

# ***THE DEANERY***

**ALBION COLLEGE  
ACADEMIC NEWSLETTER**

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**ANNOUNCEMENTS FOR THE NEXT DEANERY ARE DUE APRIL 10, 2020.**

## **I ANNOUNCEMENTS FROM COMMITTEES**

### **Curriculum & Resources Committee:**

The Curriculum & Resources Committee approved revisions to the Integrated Science Major with elementary education certification.

Last year the Chemistry Department proposed changes to the biochemistry and chemistry majors; these consisted of rearranging of introductory course content and sequence. Two new courses (CHEM 152; CHEM 154) replaced two eliminated courses (CHEM 121; CHEM 123). These changes were approved by the Course Change Committee and C&RC, spring 2019. The Chemistry Department started teaching new courses this fall.

The Chemistry and Education Departments have worked together in support of these changes in order to prepare an amendment request to be filed by the Education Department, with the Michigan Department of Education (MDE), to seek continuous approval of the integrated science major with elementary certification.

### **Catalog Copy:**

#### **Requirements for Interdisciplinary Major in Integrated Science with Elementary Education Certification**

Nine units including:

- Biology 195, 210
- Chemistry 152, 154
- Geology 103, 115
- Physics 105, 115, 116

All courses for the major must be taken for a numeric grade.

Completion of all other requirements for teacher certification.

Please note that the courses for the major can be counted toward the minor in the respective field. Biology—Biology 195, 210 (from major), 215 or 216; 225, 227, or 314; one additional unit in biology (200-level or above) selected with departmental approval; Chemistry 152 (from major).

Chemistry—Chemistry 152, 154 (from major); 206, 211, 301 (with prerequisite of Mathematics 141 or equivalent) or 337.

Geology—Geology 103, 115 (from major); 101, two units (200-level or above) selected with departmental approval.

Physics—Physics 105, 115, 116 (from major); 102 or 245; 205; Geology 101.

### **Requirements for Elementary Certification**

Students seeking elementary certification with a major in integrated science are required to consult with the Education Department and meet admission requirements to the Education Program. Certification in elementary education requires 14 units of additional course work and necessitates a ninth semester for student teaching. Students completing an integrated science major fulfill the certification requirement for a science course with a laboratory as part of the requirements for the major.

### **Complete a planned program including:**

English 203 (English 101 is a prerequisite), 348

History 131

IDY 262

Mathematics 104

Psychology 251 (Psychology 101 is a prerequisite)

Education 202, 203, 247, 259, 319, 371, 372; two units (one of which must be in your minor) from 374, 375, 376, 377; 396, 421, 431

# # #

### Scientific Analysis Mode Subcommittee:

The Scientific Analysis Mode Subcommittee of C&RC has approved Dale Kennedy's Honors course, Animal Communication, to count for the Scientific Analysis Mode.

# # #

### Faculty Development Committee:

The Faculty Development Committee has approved Small Grants to:

**Helena Mesa** (English) to travel to Cuba to participate in a workshop.

**Ashley Miller** (English) to do research at the Huntington Library in California during spring break.

# # #

### Course Change Committee:

The Course Change Committee has approved the following new courses:

**BIOL 245: Marine Biology**

Instructor: Cahill

Offered Fall ☒ Spring

Frequency and Duration of Meetings: weekly, 3 hours

Prerequisites: BIOL 195

Corequisites:

Course Fee: \$ 0

Units: 1

Check one option: ☒ Standard grading [Students in the course will receive numeric grades unless they declare CR/NC or the course is a practicum or an internship]

**Course Description:**

An introduction to marine biology, including basic principles of ecology, evolution, and the physical and chemical components of the oceans. Topics will include how the physical and chemical principles of the ocean impact organisms, an overview of community ecology in different marine habitats, and how humans are impacting marine systems.

**BIOL 260: Introduction to Bioinformatics**

Instructor: Ken Saville

Offered Fall ☒ Spring

Frequency and Duration of Meetings: 2 days/week, 110 minutes/meeting

Prerequisites: None

Corequisites:

Course Fee: \$ 0

Units: 1

Check one option: ☒ Standard grading [Students in the course will receive numeric grades unless they declare CR/NC or the course is a practicum or an internship]

**Course Description:**

This is a hands-on, project-based course designed to provide students with an opportunity to conduct meaningful research projects using web-based bioinformatics tools. In previous projects, students have analyzed the genome of a newly-discovered bacteriophage, which was isolated by an Albion student in a previous semester and have done comparative genomic analyses of a chromosomal region from one or more *Drosophila* species as part of a larger collaborative genomics project.

**GER 304: Conversation and Composition I**

Instructor: Staff

Offered X\_ Fall ☐ X\_Spring

Frequency and Duration of Meetings: 3 X 50 plus 50 minute weekly tutorial

Prerequisites: GER 301 or equivalent or permission of the instructor

Course Fee Amount: s

Units: 1.0

Check one option: ☒ Standard grading (Students in the course will receive numeric grades unless they declare CR/NC or the course is a practicum or an internship)]

**Course Description:** This course is intended to help you improve your writing and speaking skills. ALL COMMUNICATION WILL BE CONDUCTED EXCLUSIVELY IN GERMAN. Although this is not specifically a content course we will learn some aspects of the history and culture of German-speaking countries to spur discussions and ideas for writing assignments. In written assignments attention should be given to the quality of the content, extending your

vocabulary range, and consistent grammar. For in-class discussions more attention will be given to communicating your intent rather than strict assessment of grammar. In support of these goals we will cover select grammar points presented in context in each chapter. This is an upper division course and it is assumed that you have already acquired a solid foundation in grammar.

### **HIST 350: World War II in the Pacific**

Instructor: Joseph W. Ho

Offered: Fall 2020 or Spring 2021

Prerequisites/Corequisites: None      Units: 1

Frequency/Duration of Meetings: M/W/F (M/F 10:30-11:35AM, W 10:30AM-12:20PM)

Grading: Standard

#### **Course Description:**

This course explores World War II in East Asia and the Pacific, looking at this devastating global conflict from interconnected Japanese, Chinese, and American perspectives. Military and civilian experiences, racial and gendered views, and the transformative roles of international media and wartime culture will feature prominently. Using diverse historical sources ranging from private letters to popular movies, we will investigate the causes, developments, and lasting repercussions of 20th century East Asia's most horrific war. Our approaches will be interdisciplinary, drawing from the wartime national histories of China, Japan, the United States, Korea, and Taiwan; global history; military history; and cultural studies.

### **KIN 210: Nutrition**

Instructor: Cousins, Yocum, Betz, Staff

Offered Fall X Spring

Frequency and Duration of Meetings: Monday, Wednesday, Friday for 65 min

Prerequisites: None      Corequisites: None      Course Fee Amount: \$ 0      Units: 1

Check one option: ☒ X Standard grading [Students in the course will receive numeric grades unless they declare

#### **Course Description:**

This course will provide students with the foundation for an understanding of the basics of nutrition. The focus will be on the application of nutritional principles to a daily dietary practice and how food choices can enhance health and reduce the risk of chronic diseases.

### **KIN 360: Course Title: Musculoskeletal Assessment**

Instructor: Hill

Offered ☐ Fall X Spring

Frequency and Duration of Meetings: M/W/F for 65 minutes

Prerequisites: KIN 233      Corequisites: None      Course Fee Amount: \$0      Units: 1.0

Check one option: ☒ X Standard grading [Students in the course will receive numeric grades unless they declare

**Course Description:**

This course will utilize hands-on skills, current literature, and evidence-based practices to understand and perform orthopedic physical assessments. Assessment skills including palpation, goniometry, manual muscle testing, special tests, and neurological evaluation techniques will be understood and applied in classroom lab setting. Students will learn how to take a patient history, identify signs and symptoms associated with a variety of orthopedic injuries and conditions, and document their findings appropriately. This course provides valuable information and clinical skills for students planning on pursuing careers in the orthopedic health care field.

**MUS 104: Gateway to Music**

Instructor: Parr, staff                      Offered: Fall (could also be offered in Spring if staffing permits)

Prerequisites/Corequisites: None              Units: 1

Frequency/Duration of Meetings: 3x/week for 65 minutes

Grading: Standard

**Course Description:**

This course will introduce students to the study of basic structural elements of music through analytic listening, notation, composition and in-class performance. Basic elements of music reading will be introduced. Musical examples will be drawn from a variety of styles: Western, classical, jazz/blues, rock/pop/R&B, and world music styles.

**PLSC 309: Religion and Research Methods in Comparative Politics**

Instructor: Dawid Tatarczyk

Offered                      Fall X Spring

Frequency and Duration of Meetings: T/Th 2:15 - 4:05

Prerequisites: PLSC 100 and PLSC 102 (or PLSC 103)              Corequisites:      Course Fee:      Units: 1  
Standard grading

**Course Description:**

This course intends to expose students to two overlapping concerns: 1) what is the influence of religion on politics, and 2) what kind of research methods do political scientists use to study this relationship? This class is also meant to sharpen students' analytical skills by challenging them to think systematically about social science methods and how they relate to religion and politics. Since social scientists use different types of analytical models (e.g., game theory, statistical modeling) to simulate how religion affects politics, students in this class will pay special attention to the following concerns: 1) how was empirical evidence obtained and the extent to which the data is both internally and externally valid; 2) does the resulting model allow us to make a prediction about future outcomes, and how accurate these predictions are; 3) what are the limits of modeling in social sciences; and finally 4) in what ways modeling can enhance or inhibit the development of knowledge in social and applied sciences. Although a significant part of the class will focus on the role of religion in America, the in-depth exploration of the subject will also expose students to scholarship examining how religion matters in different cultural and political settings.

**SPAN 203: Intermediate Spanish: Politics in Music and Film**

## Standard grading

Development of the four skills necessary to acquire a second language at an intermediate level (listening, speaking, reading and writing) and an examination of identity in politics and music in the Spanish-speaking world. Conducted in Spanish. Tutorials with teaching assistants are integrated into the course.

## Standard grading

This course examines the black experience in Latin America, beginning with the TransAtlantic Slave Trade, up to contemporary social movements in the United States, Venezuela, Colombia, Cuba, Brazil, and the island of La Hispaniola (the Dominican Republic and Haiti). The content of the course will include literature, film, and music in Spanish, or translated to English from Haitian Creole and Portuguese.

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ARTH 113	World Art
ARTH 115	Art of the Western World
ARTH 209	Art of Rome and Greece
ARTH 262	Pottery and Japanese Traditions
ARTH 314	Art of Rome
ARTH 328	Encounters: Indian Art
ARTH 329	Art of Constantinople
PLSC 205	Theories of Democracy
PLSC 220	Interest Groups
PLSC 305	Government and Politics of Japan
PLSC 368	Liberals and Conservatives

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Course Change Committee approved revisions to the following courses:

**BIOL 337/CHEM 337: Biochemistry**

**Change in prerequisites from Chem 154 and Chem 212 or BIOL 300 to CHEM 212.**

CHEM 337: Biochemistry

Instructor: Rohlman, Streu

Offered: X Fall X Spring

Frequency and Duration of Meetings: 3 x65 minutes per week

Prerequisites: **CHEM 212** Corequisites: Course Fee: \$ 0 Units: 1

Standard grading

**ENGL 223: Introduction to Writing Creative Nonfiction**

**ENGL 275: Screenwriting Fundamentals**

**Change in prerequisites:** Completion of English 101 or English 101H with a grade of 2.0 or better, recommendation of student's instructor in ENGL 100, advanced placement in English or permission of instructor.

ENGL 223: Introduction to Writing Creative Nonfiction

Instructor: Brown, Mesa

Prerequisite: **Completion of English 101 or English 101H with a grade of 2.0 or better, recommendation of student's instructor in ENGL 100, advanced placement in English or permission of instructor.**

**Course Description:**

A study of creative nonfiction in its various forms. Discussion of the ways in which writing creative nonfiction (memoirs, personal essays, etc.) differs from journalistic writing and the ways in which it employs lyrical and fiction-writing techniques. Students will write and revise their own creative nonfiction (minimum 30 pages). Requires written critiques of fellow writers' work and extensive reading in and writing about contemporary creative nonfiction. Brown, Mesa.

ENGL 275: Screenwriting Fundamentals

Instructor: Brown

Prerequisite: **Completion of English 101 or English 101H with a grade of 2.0 or better, recommendation of student's instructor in ENGL 100, advanced placement in English or permission of instructor.**

**Course Description:**

An intensive study of feature-film screenplay format and structure, including a workshop of student step outlines, treatments, and screenplays. In the first part of the semester, students are assigned exercises addressing specific screenwriting issues, including character, setting, dialogue, and subtext, and read and analyze already-produced screenplays. In the second part, students write and revise a short (minimum 30-minute) script. Brown.

**Old Course Number: KIN 207**

**New Course Number: KIN 101**

**KIN 101: Introduction to Kinesiology**

Instructor: **Betz, Cousins, Yocum, Hill, Staff**

Offered X Fall X Spring

Frequency and Duration of Meetings: **Monday, Wednesday, Friday 65 minutes**

Prerequisites: **None**      Corequisites: **None**      Course Fee Amount: **\$0**      Units: **1.0**

Standard grading

**Old Course Number & Title: KIN 213: Athletic Injuries Prevention & Treatment**

**New Course Number & Title: KIN 206: Care and Prevention of Athletic Injuries**

**KIN 206 will not fulfill ethnicity category requirement.**

**Old Course Description:**

An overview of basic physical activity/exercise related injury prevention and treatment procedures; including assessment, rehabilitation techniques, therapeutic modalities, and management and administration. Cultural competence in medical and healthcare settings will be an overriding theme in this course.

**New Course Description:**

This course will provide a broad overview of athletic injuries and illnesses, preventative measures, and basic means of treatment for these injuries. The role of various allied health professions that come in contact with athletic injuries will be discussed. The topics covered will include epidemiology, athletic injuries/illnesses, injury prevention variables, and healthcare ethics. Basic prevention, evaluation, and care techniques of the most common injuries seen in the athletics setting will be discussed. Hands on skills learned in lab setting will include splinting, taping, and application of elastic wraps.

**Old Course Number: KIN 211: Human Systems Anatomy**

**New Course Number: KIN 230: Human Systems Anatomy**

**Old Course Description:**

Emphasizes the body systems most involved with human movement, sport and exercise (e.g., skeletal, muscular, cardiovascular, nervous and respiratory). Provides basic information on systems considered less important to human movement (e.g., integumentary, lymphatic, urinary, digestive and endocrine).

**New Course Description:**

This course is a study of the anatomical structure of the human body, from microscopic to gross structures across the organ systems. Of particular importance is: (1) the complementarity of human anatomy structure and function, (2) the interrelationships between organ systems, and (3) the application of anatomical knowledge to common diseases and clinical conditions.

**Old Course Number: KIN 240: Sports Nutrition - .50 unit**

**New Course Number: KIN 315: Sports Nutrition – 1.0 unit**



**KIN 315: Sports Nutrition**Instructor: **Cousins, Betz, Yocum, Staff**Offered **X** Fall **X** SpringFrequency and Duration of Meetings: **Monday, Wednesday, Friday 65 min**Prerequisites: **None** Corequisites: **None** Course Fee Amount: \$ **0** Units: **1**

Standard grading

**Old Course Description:**

Introduction to nutrition as the study of foods and their effects upon health, development and performance of the individual. Emphasizes the role nutrition plays in the improvement of athletic performance and the physiological processes of nutrient utilization by the human body.

**New Course Description:**

This course involves the study of the effect of nutrient selection, metabolism, and timing to support and improve human performance. Additionally, this course will cover use of ergogenic aids, dietary supplements, and will review the current literature in the field of sports nutrition.

**Old Course Number: KIN 382: Advanced Exercise Testing and Prescription****New Course Number: KIN 350: Science of Strength and Conditioning****Old Course Title: KIN 368: Kinesiology & Biomechanics****New Course Title: KIN 368: Biomechanics****KIN 368: Biomechanics**

Instructor: Yocum

Offered **X** Fall **X** SpringFrequency and Duration of Meetings: **M/W/F for 65 minutes**Prerequisites: **KIN 233**Corequisites: **None**Course Fee Amount: \$**0**Units: **1.0**

Standard grading

**Old Course Description:**

Applies anatomical knowledge and mechanical principles to skills in motor activity, exercise, sport and daily activities.

**New Course Description:**

Introduction to the study of biomechanics and its applications to human movement. This course emphasizes both quantitative and qualitative analyses of human movement using basic mechanical principles.

**Add laboratory to course:**

**KIN 369: Human Physiology**

Instructor: Betz, Cousins, Staff

Offered ☒ Fall ☐ Spring

Frequency and Duration of Meetings: M/W/F for 65 minutes + 2 hour 20 minute lab 1x week

Prerequisites: KIN 230      Corequisites: None      Course Fee Amount: \$0      Units: 1.0

Standard grading

**Old Course Description:**

An introduction to the study of the physiological phenomena presented by the human body. Focuses on the function of organs and organ systems and includes practical applications in kinesiology and the care and prevention of athletic injuries.

**New Course Description:**

This course focuses on the function of organs and organ systems and how they interact with each other to maintain homeostasis. This course includes three 65-minute lectures and a two hour and twenty-minute lab per week.

**Add laboratory to course:**

**KIN 379 Exercise Physiology**

Instructor: Betz, Cousins, Staff

Offered ☐ Fall ☒ Spring

Frequency and Duration of Meetings: M/W/F for 65 minutes + 2 hour 20 minute lab 1x week

Prerequisites: KIN 369      Corequisites: None      Course Fee Amount: \$0      Units: 1.0

Check one option: ☒ Standard grading [Students in the course will receive numeric grades unless they declare CR/NC or the course is a practicum or an internship]

**Old Course Description:**

An examination of the mechanisms and processes by which the body performs its various functions. Emphasis on cardiovascular, respiratory, muscular and nervous systems as they relate to physical activity.

**New Course Description:**

An examination of the mechanisms and processes by which the body performs its various functions. Emphasis on cardiovascular, respiratory, muscular and nervous systems as they relate to physical activity. This course includes three 65-minute lectures and a two hour and twenty-minute lab per week.

**Change in Prerequisites:**

**KIN 381: Foundations of Exercise Testing and Prescription**

Instructor: Betz, Cousins, Yocum, Staff

Offered ☐ Fall ☒ Spring

**Old Prerequisites:** KIN 240, KIN 368, and KIN 379

**New Prerequisites:** KIN 369

Frequency and Duration of Meetings: M/W/F for 65 minutes or T/R for 110 minutes

Corequisites: None  
Standard grading

Course Fee Amount: \$0

Units: 1.0

## II ANNOUNCEMENTS FROM THE PROVOST'S OFFICE

Registration is open for **ASIANetwork's** 28th Annual Conference, April 17 – 19, 2020, Hyatt Regency Columbus, Columbus, Ohio. This year's conference theme is *SEEING ASIA Visualizing, Envisioning, Reflecting*. The theme focuses on the visual in scholarship, pedagogy, and artistic expression in and about Asia, and on representations of Asia and Asians in various geographic and historical contexts. The physical and human landscapes of Asia have inspired countless depictions in forms such as objects and texts, and also portrayals in photography, cartography, and scientific data, many of which lend themselves to digital reproduction, dissemination, and analysis. Regional traditions in art and design have influenced aesthetics across Asia and outside of Asia. Today, as in the past, the peoples of Asia and the Asian diasporas strive to see and be seen in their political and cultural distinctiveness. In light of this complex, heterogeneous, fluid imagery, Asianists employ numerous disciplinary and interdisciplinary lenses in their work. To register, see: <https://member.asianetwork.org/event-3653307>.

## III SCHOLARLY AND PROFESSIONAL DEVELOPMENT

**Heather Betz** (Kinesiology) was just elected to the Board of Trustees for the American College of Sports Medicine (ACSM). ACSM has more than 50,000 members and certified professionals from 90 countries around the globe. Representing 70 occupations within the sports medicine field, ACSM is the only organization that offers a 360-degree view of the profession. Heather will begin her term at the close of the 2020 Annual Meeting in San Francisco in May.

Additionally, Heather has been invited to speak at the May Mania event conference at the VistaTech Center at Schoolcraft College in Livonia for the AAPC - Novi Michigan Chapter. AAPC is the world's largest training and credentialing organization for the business of healthcare, with more than 190,000 members worldwide who work in medical coding, medical billing, clinical documentation improvement, medical auditing, healthcare compliance, revenue cycle management, and practice management. Heather will be presenting a talk titled Exercise is Medicine.

**Zach Fischer** (Theatre) will play Marshall Boyle in the Tipping Point Theatre's upcoming production of "Prelude to a Kiss" (May 28-June 28, in Northville, MI) - [www.tippingpointtheatre.com](http://www.tippingpointtheatre.com).

**Joseph Ho's** (History) translation from Chinese of a book chapter by Yixiong Wu (Professor of History, Sun Yat-sen University, China) was accepted for publication in a forthcoming edited volume by Brill Publishers, organized by the University of San Francisco's Ricci Institute for Chinese-Western Cultural History. The chapter is entitled "Citizens Who Believe in Jesus: Nationalism and Problems of Chinese Christian Identity, 1920-1929" (Xin yesu de guomin: Minzu zhuyi yu 1920 niandai zhongguo jidu tu de shenfen wenti).

Joseph is an invited panelist for a March 13-14 symposium at Oberlin College on “Teaching and Learning with Objects for College Librarians, Archivists, and Community Curators.” He will speak on hands-on applications of special collections material in liberal arts institutions, instructor-archivist collaborations, and historical technologies in the classroom.

On March 19, Joseph will chair the 2020 annual meeting of the China Christianity Studies Group (CCSG), affiliated with the Association for Asian Studies and to be held at the Boston University School of Theology.

On March 20, Joseph will present a paper entitled “Reframing Community: Photographic Imaginations of Christian Diaspora in Cold War China and Taiwan” at the Association for Asian Studies 2020 Annual Conference, to be held March 19-22 in Boston, Massachusetts. This paper is part of a panel he organized entitled, “Tracing Faith, Making History: Materializing Transnational Christianities in Modern China and Taiwan.”

Joseph was recently invited to serve as a faculty reviewer for the Research Grants Council (RGC) of Hong Kong.

**Madeline Marshall** (Geology) recently had an abstract accepted for presentation at the SEPM International Sedimentary Geosciences Congress in Flagstaff (AZ) in late April:

Marshall, M.S., Sharp, N.D., and Warme, J.E., Terrestrial paleoenvironments and transgressive history of the Devonian Temple Butte Formation in eastern Grand Canyon.

Madeline also gave an invited seminar at the Denver Museum of Nature and Science in February: Paleocology, taphonomy, and paleoenvironments of the Permian Phosphoria Rock Complex.

**David Seely** (Physics) had two articles recently published:

T. Zhang, D. Wulf, D. McCammon, D. G. Seely, V. M. Andrianarijaona, and C. C. Havener “High-resolution charge exchange x-ray emission at solar wind velocities,” (invited talk) ORNL work, AIP Conf. Proceedings 2160, 070004 (2019).

A. Roy, C. Ambarish, D. Wulf, F. Jaeckel, D. McCammon, D.G. Seely, V. M. Andrianarijaona, R. T. Zhang, C. C. Havener “X”-ray Emission Following Charge Exchange with Atomic H using Merged-Beams”, Southeast Laboratory Astrophysics Community (SELAC) Conference, Clemson University, May 23-26, 2019.

In January, **Nicolle Zellner** (Physics) served as Chairperson of the prestigious Gordon Research Conference on the Origins of Life (<https://www.grc.org/origins-of-life-conference/2020/>). She was responsible for inviting speakers and discussion leaders and securing funding (\$102,000 from NASA, the Geochemical Society, and other funding agencies) to support their registration and travel and that of early career investigators. **Vanessa McCaffrey** (Chemistry) was lead author on one poster, and Nicolle presented two others.

Nicolle was also interviewed for an article that appeared in the February 2020 issue of Astronomy magazine. This article, “Cataclysm in the early solar system,” summarized our current

understanding of the timing of impact events during the first billion years of Earth's (and the Moon's) history, to which her work applies.

In February, Nicolle was the American Astronomical Society's Harlow Shapley Visiting Lecturer and the Sigma Xi Lecturer at the College of Charleston and The Citadel in South Carolina. Over two days, she gave two public talks and one research talk to almost 200 people.