicine, Physician's Assistant, Pharmacy, etc.), it is expected that students in options A-C will gain experience, formally or informally, in how these practices are run. This experience can be gained through employment, paid or unpaid internships, volunteering, or other instances where students can observe the various aspects of a professional practice.

The requirements for the degree of Bachelor of Science with a major in chemistry are as follows:

### **General**

---

(See General Requirements for all Bachelor's Degrees)

### **Academic Foundations and Core Curriculum - 42 semester hours**

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.

---

(See Academic Foundations and Core Curriculum - 42 semester hours)

## **Bachelor of Science**

---

(see Requirements for the Bachelor of Science Degree)

## **Major**

---

### **Option A, ACS Certification**

---

- CHEM 1141 - General Chemistry Laboratory 1
- CHEM 1143 - General Chemistry 3
- CHEM 1241 - General Chemistry Laboratory 1
- CHEM 1243 - General Chemistry 3
- CHEM 1253 - Descriptive Inorganic Chemistry 3
- CHEM 2001 - Organic Chemistry Laboratory 1
- CHEM 2003 - Organic Chemistry 3
- CHEM 2011 - Organic Chemistry Laboratory 1
- CHEM 2013 - Organic Chemistry 3
- CHEM 3305 - Analytical Chemistry I 5
- CHEM 3405 - Analytical Chemistry II 5
- CHEM 3603 - Physical Chemistry I 3
- CHEM 3705 - Physical Chemistry II 5
- CHEM 4243 - Biochemistry 3
- CHEM 4305 - Advanced Inorganic Chemistry 5
- CHEM 4001 - Seminar 1 semester hour (2 hours required)

### **Additional Advanced Courses - 4 hours**

---

Three additional advanced hours in chemistry, exclusive of CHEM 3504.

One additional advanced laboratory hour in chemistry is required, exclusive of CHEM 3504.

**Note:**

---

Must maintain an overall GPA of 2.5 or better for certification.

(Those students who wish to continue their studies in graduate biochemistry should take CHEM 4242 and CHEM 4253.)

**American Chemical Society Certification–With Honors**

---

This designation will be awarded to students fulfilling the following:

1. All regular requirements for the Bachelor of Science with a major in chemistry (Option A) and all the requirements for certification by the Committee on Professional Training of the American Chemical Society.
2. Minimum GPA: 3.0 overall; 3.3 in chemistry courses.
3. A minimum of 4 semester hours must be earned in independent research (CHEM 4911, CHEM 4922, CHEM 4933); this should be commenced in the junior year or earlier.
4. Acceptance of a B.S. research paper (covering the undergraduate independent research project) by the chemistry faculty and the chair of the Honors committee.
5. Presentation of a public lecture on the research paper to the chemistry faculty.

**Option B**

- 
- CHEM 1141 - General Chemistry Laboratory 1
  - CHEM 1143 - General Chemistry 3
  - CHEM 1241 - General Chemistry Laboratory 1
  - CHEM 1243 - General Chemistry 3
  - CHEM 2001 - Organic Chemistry Laboratory 1
  - CHEM 2003 - Organic Chemistry 3
  - CHEM 2011 - Organic Chemistry Laboratory 1
  - CHEM 2013 - Organic Chemistry 3
  - CHEM 3305 - Analytical Chemistry I 5
  - CHEM 3603 - Physical Chemistry I 3
  - CHEM 4001 - Seminar 1 semester hour (2 hours required)



## Additional Courses

---

- CHEM 3405 - Analytical Chemistry II 5
- or
- CHEM 4242 - Biochemistry Laboratory 2 and
- CHEM 4243 - Biochemistry 3
- or
- CHEM 3705 - Physical Chemistry II 5
- or
- CHEM 3504 - Introductory Environmental Chemistry 4

## Option C

---

- CHEM 1141 - General Chemistry Laboratory 1
- CHEM 1143 - General Chemistry 3
- CHEM 1241 - General Chemistry Laboratory 1
- CHEM 1243 - General Chemistry 3
- CHEM 2001 - Organic Chemistry Laboratory 1
- CHEM 2003 - Organic Chemistry 3
- CHEM 2011 - Organic Chemistry Laboratory 1
- CHEM 2013 - Organic Chemistry 3
- CHEM 4001 - Seminar 1 semester hour (two hours required)
- CHEM 4242 - Biochemistry Laboratory 2
- CHEM 4243 - Biochemistry 3
- CHEM 4253 - Biochemistry 3

## Additional Courses

---

- 2 classes from the following:
- CHEM 3305 - Analytical Chemistry I 5
- CHEM 3405 - Analytical Chemistry II 5
- CHEM 3603 - Physical Chemistry I 3
- CHEM 3705 - Physical Chemistry II 5
- CHEM 4133 - Advanced Organic Chemistry 3
- CHEM 4305 - Advanced Inorganic Chemistry 5

## Optional Minor

---

### Option A

---

Professional Chemistry:

Mathematics (See the Chemistry Program Advisor for specific course requirements.) OR

Physics (see the Chemistry Program Advisor for specific course requirements); OR

Other (see the Chemistry Program Advisor for specific course requirements)

### Option B

---

Biology Emphasis - Biology; OR

Business Emphasis - Business Administration; OR

Computer Science Emphasis - Computer Science

Others (See your academic advisor.)

### Option C

---

Pre-Optometry, Pre-Pharmacy, Pre-Physical Therapy, Pre-Medical, Pre-Dental, or Pre-Veterinary -  
Biology - (See Biology and the Health Professions Advisor for specific course requirements.)

Others (See your academic advisor.)

### Additional Requirements:

---

#### Requirements common to all optional degree plans:

- MATH 1634 - Calculus I 4
- MATH 1734 - Calculus II 4
- PHYS 1624 - Mechanics, Wave Motion, and Heat 4
- PHYS 2644 - Electricity and Magnetism and Optics 4
- STAT 3573 - Probability and Statistics 3

### Option A

---

- MATH 2534 - Calculus III 4
- MATH 3433 - Differential Equations 3

### Option B

---

- MATH 2534 - Calculus III 4
- See Advisor for additional requirements.

### Option C

---

- BIOL 1114 - Life I: Molecular & Cellular Concepts 4
- BIOL 1214 - Life II: Evolution and Ecology 4
- ~~BIOL 2114 - Life III: The Diversity of Life 4~~

### ~~12~~ \***16** hours Advanced Biology

\*Suggested classes **for the 16 hours of Advanced Biology** for Biochemistry emphasis **option C** are (**see advisor when choosing classes**):

- BIOL 3314 - General Microbiology 4
- BIOL 3334 - Genetics 4 (needed for the minor)
- BIOL 3434 - Entomology 4
- BIOL 4021 - Immunology Laboratory 1
- and
- BIOL 4023 - Immunology 3
- BIOL 4231 - Molecular Biology Laboratory 1
- and
- BIOL 4233 - Molecular Biology 3
- **BIOL 4524 – Animal Parasitology 4**
- BIOL 4714 - Cell Biology 4
- ~~See Advisor for additional options~~

### Electives

---

Additional hours as needed to total a minimum of 120 semester credit hours with a minimum of 33 advanced.

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.

11. Dr. Brown Marsden made a motion to adopt the following undergraduate course and catalog changes. Dr. Lopez seconded and the motion was adopted. (closed)

2022-2023 Undergraduate Catalog  
Midwestern State University

### **Dental Early Admissions Program 3 + 4 Dual Degree**

The student must complete 101-106 hours of undergraduate course work as specified below. Upon the successful completion of the first year of dental school, 14-19 hours of credit from the dental school will be transferred to Midwestern State University and counted toward the Midwestern State University B.S. degree with a major in Biology or Chemistry.

#### **Courses to be taken at Midwestern State University:**

---

#### **A. Biology Degree**

---

##### **Freshman Year**

---

##### **Fall**

- 
- BIOL 1114 - Life I: Molecular & Cellular Concepts 4
  - CHEM 1141 - General Chemistry Laboratory 1
  - CHEM 1143 - General Chemistry 3
  - ENGL 1143 - Academic Research and Writing 3
  - MATH 1534 - Precalculus 4

##### **Spring**

- BIOL 1214 - Life II: Evolution and Ecology 4
- CHEM 1241 - General Chemistry Laboratory 1
- CHEM 1243 - General Chemistry 3
- ENGL 1153 - Introduction to Reading and Writing about Literature 3
- STAT 3573 - Probability and Statistics 3

##### **Summer Session**

- 
- HIST 1133 - Survey of American History to 1865 3
  - HIST 1233 - Survey of American History since 1865 3

---

##### **Sophomore Year**

---

## Fall

- ~~BIOL 2114 – Life III: The Diversity of Life~~ **BIOL 3334 - Genetics 4**
- POLS 1333 - American Government 3
- CHEM 2001 - Organic Chemistry Laboratory 1
- CHEM 2003 - Organic Chemistry 3
- MATH 1634 - Calculus I 4
- Creative Arts Core – 3

## Spring

---

- ~~BIOL 3334 – Genetics~~ **BIOL ADV 4 (see advisor)**
- POLS 1433 - American Government 3
- CHEM 2011 - Organic Chemistry Laboratory 1
- CHEM 2013 - Organic Chemistry 3
- Undergraduate Inquiry & Creativity Core - 3
- 
- PSYC 1103 - General Psychology 3
- OR
- SOCL 1133 - Introductory Sociology 3

## Summer Session

Dental Enrichment Program at Dental School

## Junior Year

---

## Fall

---

- BIOL advanced (consult advisor) - 4 advanced hours
- PHYS 1144 - General Physics 4
- BIOL (or CHEM 4243) - 3 advanced hours
- Foreign Language - 4 hours

## Spring

---

- BIOL 3144 - Physiology 4
- OR
- BIOL 3234 - Comparative Anatomy of the Vertebrates 4
- PHYS 1244 - General Physics 4
- BIOL (or CHEM 4253) - 3 advanced hours
- Foreign Language - 4 hours
- 1 hour of an elective (consult advisor)

**Total MSU Hours - 101 hours**

---

**Total UTHSCSA Hours - 19 hours**

---

(to be applied to the MSU degree requirements at the end of the first year of dental school)

## B. Chemistry Degree

---

### Freshman Year

---

### Fall

---

- BIOL 1114 - Life I: Molecular & Cellular Concepts 4
- CHEM 1141 - General Chemistry Laboratory 1
- CHEM 1143 - General Chemistry 3
- ENGL 1143 - Academic Research and Writing 3
- MATH 1534 - Precalculus 4

### Spring

---

- BIOL 1214 - Life II: Evolution and Ecology 4
- CHEM 1241 - General Chemistry Laboratory 1

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.

- CHEM 1243 - General Chemistry 3
- ENGL 1153 - Introduction to Reading and Writing about Literature 3
- STAT 3573 - Probability and Statistics 3
- Undergraduate Inquiry & Creativity Core - 3

### Summer Session

---

- HIST 1133 - Survey of American History to 1865 3
- HIST 1233 - Survey of American History since 1865 3
- Creative Arts Core - 3 hours
- 
- PSYC 1103 - General Psychology 3
- OR
- SOCL 1133 - Introductory Sociology 3

### Fine Arts - 3 hours

---

### Sophomore Year

---

#### Fall

- ~~BIOL 2114—Life III: The Diversity of Life~~ **BIOL 3334 - Genetics** 4
- POLS 1333 - American Government 3
- CHEM 2001 - Organic Chemistry Laboratory 1
- CHEM 2003 - Organic Chemistry 3
- MATH 1634 - Calculus I 4

#### Spring

---

- ~~BIOL 3334—Genetics~~ **BIOL ADV 4 (see advisor)**
- POLS 1433 - American Government 3
- CHEM 2011 - Organic Chemistry Laboratory 1
- CHEM 2013 - Organic Chemistry 3
- MATH 1734 - Calculus II 4

### Summer Session

---

### Dental Enrichment Program at Dental School

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.

## Junior Year

---

### Fall

---

- BIOL advanced (consult advisor) - 4 advanced hours
- PHYS 1624 - Mechanics, Wave Motion, and Heat 4
- CHEM - 5 advanced hours
- Foreign Language - 4 hours

### Spring

---

- BIOL 3144 - Physiology 4
- OR
- BIOL 3234 - Comparative Anatomy of the Vertebrates 4
- 
- PHYS 2644 - Electricity and Magnetism and Optics 4
- CHEM - 3 advanced hours
- Foreign Language - 4 hours

**Total MSU Hours - 106 hours**

---

**Total UTHSCSA Hours - 14 hours**

---

(to be applied to the MSU degree requirements at the end of the first year of dental school)

### Dental School

Courses to be completed at the Dental School during the first year and transferred to Midwestern State University to satisfy the requirements of the B.S. degree with a major in Biology or Chemistry. The first year courses (19-21.5 hours) taken at UTHSCSA will be transferred back to Midwestern State University to allow the student to complete the B.S. degree.



12. Dr. Brown Marsden made a motion to adopt the following undergraduate course and catalog changes. Dr. Lopez seconded and the motion was adopted. (closed)

2022-2023 Undergraduate Catalog  
Midwestern State University

### **St. George's University Early Admissions 3 + 4 Dual Degree**

The student must complete 101-106 hours of undergraduate course work as specified below. Upon the successful completion of the first year of medical/veterinary school, 14-19 hours of credit from St. George's University will be transferred to Midwestern State University and counted toward the Midwestern State University B.S. degree with a major in Biology or Chemistry.

### **Courses to be taken at Midwestern State University**

---

#### **A. Biology Degree**

---

#### **Freshman Year**

---

##### **Fall**

---

- BIOL 1114 - Life I: Molecular & Cellular Concepts 4
- CHEM 1141 - General Chemistry Laboratory 1
- CHEM 1143 - General Chemistry 3
- ENGL 1143 - Academic Research and Writing 3
- MATH 1534 - Precalculus 4

##### **Spring**

- BIOL 1214 - Life II: Evolution and Ecology 4
- CHEM 1241 - General Chemistry Laboratory 1
- CHEM 1243 - General Chemistry 3
- ENGL 1153 - Introduction to Reading and Writing about Literature 3
- STAT 3573 - Probability and Statistics 3

## Summer Session

---

- HIST 1133 - Survey of American History to 1865 3
- HIST 1233 - Survey of American History since 1865 3

## Sophomore Year

---

### Fall

---

- ~~BIOL 2114—Life III: The Diversity of Life~~ **BIOL 3334 - Genetics** 4
- POLS 1333 - American Government 3
- CHEM 2001 - Organic Chemistry Laboratory 1
- CHEM 2003 - Organic Chemistry 3
- MATH 1634 - Calculus I 4
- Creative Arts Core - 3

### Spring

---

- ~~BIOL 3334—Genetics~~ **BIOL ADV 4 (see advisor)**
- POLS 1433 - American Government 3
- CHEM 2011 - Organic Chemistry Laboratory 1
- CHEM 2013 - Organic Chemistry 3
- 
- PSYC 1103 - General Psychology 3
- OR
- SOCL 1133 - Introductory Sociology 3

## Junior Year

### Fall

---

- BIOL advanced (consult advisor) - 4 advanced hours
- PHYS 1144 - General Physics 4
- BIOL (or CHEM 4243) - 3 advanced hour
- Foreign Language - 4 hours

## Spring

---

- BIOL 3144 - Physiology 4 (or BIOL 3234 - Comparative Anatomy of the Vertebrates)
- PHYS 1244 - General Physics 4
- BIOL (or CHEM 4243) - 3 advanced hours
- Foreign Language - 4 hours

**Total MSU Hours – ~~101~~ 97 hours**

---

**Total SGU Hours - 19 hours**

---

(to be applied to the MSU degree requirements at the end of the first year at St. George's University)

## B. Chemistry Degree

---

### Freshman Year

---

#### Fall

---

- BIOL 1114 - Life I: Molecular & Cellular Concepts 4
- CHEM 1141 - General Chemistry Laboratory 1
- CHEM 1143 - General Chemistry 3
- ENGL 1143 - Academic Research and Writing 3
- MATH 1534 - Precalculus 4

#### Spring

---

- BIOL 1214 - Life II: Evolution and Ecology 4
- CHEM 1241 - General Chemistry Laboratory 1
- CHEM 1243 - General Chemistry 3
- ENGL 1153 - Introduction to Reading and Writing about Literature 3

- STAT 3573 - Probability and Statistics 3
- Undergraduate Inquiry & Creativity Core 3

### Summer Session

---

- HIST 1133 - Survey of American History to 1865 3
- HIST 1233 - Survey of American History since 1865 3
- Creative Arts Core 3
- 
- PSYC 1103 - General Psychology 3
- OR
- SOCL 1133 - Introductory Sociology 3

### Sophomore Year

---

#### Fall

---

- ~~BIOL 2114 – Life III: The Diversity of Life~~ **BIOL 3334 - Genetics** 4
- POLS 1333 - American Government 3
- CHEM 2001 - Organic Chemistry Laboratory 1
- CHEM 2003 - Organic Chemistry 3
- MATH 1634 - Calculus I 4

#### Spring

---

- ~~BIOL 3334 – Genetics~~ **BIOL ADV 4 (see advisor)**
- POLS 1433 - American Government 3
- CHEM 2011 - Organic Chemistry Laboratory 1
- CHEM 2013 - Organic Chemistry 3
- MATH 1734 - Calculus II 4

### Junior Year

---

**Fall**

- 
- BIOL advanced (consult advisor) - 4 advanced hours
  - PHYS 1624 - Mechanics, Wave Motion, and Heat 4
  - CHEM - 5 advanced hours
  - Foreign Language - 4 hours

**Spring**

- 
- BIOL 3144 - Physiology 4
  - OR
  - BIOL 3234 - Comparative Anatomy of the Vertebrates 4
  - 
  - PHYS 2644 - Electricity and Magnetism and Optics 4
  - CHEM - 3 advanced hours
  - Foreign Language - 4 hours

**Total MSU Hours - 106 hours**

---

**Total SGU Hours - 14 hours**

---

(to be applied to the MSU degree requirements at the end of the first year at St. George's University)

**St. George's University Courses in the Medical School**

Courses to be completed at St. George's University during the first year and transferred to Midwestern State University to satisfy the requirements of the B.S. degree with a major in Biology or Chemistry.

13. Dr. Brown Marsden made a motion to adopt the following undergraduate course and catalog changes. Dr. Zuckweiler seconded and the motion was adopted. (closed)

2021-2022 Undergraduate Catalog Midwestern State University

### **Geosciences, B.S.**

The requirements for the degree of Bachelor of Science Degree with a major in Geosciences may be satisfied through either the Environmental Science track or the Geosciences track.

General

(See General Requirements for all Bachelor's Degrees)

Academic Foundations and Core Curriculum - 42 semester hours

(See Academic Foundations and Core Curriculum - 42 semester hours)

Bachelor of Science

(see Requirements for the Bachelor of Science Degree)

Environmental Science Track

Major:

Interdisciplinary -

ENSC 1114 - Foundations of Environmental Science 4

ENSC 3103 - Environmental Policies and Laws 3

ENSC 4103 - Internship 3

BIOL 1114 - Life I: Molecular & Cellular Concepts 4

BIOL 1214 - Life II: Evolution and Ecology 4

BIOL 3104 - Fundamental Genetics 4

CHEM 1141 - General Chemistry Laboratory 1

CHEM 1143 - General Chemistry 3

CHEM 1241 - General Chemistry Laboratory 1

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.

CHEM 1243 - General Chemistry 3

CHEM 3504 - Introductory Environmental Chemistry 4

GEOS 1134 - Physical Geology 4

GEOS 3044 - Geographic Information Systems (GIS) 4

GEOS 4001 - Geosciences Seminar 1

Options (must choose one):

Option A - Biology:

~~BIOL 2114 – Life III: The Diversity of Life 4~~

**BIOL 3113 – Biogeography 3**

BIOL 3033 - Field Biology 3

BIOL 3534 - Systematic Botany 4

BIOL 4684 - Ecology 4

OR

BIOL 4673 - Desert Ecology 3

OR

BIOL 4693 - Tropical Rainforest Ecology 3 semester hours

Plus 3-4 additional hours

Option B - Chemistry:

CHEM 3305 - Analytical Chemistry I 5

CHEM 3405 - Analytical Chemistry II 5

Plus 8 additional hours

Option C - Geosciences:

GEOS 1234 - Historical Geology 4

GEOS 3034 - Oceanography 4

~~GEOS 3734 – Geomorphology 4~~

**GEOS 4233 - Groundwater Hydrology 3**

GEOS 4844 - Environmental Geophysics 4

**OR**

**GEOS 3533 - Solid Earth and Exploration Geophysics 3**

Plus ~~3~~4 additional hours

Program Requirements:

PHYS 1144 - General Physics 4

PHYS 1244 - General Physics 4

MATH 1433 - Plane Trigonometry 3

OR

MATH 1534 - Precalculus 4

MATH 1634 - Calculus I 4

STAT 3573 - Probability and Statistics 3

One year of a single foreign language.

5 - 6 hours of electives are required

Geosciences Track

Major:

GEOS 1134 - Physical Geology 4

GEOS 1234 - Historical Geology 4

GEOS 3134 - Mineralogy 4

GEOS 3234 - Petrology 4

GEOS 3434 - Structural Geology 4

GEOS 3533 - Solid Earth and Exploration Geophysics 3

GEOS 3534 - Invertebrate Paleobiology 4

~~GEOS 3734 - Geomorphology 4~~

**GEOS 3044 - Geographic Information Systems (GIS) 4**

GEOS 4001 - Geosciences Seminar 1

GEOS 4533 - Introduction to Ore Deposits and Energy Resources 3

GEOS 4534 - Sedimentology and Stratigraphy 4

Complete Field Geology in transfer (see advisor for details)

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.



**Program Requirements:**

CHEM 1141 - General Chemistry Laboratory 1

CHEM 1143 - General Chemistry 3

CHEM 1241 - General Chemistry Laboratory 1

CHEM 1243 - General Chemistry 3

MATH 1634 - Calculus I 4

MATH 1734 - Calculus II 4

STAT 3573 - Probability and Statistics 3

---

PHYS 1144 - General Physics 4

and

PHYS 1244 - General Physics 4

---

(OR)

---

PHYS 1624 - Mechanics, Wave Motion, and Heat 4

and

PHYS 2644 - Electricity and Magnetism and Optics 4

---

One year of a single foreign language.

Plus 7 additional hours

Selected from:

GEOS 3014 - Meteorology, Climate, and Climate Change 4

GEOS 3034 - Oceanography 4

GEOS 3424 - Geology of the Solar System 4

GEOS 3824 - Field Methods 4

GEOS 4034 - Petroleum Geology 4

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.

GEOS 4134 - Applied Petroleum Geology 4

GEOS 4233 - Groundwater Hydrology 3

**GEOS 4644 – Paleocology 4**

**GEOS 4694 - Mass Extinctions and Global Change 4**

GEOS 4734 - Hydrology 4

GEOS 4844 - Environmental Geophysics 4

14. Dr. Brown Marsden made a motion to adopt the following undergraduate course and catalog changes. Dr. Zuckweiler seconded and the motion was adopted. (closed)

Course Catalog Changes:

New Course Addition – Effective Fall 2023

Course Prefix: **MENG**

Course Number: **2212**

Course Title: **Engineering Computation**

Prerequisite(s): **MATH 1634**

Description: **This course is an introduction to the use of MATLAB and Excel. Two parts are including in this course. The two parts are the Computational Tools and Engineering Applications. This course provides a detailed introduction to the computational techniques, numerical methods, and computational tools used by engineering students. This course include study of the fundamental of numerical computations and analyses through the use of MATLAB and Excel. MATLAB can be used for math computations, modeling and simulations, data analysis and processing, visualization and graphics, and algorithm development. Excel can be used for related calculations, graphing tools, axis tables, and programming language.**

Lec/Lab Hrs: **2(2-0)**

Type of Course: **Lecture**

Course Objectives: **Students will learn:**

1. **Computing Tools**
2. **Excel Fundamentals**
3. **MATLAB Fundamentals**
4. **MATLAB Programming**
5. **Plotting Data**
6. **Finding the Roots of Equations**
7. **Matrix Mathematics**
8. **Solving Simultaneous Equations**
9. **Numerical Integration**
10. **Optimization**

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.

15. Dr. Brown Marsden made a motion to adopt the following undergraduate course and catalog changes. Dr. Lopez seconded and the motion was adopted. (closed)

Change of Course Number and Prerequisite:

Course Prefix: MENG

Course Number: ~~2133~~ **1123**

Course Title: Engineering Economics

Prerequisite(s): **MATH 1233**

Description: The time value of economic resources such as cash flow diagrams, simple and compound interest, present worth, future worth, equal payment series, and the economic evaluation of engineering projects.

Lec/Lab Hrs: 3(3-0)

Type of Course: Lecture

Course Objectives: Students will learn:

1. Introduction, terminology, basic concepts
2. Economy factors, single payment, present and future worth
3. Combining factors
4. Nominal and effective interest rates
5. Economic evaluation of engineering projects via basic analysis tools.

16. Dr. Zuckweiler made a motion to adopt the following graduate course and catalog changes. Dr. Lopez seconded and the motion was adopted. (closed)

Academic Council items from Graduate Council – March 2022

List of items by program, with details below:

1. Course Inventory/Catalog Changes – GEOS
  - a. GEOS 5643 (new course addition)
  - b. Catalog changes for GEOS
2. Catalog Changes to Admissions & Academic Information
3. Foreign credential evaluation requirements and process

GEOS 5643 (new course addition)

Course Title: Environmental Applications of Microfaunal Analysis

Course Prerequisite: None

Course Description: **This course focuses on the application of macrofaunal analysis to environmental science problems. Topics include the identification and systematics of aquatic and marine microfauna; the use of microfauna as bioindicators; statistical analysis and ecological, biogeographic, climatic, and oceanographic interpretations of faunal assemblages; field and lab methodological procedures.**

Lecture/Lab Hours: 3(2-2)

Course Objective: **Upon completion of the course students will be able to:**

- **Recognize the main groups of microfauna used in (paleo)environmental analysis and their environmental significance**
- **Identify and perform the proper field and laboratory procedures for collecting, processing, and analyzing microfaunal specimens**
- **Conduct appropriate statistical analysis of microfaunal assemblages and interpret their results in ecologic and environmental context**

17. Dr. Zuckweiler made a motion to adopt the following graduate course and catalog changes. Dr. Killion seconded and the motion was adopted. (closed)

Catalog Changes - GEOS

**Geosciences, M.S.**

**Approved Courses -- 31 semester hours**

Thirty-one semester hours of approved courses including:

**BIOL 5012 – Scientific Writing**

GEOS 6001 - Graduate Seminar in Geosciences (must be taken 4 times)

GEOS 6983 - Thesis I

GEOS 6993 - Thesis II

21 19 semester hours of GEOS courses approved by advisor (of which 6 semester hours may be approved 3000/4000 level courses taken for graduate credit).

18. Dr. Zuckweiler made a motion to adopt the following graduate course and catalog changes. Dr. Watson seconded and the motion was adopted. (closed)

Catalog Changes – Admissions & Academic Information Effective Fall 2022

Graduate Degrees Offered

The following master's and doctoral degrees are offered at Midwestern State University:

Doctor of Education

Major offered in Educational Leadership

Master of Arts

Majors offered in Biology, Clinical Mental Health, English, History, Human Resource Development, and Psychology

Master of Arts in Criminal Justice

Major offered in Criminal Justice

Master of Business Administration

Major offered in Business Administration

Master of Education

Majors offered in Curriculum and Instruction, Educational Leadership, Special Education, and Sport Administration

Master of Health Administration

Major offered in Health Services Administration

Master of Professional Studies

Major offered in Professional Studies

Master of Science

Majors offered in Biology, Computer Science, and Geosciences

Master of Science in Exercise Physiology

Major offered in Exercise Physiology

Master of Science in Nursing

Majors offered in Family Nurse Practitioner and Family Psychiatric Mental Health Nurse Practitioner

Master of Science in Radiologic Sciences

Majors offered in Radiologic Administration, Radiologic Education, and ~~Radiologic~~ **Radiologist** Assistant Graduate minors are available in Biology, ~~early childhood education, educational foundations,~~ English, History, Instructional Design and Technology Minor, Mathematics, ~~Special~~

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.

Education, Sport Administration, Teacher Leadership, and Training and Development. The Robert D. & Carol Gunn College of Health Sciences and Human Services offers a Health Services Administration Graduate Certificate, a Post-Master's Family Psychiatric Mental Health Nurse Practitioner Certificate, and a Post-Master's Family Nurse Practitioner Certificate. The West College of Education offers programs leading to certificates for Superintendent, Principal, Diagnostician. The Prothro-Yeager College of Humanities and Social Sciences offers graduate 5 certificates in English Professional and Technical Communication, English Literary Studies and History. **The Gunn College of Health Sciences and Human Services offers graduate certificates in Computed Tomography, Health Services Administration, Magnetic Resonance Imaging, and Mammography, as well as a Post-Master's Family Nurse Practitioner Certificate and a Post-Master's Family Psychiatric Mental Health Nurse Practitioner Certificate. The West College of Education offers a Post-Master's Educational Diagnostician Certificate and a Post-Master's Principal Certificate. The Prothro-Yeager College of Humanities and Social Sciences offers graduate certificates in English-Literature and Language Studies, English-Professional Studies, and History.**

Graduate Faculty Requirements Appointments to the Graduate Faculty originate at the department level in consultation with the graduate coordinator, and then are taken to the dean of the college, the Dean of the Dr. Billie Doris McAda Graduate School, and the Provost for final approval. In order to qualify for the Graduate Faculty, a faculty member must hold a terminal degree or have a demonstrated competency in lieu of the degree, which, in turn, must be documented by the department, and be a productive, creative scholar. The department's Graduate Council representative, the department chair, the college council, and the dean of the college have the responsibility to see that these standards are met. Their recommendations, upon approval of the dean of the college, will be forwarded to the Dean of the McAda Graduate School and the Provost. Graduate Faculty status has three levels of membership: Full Graduate Faculty, Associate Graduate Faculty, and Adjunct Graduate Faculty. Further explanation of these appointments may be found in the Midwestern State University **Operating Policies and Procedures Manual, OP 42.01 Graduate Faculty Requirements and Procedures** at [https://msutexas.edu/human-resources/policy/3.1-facultypolicies/3.147-Grad\\_Fac\\_Requirement.asp](https://msutexas.edu/human-resources/policy/3.1-facultypolicies/3.147-Grad_Fac_Requirement.asp)  
<https://public.powerdms.com/MidwesternState/tree/documents/2223724>.

How to Apply for Graduate Admission In order to participate in ~~graduate level~~ **graduate-level** studies at Midwestern State University, a candidate must be accepted by the Dr. Billie Doris McAda Graduate School and the **candidate's intended** program. The requirements for the Graduate School are listed below. Consult the specific program section of the catalog for program requirements. Please note, students may meet the Graduate School requirements for admission, but not meet the program requirements. Prospective students are encouraged to contact the Graduate School and visit our website at <http://msutexas.edu/graduateschool> for current requirements.

#### Course Numbers

Graduate courses are designated by 5000- and 6000-level numbers. ~~Some 3000 and 4000 level courses can be taken for graduate credit with college approval.~~ **Some 3000- and 4000-level**

**courses can be taken for graduate credit with college approval.** The last digit of a course number indicates the semester hour value of the course. \*

\*Exception: NURS 4910 last two digits indicate 10-hour course. **\*Exception: NURS 4910 – The last two digits indicate a 10-hour course.**

In the course description, the three numbers below the horizontal line indicate (1) the credit value of the course in semester hours, (2) the number of lecture hours each week, and (3) the number of laboratory hours each week. For example, 4(3-2) ~~indicates a four-semester-hour~~ **four-semester-hour** course which meets for three hours lecture and two hours laboratory each week for one semester.

A number in ~~parenthesis~~ **parentheses** immediately below the course hours indicates a former catalog number for the same course.

#### Course Changes, Drops, and Withdrawals

Dropping a Course. After late registration, a student should visit with the instructor and/or the advisor to see if dropping the course will affect the time to degree. If a student drops a course without consulting the instructor or advisor, the student takes full responsibility for any delay in the degree progression. ~~A student athlete, must contact the Athletics Office prior to dropping a class.~~ **A student athlete must contact the Athletics Office prior to dropping a class.** An international student must contact the Global Education Office prior to dropping a class. To drop the course, the student logs in to WebWorld and selects the action in the drop-down menu. Voluntary Withdrawal from the University. A student who desires to withdraw from the University will contact the ~~Student Rights and Responsibilities Office~~ **Student Affairs Office** by the deadline. Following an exit interview, the student will be issued a copy of the withdrawal form, and the ~~Student Rights and Responsibilities Office~~ **Student Affairs Office** will process the paperwork with the necessary University offices.

#### Assistantships

Graduate students must be enrolled to be eligible for an assistantship. For assistantships during the Summer, graduate students must be enrolled for at least one (1) credit hour, or have been enrolled during the preceding Spring semester, or have been unconditionally accepted for enrollment in the following Fall semester. See ~~<https://msutexas.edu/humanresources/student-employment-policy>~~ **<https://public.powerdms.com/MidwesternState/tree/documents/2223874>** for specific requirements regarding Summer enrollment.

19. Dr. Zuckweiler made a motion to adopt the following change to the Foreign Credential Evaluation Requirements and Process. Dr. Lopez seconded and the motion was adopted. (closed)

### **Foreign Credential Evaluation Requirements and Process**

Graduate Catalog text regarding foreign credential evaluations:

*A bachelor's degree from a regionally accredited institution. The McAda Graduate School must receive an official transcript, including one on which a bachelor's degree is posted, directly from each institution the applicant has attended. International graduate student applicants must submit a course-by-course credential evaluation with GPA that includes verified transcripts. MSU strongly prefers the WES ICAP evaluation, but will accept a comparable evaluation from an NACES member.*

Graduate Council agreed to pilot test the file reader approach to foreign credential evaluation for a period not to exceed one year. This pilot test requires waiving current admissions requirements in the Graduate Catalog (highlighted above) and is brought to Academic Council for its review and action.

Adjournment:

There being no other business, the meeting was adjourned at 2:32 p.m.

Respectfully submitted,  
Melissa Boerma  
Assistant to the Provost