

THE DEANERY

REVISED EDITION

**ALBION COLLEGE
ACADEMIC NEWSLETTER**

**VOLUME 46, NUMBER 6
MARCH 28, 2018**

ANNOUNCEMENTS FOR THE NEXT DEANERY ARE DUE APRIL 6, 2018.

I ANNOUNCEMENTS FROM COMMITTEES

Curriculum & Resources Committee:

The Curriculum & Resources Committee has approved:

Revisions to the Ethnic Studies major and minor to delete ETHN 260 Caribbean Identity and Migration from the curriculum. The course was designed and taught by Dr. Diana Ariza, who no longer teaches at the College, and to add two new courses: Dr. Allison Harnish's ANTH 256: Native North America and Dr. Brad Chase's ANTH 238: South Asian Identities and to add two additional electives.

The revised Catalog description for the Ethnic Studies Major/Minor is as follows:

Majors and Minors

Requirements for Major

- Eight units, including the following:

Ethnic Studies 103, one unit.

Five units from an approved list of courses (see below). These courses, to be selected in consultation with the program chair, must include two at the 200-level and three at the 300-level. They must be selected from three different departments.

An ethnic studies-related internship (or off-campus experience), one unit. The internship, providing hands-on experience with other racial or ethnic communities, may be completed in ethnic communities elsewhere in the United States or in study and research in ancestral communities or multi-ethnic communities outside the United States. Students upon returning must schedule an appointment with the ethnic studies faculty and submit evaluation form(s) and journal report to the ethnic studies faculty on how their experience has enhanced their multicultural understanding of the world. Students, working in consultation with the program chair, are encouraged to explore a variety of options for the internship experience.

Ethnic Studies 370, one unit.

Ethnic Studies Major Electives

The following courses may be used to fulfill the elective component in the ethnic studies major.

Anthropology and Sociology

- ANTH 238: South Asian Identities (1 Unit)
- ANTH 256: Native North America (1 Unit)
- ANTH 280: Children of Immigrants (1 Unit)
- SOC 280: Children of Immigrants (1 Unit)
- SOC 345: Race and Ethnicity (1 Unit)

Art History

- ART 312: Race and Its Representation in American Art (1 Unit)

Communication Studies

- COMM 213: Intercultural Communication (1 Unit)

Economics and Management

- E&M 322: Issues in Modern Political Economy (1 Unit)
- E&M 354: Labor Economics (1 Unit)

Education

- EDUC 202: Foundational Contexts of Education (1 Unit)

English

- ENGL 211: Latina/o Literature (1 Unit)
- ENGL 360: The Problem of Race in American Literature (1 Unit)

Ethnic Studies

- ETHN 260: Caribbean Identity and Migration (1 Unit)
- ETHN 270: Hip Hop and Social Change (1 Unit)
- ETHN 280: Children of Immigrants (1 Unit)

French

- FREN 330: French Louisiana: The Cajun and Creole Experiences (1 Unit)

Ethnic Studies 9

History

- HIST 142: Modern Latin America History (1 Unit)
- HIST 243: African American History, 1865 to the Present (1 Unit)
- HIST 270: Latin American Immigration and the U.S. (1 Unit)
- HIST 300: Slave Societies of the Americas (1 Unit)
- HIST 385: British India (1 Unit)
- HIST 340: History of Women in the U.S., 1877-Present (1 Unit)

- HIST 398: The 1960s (1 Unit)

Modern Languages and Cultures

- MLAC 107: “Our Americas”: Crossing Borders, Cultures and Histories (1 Unit)

Spanish

- SPAN 362: Key Issues in U.S. Latino/Chicano Literature and Culture (1 Unit)

Theatre

- THEA 372: Postmodernism and Theatre (1 Unit)

Selected 189, 289, 389 Courses (as approved by the Ethnic Studies Chair)

Requirements for Minor

- Elective courses should be selected in consultation with an ethnic studies faculty member and reported to the Ethnic Studies Program chair.
- All courses must be taken for a numerical grade, except those offered only on a credit/no credit basis.

Five Units, Including:

- ETHN 103: Introduction to Ethnic Studies (1 Unit)
- ETHN 370: Theories and Methods in Ethnic Studies (1 Unit)
- Three units from the elective ethnic studies courses; and
- Elective ethnic studies courses must come from at least two of the lists below.

Ethnic Studies Minor Electives

List 1: Arts and Humanities*

- ART 312: Race and Its Representation in American Art (1 Unit)
- ENGL 211: Latina/o Literature (1 Unit)
- ENGL 360: The Problem of Race in American Literature (1 Unit)
- ETHN 270: Hip Hop and Social Change (1 Unit)
- FREN 330: French Louisiana: The Cajun and Creole Experiences (1 Unit)

Ethnic Studies 10

- MLAC 107: “Our Americas”: Crossing Borders, Cultures and Histories (1 Unit)
- SPAN 362: Key Issues in U.S. Latino/Chicano Literature and Culture (1 Unit)
- Theatre 372: Postmodernism and Theatre

List 2: Politics and Society*

- ANTH 280: Children of Immigrants (1 Unit)
- SOC 280: Children of Immigrants (1 Unit)

- SOC 345: Race and Ethnicity (1 Unit)
- COMM 213: Intercultural Communication (1 Unit)
- E&M 289: Selected Topics (1 Unit)
- Diversity and Education (1 Unit)
- Social Movements (1 Unit)

List 3: History of Ethnic Communities*

- ANTH 238: South Asian Identities
- ANTH 256: Native North America
- HIST 142: Modern Latin America History
- HIST 142: Modern Latin America History (1 Unit)
- HIST 243: African American History, 1865 to the Present (1 Unit)
- HIST 270: Latin American Immigration and the U.S. (1 Unit)
- HIST 300: Slave Societies of the Americas (1 Unit)
- HIST 385: British India (1 Unit)
- HIST 340: History of Women in the U.S., 1877-Present (1 Unit)
- HIST 398: The 1960s (1 Unit)

Note

* Or courses approved by the Ethnic Studies Program.

#

Curriculum & Resources Committee has approved a revision to the Biochemistry major to change the final course in the major from 0.5 units to 1.0 units. This change falls within the allowable number of credits for a major. The chief impetus for the change is feedback from the external review in the fall of 2017. The reviewers suggested the addition of a second semester of biochemistry to bring our courses into line with our comparator institutions. This change is anticipated to allow the department to more effectively meet the learning objectives for a Biochemistry major as outlined by the American Society for Biochemistry and Molecular Biology.

This is not a new program and this curricular change is not expected to change the program's impact to the liberal arts mission of the College. Under normal circumstances, all students enrolled in this course are in their final semester at Albion College. In general, these students take Biophysical Chemistry as part of a 3.5-4.0 unit semester in anticipation of the workload in the course. Conversion to 0.5 units would also bring course credit into alignment with expectations.

CHEM 351: Biophysical Chemistry

(1 Unit)

Prerequisites: CHEM 301, CHEM 337.

Examination of the physical chemistry of macromolecules in living systems. A study of thermodynamics, kinetics, ligand binding and spectroscopy related to the understanding of macromolecular structure and function. Rohlman.

#

Curriculum & Resources Committee approved a revision to the statistics minor. Math 310 used to be the final course of the statistics minor. However, when that class was removed from the Catalog a replacement class was not added to the statistics minor description - which was not the department's intent. Math/CS planned to replace Math 310 with Math 311.

The current Catalog copy reads:

Requirements for the Minor in Statistics

Not open to mathematics majors.

Math 299: Colloquium in Mathematics and Computer Science (1/4 unit)

Six Units in Mathematics, Including

Math 141: Calculus of a Single Variable (1 unit)

Math 143: Calculus of a Single Variable (1 unit)

Math 209: An Introduction to Statistics (1 unit)

Math 245: Multivariate Calculus (1 unit)

Math 309: Mathematical Statistics (1 unit)

Revised Catalog copy will read:

Requirements for the Minor in Statistics

Not open to mathematics majors.

Math 299: Colloquium in Mathematics and Computer Science (1/4 unit)

Six Units in Mathematics, Including

Math 141: Calculus of a Single Variable (1 unit)

Math 143: Calculus of a Single Variable (1 unit)

Math 209: An Introduction to Statistics (1 unit)

Math 245: Multivariate Calculus (1 unit)

Math 309: Mathematical Statistics (1 unit)

Math 311: Regression and Time Series Models (1 unit)

* * *

Curriculum & Resources Committee approved the request from the Honors Program and its committee to allow Honors courses to count for category credit.

Currently, each interdisciplinary Great Issues seminar course offered in the Honors Program must meet the criteria for one of the five Modes of Analysis (Artistic Creation, Historical and Cultural Analysis, Modeling and Analysis, Scientific Analysis, or Textual Analysis). We are requesting that some Great Issues courses be allowed to fulfill Category requirements instead of Mode requirements.

This change will be beneficial to our students in helping them fulfill their graduation requirements. We currently have some students who do not complete the coursework for Honors, in part because they may get several Modes in their majors and minors and feel that more Honors courses may not help them meet those College graduation requirements. In the past several years, we have had several students ask that an Honors course be allowed to count for a Category rather than a Mode. (No course will count for both Mode and Category.)

Prior to the addition of Modes and Categories to our Core Requirements, students in the Honors Program took their four courses as one from each Division. With changes in our core from just a distribution requirement to a core of modes, categories, LA 101, and distribution requirement, Larry Steinhauer, then Director of Honors, changed Honors course requirements to require that each Honors course fit into a Mode, and the following numbering system was developed to indicate the Division and the Mode of Inquiry for any given course:

Division	Mode of Analysis
HSP 12xH – Natural Science & Math	HSP 1x1H – Textual Analysis
HSP 13xH – Humanities	HSP 1x2H – Artistic Creation and Analysis
HSP 15xH – Social Sciences	HSP 1x3H – Scientific Analysis
HSP 17xH – Fine Arts	HSP 1x4H – Modeling and Analysis
	HSP 1x5H – Historical and Cultural Analysis

For example, a course in Social Sciences with Historical and Cultural Analysis Mode would have course number HSP 155H; a Humanities course in Textual Analysis would be HSP 131H.

There is room to add the numbers 6-9 for Categories, should this proposal be approved. A numbering system might be:

HSP 1x6H – Environmental Studies	1x8H – Gender Studies
HSP 1x7H – Ethnicity Studies	1x9H – Global Studies

Catalog copy (The Prentiss M. Brown Honors Program occurs in several places in the Catalog)

pp. 14-15
Institutes, Programs and Centers (revisions in red)

Prentiss M. Brown Honors Program

The Prentiss M. Brown Honors Program is designed for students interested in challenges and opportunities that go beyond those offered by traditional lecture and laboratory courses. Through small discussion-based classes, field trips, retreats, guest lecturers, independent research and individualized faculty mentoring, the Program provides a stimulating variety of academic experiences for talented students. All Brown Honors Program graduates culminate their academic experience with an extensive research or creative project. Participation in the Program may be combined with any major and with any of Albion's career preparation programs in law, medicine, public service, environmental science, or business management.

Academic Program—The academic requirements and course descriptions for the Honors Program appear in the Programs of Study section of this catalog.

Special Features—The Prentiss M. Brown Honors Program Center is located in the historic Observatory building and contains a seminar room for Honors classes, the Honors coordinator's office, as well as meeting, library, computing and study areas for Honors students and their guests. Finally, the Program provides Honors students with opportunities to participate in our Prentiss M. Brown Common Reading Experience, attend popular cultural attractions, have special access to distinguished campus visitors, and to plan and run a variety of other social and intellectual activities through participation in the Honors Council.

Admission—Albion's Brown Honors Program accepts applications from students who show superior academic promise. Recognizing there is no one criterion by which academic potential is measured, the Honors Committee annually selects a group of applicants whose high school records, scores on national tests, essays and personal interviews indicate exceptional promise. Currently enrolled Albion College students, as well as high school seniors, may apply for admission to the [Institute Program](#). Contact the Brown Honors Program director at honors@albion.edu for more information.

Apply to the Brown Honors Program. Contact the director for more information.

pp. 260-262 of Catalog (revisions in red)

Honors Program Faculty and Staff

E. Dale Kennedy, director, Prentiss M. Brown Honors Program; professor of biology. B.A., 1975, College of Wooster; M.A., 1979, University of North Carolina, Chapel Hill; Ph.D., 1989, Rutgers University.

Carrie Booth Walling, associate director, Prentiss M. Brown Honors Program; associate professor of political science. B.A. 1997, Michigan State University; MSciEcon. 1998, University of Wales, Aberystwyth; M.A. 2006, University of Minnesota; PhD. 2008, University of Minnesota.

Introduction

Although they are not separated from the campus at large, students in the Prentiss M. Brown Honors Program do enroll in four unique Honors seminar courses in their first three years. Great Issues in Science, Humanities, Social Science and Fine Arts all explore topics of current interest through the use of classical and contemporary readings. Through their small size, discussion format and emphasis on critical thinking and writing, these special courses encourage students to value ideas and to play active roles in their own intellectual development. They also fulfill the special core curriculum for Honors students.

Admission—Students must be admitted to the Brown Honors Program. Visit the program's website for admission requirements and information on the application process.

Program Requirements

In the "Academics at Albion" section of this catalog, the College's core curriculum is described.

Parts II and III of this curriculum requires that all students take a course that will introduce them to each of the following five Modes of Inquiry and four Categories:

- | | |
|-------------------------------------|--------------------------|
| 1. Textual Analysis | 1. Environmental Studies |
| 2. Artistic Creation and Analysis | 2. Ethnicity Studies |
| 3. Scientific Analysis | 3. Gender Studies |
| 4. Modeling and Analysis | 4. Global Studies |
| 5. Historical and Cultural Analysis | |

Since each Honors course fulfills a Modes of Inquiry or Category requirement of the College's core curriculum, Honors students can satisfy as many as four of this ~~five-course nine-course~~ requirement with Honors classes. Additionally, Honors students can satisfy part of the College's distribution requirement (one fine arts course, two humanities courses, two science courses and two social science courses) by taking Honors seminars.

Students take four Honors courses, one from each of the four divisions of the College.

All courses to meet the Honors core must be taken for a numerical grade.

To guide Honors students in their selection of Great Issues courses, the following numbering system is used:

HSP 12xH—Natural Science & Mathematics	HSP 1x1H—Textual Analysis
HSP 13xH—Humanities	HSP 1x2H—Artistic Creation and Analysis
HSP 15xH—Social Sciences	HSP 1x3H—Scientific Analysis
HSP 17xH—Fine Arts	HSP 1x4H—Modeling and Analysis
HSP 1x5H—Historical and Cultural Analysis	 HSP 1x6H – Environmental Category HSP 1x7H – Ethnicity Category HSP 1x8H – Gender Category HSP 1x9H – Global Category

For example, HSP 154H would be a Great Issues in Social Science seminar that satisfies the Modeling and Analysis Mode; **HSP 126H would be a Great Issues in Science seminar that satisfies the Environmental Studies Category.**

Honors Program Courses

HSP 12xH Great Issues in Science (1)

A seminar for Prentiss M. Brown Honors Program students in which they read and discuss classic and modern works in the history, philosophy, methodology and ethics of science and technology. All seminars fulfill one of the Modes of Inquiry or Category requirements of the College's core curriculum. Staff.

HSP 13xH Great Issues in Humanities (1)

A seminar for Prentiss M. Brown Honors Program students in which they read and discuss classic and modern works of philosophers and humanists. All seminars fulfill one of the

Modes of Inquiry or Category requirements of the College's core curriculum. Staff.

HSP 15xH Great Issues in Social Science (1)

A seminar for Prentiss M. Brown Honors Program students in which they read and discuss classic and modern works on methodology, philosophy and policy issues in the social sciences. All seminars fulfill one of the Modes of Inquiry or Category requirements of the College's core curriculum. Staff.

HSP 17xH Great Issues in Fine Arts (1)

A seminar for Prentiss M. Brown Honors Program students in which they explore, through representative readings, exhibits, concerts, performances and lectures, major issues in the development of the fine arts: the relationship between the artist and society, the evolution of critical theory in the arts and the nature of creativity. Individual courses may focus on the visual arts, music, theatre, film or dance. All seminars fulfill one of the Modes of Inquiry or Category requirements of the College's core curriculum. Staff.

HSP 289H Selected Topics (1)

Prerequisite: Permission of the Prentiss M. Brown Honors Program director. An examination of a special topic which is not included in the regular curriculum. Staff.

HSP 397H Thesis Development Colloquy (1/4)

A workshop open to Prentiss M. Brown Honors Program juniors and second semester sophomores which guides them through the process of finding and developing a thesis topic and assembling a thesis committee. Students also develop their library research and other thesis-related skills. In the semester they enroll in the colloquy, Honors students may take up to 4 3/4 units without additional tuition charge. Offered on a credit no credit basis. Staff.

HSP 422H Honors Thesis (1/2-1)

Directed independent study leading to the submission of an Honors Thesis. Normally, students begin their thesis research in the second semester of their junior year by enrolling for 1/2 unit of Honors Thesis credit with their thesis adviser. This process continues during the students' senior year when they normally take another one to two units of Honors Thesis credit in order to complete their research and write up their results. In the semesters they enroll for Honors Thesis credit, Honors students may take up to five units (where 1/2 unit is for thesis credit) without additional tuition charge.

#

Course Change Committee:

Course Change Committee has approved the following new courses:

Course Number: E&M 319

Instructor: Bedient, Carlson

Frequency and Duration of Meetings: two classes per week, 50 minutes per class

Prerequisites: E&M 212 and E&M 311 or permission of instructor

Corequisites: E&M 312 Course Fee Amount: Units: 0.5

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]
_____ Grading is numeric only
_____ CR/NC only

Course Description: This course revisits topics addressed in multiple accounting courses, with the aim of helping students to consolidate their knowledge and develop reliable intuitions based on underlying accounting principles. Bedient, Carlson.

Course Number: E&M 320 **Title:** Consumer Behavior
Instructor: Yayla **Offered** Fall Spring
Prerequisite: E&M 220 and PSYC 101 **Corequisites:**
Course Fee Amount: \$ **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]
 Grading is numeric only
 CR/NC only

Course Description: Applies psychology and economics to analyze how marketers create value for customers, what motivates shoppers to buy, and how consumers process information and make decisions. Also addresses persuasion techniques, cross-cultural influences on consumer behavior, and the impact of corporate reputation on consumer choice. *Yayla.*

Course Number: E&M 321 **Title:** Marketing Research
Instructor: Yayla **Offered:** Fall Spring
Prerequisite: E&M 220 and one of the following statistics options: E&M 200, MATH 209, MATH 309, or both PSYC 204 and PSYC 206
Corequisites: **Course Fee Amount:** **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]
 Grading is numeric only
 CR/NC only

Course Description: Use of marketing data to inform managerial decision-making. Topics include defining research objectives, data sources for marketing, exploratory research methods, survey research design, observational research techniques, experimental design, sampling procedures, data collection and analysis, and communicating research findings. Hands-on computer work is an important part of the course. *Yayla.*

Course Number: E&M 324 **Title:** International Marketing
Instructor: Yayla
Prerequisite: E&M 220. **Offered** x Fall Spring
Frequency and Duration of Meetings: three classes per week, 65 minutes per class
Prerequisites: E&M 220 **Corequisites:** **Course Fee Amount:** **Units:** 1
Check one option: . x Standard grading [Students in the course will receive numeric grades unless they declare CR/NC or the course is a practicum or an internship]

Grading is numeric only
 CR/NC only

Course Description: Marketing across national borders, marketing within foreign countries, and the coordination of global marketing. Emphasis on the management response to conditions that differ from those in domestic marketing, e.g., foreign cultures, nationalism, government policies, business institutions, and level of economic development. Not offered every year. *Yayla.*

Course Number: E&M 325

Title: Data-Driven Digital Marketing

Prerequisite: E&M 220 and one of the following statistics options: E&M 200, MATH 209, MATH 309, or both PSYC 204 and PSYC 206

Offered x Fall Spring

Frequency and Duration of Meetings: three classes per week, 65 minutes per class

Prerequisites: E&M 220 and one of the following statistics options: E&M 200, MATH 209, MATH 309, or both PSYC 204 and PSYC 206

Corequisites: Course Fee Amount: Units: 1

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

Course Description: Overview of the rapidly changing field of digital marketing. Use of “big data” and machine learning to improve the effectiveness of digital marketing campaigns. Not offered every year. *Yayla.*

Course Number: E&M 329

Title: Marketing Strategy

Instructor: Yayla Offered: Fall Spring

Prerequisite: E&M 220. Additional prior courses in marketing are recommended.

Corequisites: Course Fee Amount: Units: 1

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

Grading is numeric only

CR/NC only

Course Description: Focuses on marketing’s role in gaining a sustainable competitive advantage. Emphasis is on the application of key concepts learned in other courses to analyze case studies and participate in a marketing simulation game. Requires students to write case reports, work in groups, and make a project presentation. *Yayla.*

Course Number: ETHN 250

Title: Education and Diversity

Instructor: Dominick Quinney

Offered x Fall xSpring

Frequency and Duration of Meetings: 2x/week, 220 minutes

Prerequisites: No Corequisites: No Course Fee Amount: \$ Units: 1

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

Grading is numeric only

CR/NC only

Course Description: This course introduces prospective educators to the ways in which social inequality affects schooling and schooling affects social inequality. This course is NOT a celebration of difference. Rather, this course is designed to allow students to examine how socially constructed categories (e.g., social class, race, gender, sexual orientation, disability, religion, etc.) are used to privilege some individuals and groups and marginalize others. The course focuses mostly on one social institution, urban public schools in the United States; however, we will examine how the other social institutions influence opportunities for success and failure in schools.

Course Number: HCI 100

Instructor: Rabquer

Title: Introduction to Medicine

Offered Fall Spring Summer

Frequency and Duration of Meetings:

Prerequisites: None Corequisites: None Course Fee Amount: \$ N/A Units: 0.25

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]

Grading is numeric only

CR/NC only

Course Description: An introductory study of Medicine. Explores features of the human body using physiological, neuroscientific, and biochemical approaches in lecture and laboratory settings. Examines ethical dilemmas in the context of medicine. Course is only open to Camp Med participants.

Course Number: HIST 372

Instructor: Sacks

Title: The Civil War and Reconstruction

Offered Fall Spring

Frequency and Duration of Meetings: Two times per week; 110 minutes per meeting

Prerequisites: at least sophomore standing and one prior history class

Corequisites: N/A Course Fee Amount: \$N/A 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]

Grading is numeric only

CR/NC only

Course Description: This course will explore the causes, course, and consequences of the American Civil War, from the 1840s to 1877. The primary goal of the course is to understand the multiple meanings of a transforming event in American history. Those meanings may be defined in many ways: national, sectional, racial, constitutional, individual, social, intellectual, or moral. We will especially examine three broad themes: the crisis of union and disunion in an expanding republic; slavery, race, and emancipation as national problem, personal experience, and social process; and the political and social challenges of Reconstruction. The course attempts to understand the interrelationships between regional, national, and African-American history.

Course Number: KIN 313

Instructor: Bob Moss

Title: Cadaver Dissection

Frequency and Duration of Meetings: 1 seminar day, and 3 hour lab per week

Prerequisites: permission of instructor. Corequisites: 0
Course Fee Amount: \$ 0 Units: .5
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]
 X Grading is numeric only
 CR/NC only

Course Description: This course is designed to provide the foundational components necessary to understand and perform appropriate therapeutic modality methods for physically active individuals. Specific strategies will be utilized to develop and plan systematic and thorough modality protocols. Current literature and techniques in the field will support the content of this course.

Course Number: MATH 100 Title: Mathematics Essentials
Instructor: TBA Offered X Fall Spring
Frequency and Duration of Meetings: Three classes per week, 65 minutes per class or two classes per week, 95 minutes/class
Prerequisites: Appropriate score on the mathematics placement assessment and permission of Department. Corequisites: Course Fee Amount: \$ Units: 1
Check one option: X Standard grading [Students in the course will receive numeric grades unless they declare CR/NC or the course is a practicum or an internship]
 Grading is numeric only
 CR/NC only

Course Description: A review of the basics from elementary algebra; absolute value equations and inequalities; radical and rational exponents; completing the square; the discriminant; quadratic inequalities; equations of lines; systems of equations; functions, polynomials and factoring, inverses and their graphs; word problems; exponential and logarithmic functions. Emphasizes simplifying expressions, solving equations, and graphing functions, including linear, quadric, polynomial, rational, radical, exponential and logarithmic. Problem solving and mathematical modeling will be integrated throughout. (Fall)

Course Number: MATH 120 Title: College Algebra
Instructor: TBA Offered X Fall X Spring
Frequency and Duration of Meetings: Three classes per week, 65 minutes per class or two classes per week, 95 minutes per class
Prerequisites: 2.0 or higher in Math 100 or equivalent, or appropriate score on the mathematics placement assessment Corequisites: Course Fee Amount: \$ Units: 1
Check one option: X Standard grading [Students in the course will receive numeric grades unless they declare CR/NC or the course is a practicum or an internship]
 Grading is numeric only
 CR/NC only

Course Description: A modern, unified approach to algebra and analytical geometry based on the concept of a function. Linear equations and inequalities, quadratic equations and inequalities, polynomials and rational functions, logarithms and exponential functions are normally covered. Emphasizes the use of graphing calculators and the use of mathematics as a problem-solving tool.

Covers applications in natural science, social science and business. Together with Math 127, serves as a preparation for calculus. Well-prepared students who already have a strong working knowledge of algebra, trigonometry and logarithms should elect MATH 141 in place of Mathematics 120. A graphing calculator is required. Not open to students who have completed Math 125. Staff.

Course Number: MATH 127

Instructor: TBD

Title: Trigonometry

Offered X Fall X Spring

Frequency and Duration of Meetings: Two classes per week, 50 minutes per class or one class per week, 95 minutes per class

Prerequisites: 2.0 or higher in Math 120 or equivalent, or appropriate score on the mathematics placement assessment Corequisites: Course Fee Amount: \$ Units: 0.5

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]

Grading is numeric only

CR/NC only

Course Description: Topics covered include the definition of trigonometric functions, graphs of the trigonometric functions, trigonometric identities, solving trigonometric equations, utilizing polar coordinates, and vector applications & operations. (Fall, Spring)

Course Number: MUS 179/179E

Instructor: Staff

Title: Applied Composition

Offered X Fall X Spring

Frequency and Duration of Meetings: 30 minutes/week for MUS 179; One hour/week for MUS 179E

Prerequisites: Music Theory 101 and 102 satisfactory completion, or permission of instructor.

Corequisites: Course Fee Amount: Applied lesson fees over .5 units; Music Majors' fees waived
Units: .25 and .5 units, respectively

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]

Grading is numeric only

CR/NC only

Course Description: Music composition lessons will provide the student with weekly private instruction in music composition. The goal of the course is guide the student towards becoming a more proficient and expressive composer as well as add to the student's compositional "tool belt" by leading the student towards new modes of expression. Upon consultation between the student and teacher, a final compositional project will be decided upon according to the student's interests, and the project will be expected to be completed by the end of the semester. Smaller compositional projects, score study assignments, and readings may also be assigned throughout the semester. Students will be expected to do weekly work towards completing the final project and/or weekly assignments.

Course Number: PLSC 310

Instructor: McLean

Title: State and Local Government

Offered Fall Spring

Frequency and Duration of Meetings:

Prerequisites: PLSC 101 or permission of instructor

Corequisites:

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]

Grading is numeric only

CR/NC only

Course description: This course will cover state and local government and politics with an emphasis on Michigan's state government and local governments. Topics will include the challenges facing government at both levels, including education, housing, economic development, revitalizing urban areas, and the changing relationship with Washington, D.C. Sections of the course will cover specific themes including campaigns and the Michigan political landscape; the Michigan economy; political leadership; and the legislative processes at both the state and local levels.

* * *

Course Change Committee has approved the following revisions to courses:

Old Course Number: E&M 235 – Economic Statistics

New Course Number: E&M 200 – Economic Statistics

Old Course Number: E&M 230 – Intermediate Microeconomics

New Course Number: E&M 201 – Intermediate Microeconomics

Old Course Number: E&M 232 – Intermediate Macroeconomics

New Course Number: E&M 201 – Intermediate Macroeconomics

Old Course Number: E&M 231 – Intermediate Microeconomics with Calculus

New Course Number: E&M 209 – Intermediate Microeconomics with Calculus

Old Course Number: E&M 379 - Econometrics

New Course Number: E&M 300 - Econometrics

The new numbering system makes clear that E&M 201 Intermediate Microeconomics is a more advanced course covering similar material to E&M 101 Principles of Microeconomics; E&M 202 Intermediate Macroeconomics is a more advanced course covering similar material to E&M 102 The Economy and Financial Markets; and E&M 300 Econometrics is a more advanced course covering similar material to E&M 200 Economic Statistics. No changes in the above proposals are substantive; the course titles, catalog descriptions, units of credit, instructors, and syllabi remain unchanged.

New Course Number: E&M 220 – Marketing Principles

Old Course Number: E&M 336 – Marketing Principles & Decision-Making

Old Catalog Description:

E&M 336: Marketing Principles and Decision-Making (1 Unit)

Prerequisite: Junior or senior standing, or permission of instructor.

Principles of modern marketing and techniques used to make marketing-based business decisions. Emphasis is placed on setting marketing goals and devising appropriate strategies and tactics to achieve the goals. Students put theories into practice with computer simulations and electronic spreadsheet models. Bedient.

New Catalog description:

E&M 220: Marketing Principles (1 Unit)

Prerequisite: E&M 101. PSYC 101 recommended.

An introduction to the role that product, price, promotion, and distribution play in marketing strategy and implementation. Addresses buyer behavior, market segmentation, and competitive positioning. Provides background needed for all 300-level marketing courses. Yayla.

Change in Prerequisite:

Old prerequisite for E&M 379 Econometrics:

Prerequisite: One of the following: MATH 209, MATH 309, or E&M 235.

New prerequisite for E&M 300 Econometrics:

Prerequisite: One of the following: MATH 209, MATH 309, or E&M 200.

Old Course Number: E&M 384 – Governmental & Not-for-Profit Accounting

New Course Number: E&M 310 – Governmental & Not-for-Profit Accounting

Old Course Number: E&M 341 – Federal Income Taxation

New Course Number: E&M 313 – Federal Income Taxation

Old Course Number: E&M 343 – Advanced Taxation & Corporate Transactions

New Course Number: E&M 314 – Advanced Taxation & Corporate Transactions

Change in Prerequisite to reflect new course numbering:

Old Prerequisite: E&M 341

New Prerequisite: E&M 313

Old Course Number: E&M 385 – Advanced Taxation

New Course Number: E&M 315 – Advanced Taxation

Change in Prerequisite to reflect new course numbering:

Old Prerequisite: E&M 341

New Prerequisite: E&M 313

Old Course Number: E&M 342 - Auditing

New Course Number: E&M 316 – Auditing

Old Course Number: E&M 383 – Accounting Information Systems

New Course Number: E&M 317 – Accounting Information Systems

Old Course Number: E&M 386 – Accounting for Business Consolidations

New Course Number: E&M 318 – Accounting for Business Consolidations

The above changes to course numbers of seven accounting courses were approved to be consistent with E&M 211, 212, 311, and 312. No changes in these proposals are substantive; the course titles, catalog descriptions, units of credit, instructors, and syllabi remain unchanged.

In two cases (E&M 314 Advanced Taxation and Corporate Transactions, currently numbered E&M 343; and E&M 315 Advanced Taxation, currently numbered E&M 385), the course number of a prerequisite changes, but the actual prerequisite remains the same course (E&M 313 Federal Income Taxation, currently numbered E&M 341). There are references to E&M 341, E&M 343, and E&M 385 in the catalog descriptions of E&M 343 and 385; these also need to be updated to reflect the new course numbers.

Old Course Number: E&M 331 – Money and Banking

New Course Number: E&M 345 – Money and Banking

Old Course Number: E&M 368 – Financial Markets

New Course Number: E&M 346 – Financial Markets

Approved course number changes to the two courses listed above, two finance courses, moving them to the 340's to be consistent with E&M 248, 344, and 348. No changes in proposals 14-15 are substantive; the course titles, catalog descriptions, units of credit, instructors, and syllabi remain unchanged.

Old Course Number: E&M 305 – Women in Business and Leadership

New Course Number: E&M 351 – Women in Business and Leadership

Old Course Number: E&M 376 – Negotiation and Dispute Resolution

New Course Number: E&M 352 – Negotiation and Dispute Resolution

Changes to the course numbers of E&M 351 and E&M 352 were approved, moving them to the 350's to be consistent with E&M 259, 350, 353, 355, 357, 358, and 359. No substantive changes in the course titles, catalog descriptions, units of credit, instructors, and syllabi were made.

Old Course Number: E&M 322 – Issues in Modern Political Economy

New Course Number: E&M 371 – Issues in Modern Political Economy

Old Course Number: E&M 323 – Government Economics and Policy

New Course Number: E&M 372 – Government Economics and Policy

Old Course Number: E&M 354 – Labor Economics

New Course Number: E&M 374 – Labor Economics

Changes to the course numbers of E&M 322, E&M 323, and E&M 354 were approved, moving them to the 370's. No changes in these proposals are substantive; the course titles, catalog descriptions, units of credit, instructors, and syllabi remain unchanged.

Old Course Number: E&M 380 – Mathematical Economics

New Course Number: E&M 309 – Mathematical Economics

Change in Prerequisite:

Old catalog description for E&M 380 Mathematical Economics:

Prerequisites: E&M 230 and at least one course in calculus.

Optimization and economic analysis, game theory and financial economics. Not offered every year. *Jaqua.*

Proposed new catalog description for E&M 309, with changes shown in red boldface:

E&M **309**: Mathematical Economics

Prerequisites: E&M **209** and at least one course in calculus.

Optimization and economic analysis, game theory and financial economics. Not offered every year. *Jaqua.*

Course Number: HIST 131

New title: The United States from Colonization to the Civil War

Old title: The United States from Colonization to 1877

This title more accurately reflects the actual period covered in this course. This course only goes through the Civil War; Hist 132 covers the Reconstruction period from 1865 and beyond.

Course Number: HIST 242

New title: African American History from Africa to the Civil War

Old title: African American History from Africa to 1865

This title clarifies the end point of the course. Given that students do not always know dates, “1865” may not be meaningful in explaining what material is covered in the course.

Course Number: HIST 333

New title: The Road to Revolution

Old title: Colonial America

This title is likely to be more appealing to students. “Colonial America” does not sound particularly exciting. It also fails to say anything about the focus of the course which is an examination of the long process of transitioning from disparate, dependent colonies into a single nation. The new description more closely matches the actual content of the course.

Course Number: HIST 381

New title: U.S. Immigration History

Old title: Race and Nationality in American Life

This title offers greater clarity about the subject of the course.

Change in Catalog Description:

Original Description

Course Number: CHEM 351

Prerequisites: Chemistry 301, 337.

Title: Biophysical Chemistry

½ unit

Examination of the physical chemistry of macromolecules in living systems. A study of thermodynamics, kinetics, ligand binding and spectroscopy related to the understanding of macromolecular structure and function. Rohlman.

Revised Description:

Course Number: CHEM 351

Prerequisites: Chemistry 301, 337.

Title: Biophysical Chemistry

1 Unit

Examination of the physical chemistry of macromolecules in living systems. A study of thermodynamics, kinetics, ligand binding and spectroscopy related to the understanding of macromolecular structure and function. Rohlman, Streu.

Course Number: PHYS 116

Instructor: Staff

Frequency and Duration of Meetings:

Course Fee Amount: \$

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]

Grading is numeric only

CR/NC only

Title: General Physics II

Offered Fall X Spring

Prerequisites: Physics 115 Corequisites:

Units: 1.0

Original Description

Various forms of energy and their interactions: mechanics, sound, heat, light, electricity, magnetism and atomic and nuclear physics. Includes analytical, historical and philosophical aspects. Lecture and laboratory.

Revised Description

Various forms of energy and their interactions: mechanics, sound, heat, light, electricity, magnetism and atomic and nuclear physics. Includes analytical, historical and philosophical aspects. Studio format. Course is equivalent to a traditional lecture and laboratory course.

Course Number: SPAN 302

Title: Advanced Oral and Written

Expression through Hispanic Film

Original description:

Proficiency Expected level of proficiency: SPAN 301 or equivalent, or permission of instructor. Development of communication skills in Spanish relative to grammar, syntax, appropriate registers, necessary vocabulary, non-verbal cues and culturally specific idiomatic usage. Also includes the processes of conversation development, thesis formation and strategies for argumentation operating within Hispanic cultural norms, as well as key contemporary issues of

importance to the Spanish-speaking world. Improves fluency through the viewing, analysis and interpretation of Hispanic film. Conducted in Spanish. Tutorials with teaching assistants are integrated into the course. Staff.

Revised description:

SPAN 302: Advanced Oral and Written Expression through Hispanic Film (1 Unit)

Proficiency Expected level of proficiency: SPAN 300 or SPAN 301 or equivalent, or permission of instructor.

Development of communication skills in Spanish relative to grammar, syntax, appropriate registers, necessary vocabulary, non-verbal cues and culturally specific idiomatic usage. Also includes the processes of conversation development, thesis formation and strategies for argumentation operating within Hispanic cultural norms, as well as key contemporary issues of importance to the Spanish-speaking world. Improves fluency through the viewing, analysis and interpretation of Hispanic film. Conducted in Spanish. Tutorials with teaching assistants are integrated into the course. Staff.

Course Number: SPAN 303

Title: Spanish for the Professions (1 Unit)

Original description:

Proficiency Expected level of proficiency: SPAN 301 or equivalent, or permission of instructor. Designed for students who are interested in studying Spanish in the context of activities related to the professional world (business, health care, education, finance, law, social work, etc.).

Emphasizes the specialized vocabulary of the professional world and requires a working knowledge of Spanish grammar. Includes topics ranging from specific professions, to generalized professional concerns, to translation. Conducted in Spanish. Staff.

Revised description:

SPAN 303: Spanish for the Professions (1 Unit)

Proficiency Expected level of proficiency: SPAN 300 or SPAN 301 or equivalent, or permission of instructor.

Designed for students who are interested in studying Spanish in the context of activities related to the professional world (business, health care, education, finance, law, social work, etc.).

Emphasizes the specialized vocabulary of the professional world and requires a working knowledge of Spanish grammar. Includes topics ranging from specific professions, to generalized professional concerns, to translation. Conducted in Spanish. Staff.

Course Number: SPAN 304

Title: Advanced Oral and Written Expression through Creative Writing

Original description:

Proficiency Expected level of proficiency: SPAN 301 or equivalent, or permission of instructor. Focus will vary, but may include the following: "Spanish/Latin American/ U.S. Latino Theatre," "Spanish/Latin American/ U.S. Latino Short Story" and "Spanish/Latin American/ U.S. Latino Poetry." Introduces the respective genre through readings of literary works and critical and theoretical studies. Includes development of a portfolio of creative writing projects produced individually and collaboratively. Conducted in Spanish. Oswald.

Revised description:

SPAN 304: Advanced Oral and Written Expression through Creative Writing (1 Unit)

Proficiency Expected level of proficiency: SPAN 300 or SPAN 301 or equivalent, or permission of instructor.

Focus will vary, but may include the following: “Spanish/Latin American/ U.S. Latino Theatre,” “Spanish/Latin American/ U.S. Latino Short Story” and “Spanish/Latin American/ U.S. Latino Poetry.” Introduces the respective genre through readings of literary works and critical and theoretical studies. Includes development of a portfolio of creative writing projects produced individually and collaboratively. Conducted in Spanish. Oswald.

Course Number: SPAN 305

Title: Multicultural Spain: Historical Perspectives and Current Issues

Original description:

Proficiency Expected level of proficiency: SPAN 301 or equivalent, or permission of instructor.

Explores Spanish society as a dynamic multicultural construct—Spain’s changing role in the world; the intersection of Castilian, Galician, Andalusian, Catalan and Basque cultures; shifting demographics, etc.—through the study of historical and literary texts, media sources, and other pertinent cultural artifacts. Studies the historical dimensions of the social phenomena and the historical reasons for the contemporary social, political and cultural situation. Conducted in Spanish. Oswald.

Revised description:

SPAN 305: Multicultural Spain: Historical Perspectives and Current Issues (1 Unit)

Proficiency Expected level of proficiency: SPAN 300 or SPAN 301 or equivalent, or permission of instructor.

Explores Spanish society as a dynamic multicultural construct—Spain’s changing role in the world; the intersection of Castilian, Galician, Andalusian, Catalan and Basque cultures; shifting demographics, etc.—through the study of historical and literary texts, media sources, and other pertinent cultural artifacts. Studies the historical dimensions of the social phenomena and the historical reasons for the contemporary social, political and cultural situation. Conducted in Spanish. Oswald.

Additional Prerequisite to Courses:**Course Number: SPAN 306**

Title: South American Identities and Cultural Perspectives

Original description:

Proficiency Expected level of proficiency: SPAN 301 or equivalent, or permission of instructor.

Examination of past, present and future struggles for identity and cultural perspective in South America, with a focus on the Southern Cone and Andes regions. Explores cultural artifacts such as music, visual arts, performance arts, literature, popular culture and folklore in South America from the pre-Columbian period to the twenty-first century. Conducted in Spanish. Staff.

Revised description:

SPAN 306: South American Identities and Cultural Perspectives (1 Unit)

Proficiency Expected level of proficiency: **SPAN 300** or SPAN 301 or equivalent, or permission of instructor.

Examination of past, present and future struggles for identity and cultural perspective in South America, with a focus on the Southern Cone and Andes regions. Explores cultural artifacts such as music, visual arts, performance arts, literature, popular culture and folklore in South America from the pre-Columbian period to the twenty-first century. Conducted in Spanish. Staff.

Course Number: **SPAN 307**

Title: Cultural Encounters: Caribbean, Central and North America

Original description:

Proficiency Expected level of proficiency: SPAN 301 or equivalent, or permission of instructor. Examines past, present and future struggles of cultural encounters and production in the Spanish-speaking Caribbean, Mexico and Central America. Explores cultural artifacts such as music, visual arts, performance arts, literature, popular culture and folklore from the legacy of the pre-Columbian period to the twenty-first century and considers this region's growing interaction with the United States. Conducted in Spanish. Staff.

Revised description:

SPAN 307: Cultural Encounters: Caribbean, Central and North America (1 Unit)

Proficiency Expected level of proficiency: **SPAN 300** or SPAN 301 or equivalent, or permission of instructor.

Examines past, present and future struggles of cultural encounters and production in the Spanish-speaking Caribbean, Mexico and Central America. Explores cultural artifacts such as music, visual arts, performance arts, literature, popular culture and folklore from the legacy of the pre-Columbian period to the twenty-first century and considers this region's growing interaction with the United States. Conducted in Spanish. Staff.

Course Number: **SPAN 314**

Title: Storytellers

Original description:

Proficiency Expected level of proficiency: SPAN 301 or equivalent, or permission of instructor.

An introduction to the workings of storytelling. Focuses on the short story as a genre to explore the different ways of narrating through key literary and cultural movements that have defined the Spanish-speaking world, including the oral and pre-Columbian traditions, romanticism, modernism and magical-realism. Conducted in Spanish. Staff.

Revised description:

SPAN 314: Storytellers (1 Unit)

Proficiency Expected level of proficiency: **SPAN 300** or SPAN 301 or equivalent, or permission of instructor.

An introduction to the workings of storytelling. Focuses on the short story as a genre to explore the different ways of narrating through key literary and cultural movements that have defined the Spanish-speaking world, including the oral and pre-Columbian traditions, romanticism, modernism and magical-realism. Conducted in Spanish. Staff.

Course Number: SPAN 315

Title: Hispanic Studies: Textual Analysis and Interpretation

Original description:

Proficiency Expected level of proficiency: SPAN 301 or equivalent, or permission of instructor. An introduction to the analysis, interpretation and appreciation of Hispanic literature and culture, focusing on a variety of cultural artifacts from the Spanish-speaking world (literature, painting, music, film, etc.). Special attention will be given to theoretical concerns. Conducted in Spanish. Staff.

Revised description:

SPAN 315: Hispanic Studies: Textual Analysis and Interpretation (1 Unit)

Proficiency Expected level of proficiency: **SPAN 300** or SPAN 301 or equivalent, or permission of instructor.

An introduction to the analysis, interpretation and appreciation of Hispanic literature and culture, focusing on a variety of cultural artifacts from the Spanish-speaking world (literature, painting, music, film, etc.). Special attention will be given to theoretical concerns. Conducted in Spanish. Staff.

Change from lab to studio format instruction:

Course Number: KIN 213

Title: Athletic Injury: Prevention and Treatment

Instructor: Hill

Offered X Fall X Spring Frequency and Duration of Meetings: 3 x 65 minutes

Prerequisites: na Corequisites: na Course Fee Amount: \$ na Units: 1

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

X Grading is numeric only for majors in exercise science

 CR/NC only

Original description:

An overview of basic sports-related injury prevention and assessment procedures, rehabilitation techniques, therapeutic modalities and athletic training management and administration.

Development of hands-on skills, such as taping, basic rehabilitation and modality implementation, in lecture and laboratory sessions. Cultural competence in medical and healthcare settings will be an overriding theme in this course.

Revised 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

Course Number: PHYS 116

Title: General Physics II

Instructor: Staff

Offered Fall X Spring

Frequency and Duration of Meetings:

Prerequisites: Physics 115

Corequisites: Course Fee Amount: \$

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]
 Grading is numeric only
 CR/NC only

Original Description

Various forms of energy and their interactions: mechanics, sound, heat, light, electricity, magnetism and atomic and nuclear physics. Includes analytical, historical and philosophical aspects. Lecture and laboratory.

Revised Description:

Various forms of energy and their interactions: mechanics, sound, heat, light, electricity, magnetism and atomic and nuclear physics. Includes analytical, historical and philosophical aspects. Studio format. Course is equivalent to a traditional lecture and laboratory course.

Course Number: PHYS 167

Title: Analytical Physics II

Instructor: Staff

Offered X Fall Spring

Frequency and Duration of Meetings: 3 Days per week for 130 minutes or 2 days per week for 195 minutes.

Prerequisites:

Corequisites: Math 141, or permission of instructor

Course Fee Amount: \$

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]

Grading is numeric only

CR/NC only

Original Description

A calculus-based survey of general physics. Topics include kinematics, dynamics, fluid mechanics, thermodynamics, wave motion, sound, electricity and magnetism, light and optics, relativity, quantum mechanics, atomic physics and nuclear physics. Lecture and laboratory.

Revised Description

A calculus-based survey of general physics. Topics include kinematics, dynamics, fluid mechanics, thermodynamics, wave motion, sound, electricity and magnetism, light and optics, relativity, quantum mechanics, atomic physics and nuclear physics. Studio format. Course is equivalent to a traditional lecture and laboratory course.

Course Number: PHYS 168

Title: Analytical Physics II

Instructor: Staff

Offered Fall X Spring

Frequency and Duration of Meetings: 3 Days per week for 130 minutes or 2 days per week for 195 minutes.

Prerequisites: Physics 167

Corequisites: Math 143 or permission of instructor

Course Fee Amount: \$

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]

Grading is numeric only

CR/NC only

Original Description

A calculus-based survey of general physics. Topics include kinematics, dynamics, fluid mechanics, thermodynamics, wave motion, sound, electricity and magnetism, light and optics, relativity, quantum mechanics, atomic physics and nuclear physics. Lecture and laboratory.

Revised Description

A calculus-based survey of general physics. Topics include kinematics, dynamics, fluid mechanics, thermodynamics, wave motion, sound, electricity and magnetism, light and optics, relativity, quantum mechanics, atomic physics and nuclear physics. Studio format. Course is equivalent to a traditional lecture and laboratory course.

Elimination of Prerequisite:

Course Number: THEA 251

Title: Acting 1

(1 Unit)

Original Prerequisites: THEA 111, THEA 209 or permission of instructor.

For the student with previous acting experience. Explores exercises, games and pantomimes to expand the physical, mental and emotional awareness used in acting. Includes script analysis and scene work.

Course Number: THEA 251

Title: Acting I

(1 Unit)

Revised Prerequisites: **None**

In the spirit of making this class, (and our department in general) more accessible to as many students as possible, we would like to waive the current prerequisite classes of THEA 111 (Intro to Theatre) and THEA 209 (Dramatic Analysis). None of the subject matter covered in the prerequisite classes is necessary to succeed in THEA 251. A diverse class made up of a variety of experience-levels and disciplines makes for the most engaging and effective class dynamic. This is a truly introductory course, and so it is only fitting that there be no previous Theatre coursework required.

Change in Prerequisite:

Course Number: MATH 119

Title: Finite Mathematics For Decision Making

Instructor: TBD

Offered X Fall X Spring

Frequency and Duration of Meetings: 4 classes per week, 65 minutes per class

Prerequisites: 2.0 or higher in Math 100 or appropriate score on the mathematics placement assessment. Corequisites: Course Fee Amount: \$ 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]

Grading is numeric only

CR/NC only

Old description:

An introduction to discrete mathematics. Applications are drawn from diverse areas including biological sciences, economics, political science and personal finance. Topics typically include graph theory, management science, statistics, the mathematics of social choice, game theory and the logical foundations of mathematics. Investigation and creation of mathematical models.

Intended for non-majors. Staff.

Revised description:

Prerequisites: 2.0 or higher in Math 100 or appropriate score on the mathematics placement assessment.

An introduction to discrete mathematics. Applications are drawn from diverse areas including biological sciences, economics, political science and personal finance. Topics typically include graph theory, management science, statistics, the mathematics of social choice, game theory and the logical foundations of mathematics. Investigation and creation of mathematical models.

Intended for non-majors. Staff.

Course Number: MATH 125

Instructor: TBD

Title: Precalculus

Offered X Fall X Spring

Frequency and Duration of Meetings: 4 classes per week, 65 minutes per class

Prerequisites: 2.0 or higher in Math 100 or appropriate score on the mathematics placement assessment.

Corequisites:

Course Fee Amount: \$

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]

Grading is numeric only

CR/NC only

Old description:

Prerequisite: Permission of department.

A modern, unified approach to algebra, trigonometry, logarithms and analytical geometry based on the concept of a function. Linear equations and inequalities, quadratic equations and inequalities, polynomials and rational functions, logarithms and exponential functions, trigonometric and inverse trigonometric functions, and analytic geometry (the circle, the parabola, the ellipse and the hyperbola) are normally covered. Emphasizes the use of graphing calculators and the use of mathematics as a problem-solving tool. Covers applications in natural science, social science and business. Serves as a preparation for calculus. Well-prepared students who already have a strong working knowledge of algebra, trigonometry and logarithms should elect MATH 141 in place of Mathematics 125. A graphing calculator is required. Staff.

Revised description:

Prerequisite: 2.0 or higher in Math 100 or appropriate score on the mathematics placement assessment.

A modern, unified approach to algebra, trigonometry, logarithms and analytical geometry based on the concept of a function. Linear equations and inequalities, quadratic equations and inequalities, polynomials and rational functions, logarithms and exponential functions, trigonometric and inverse trigonometric functions, and analytic geometry (the circle, the parabola, the ellipse and the hyperbola) are normally covered. Emphasizes the use of graphing calculators and the use of mathematics as a problem-solving tool. Covers applications in natural science, social science and

business. Serves as a preparation for calculus. Well-prepared students who already have a strong working knowledge of algebra, trigonometry and logarithms should elect MATH 141 in place of Mathematics 125. A graphing calculator is required. **Not open to students who have completed Math 120.** Staff.

Course Number: MATH 209

Instructor: TBD

Title: An Introduction to Statistics

Offered X Fall X Spring

Frequency and Duration of Meetings: 3 classes per week, 65 minutes per class or 4 classes per week, 50 minutes per class

Prerequisites: 2.0 or higher in Math 100 or appropriate score on the mathematics placement assessment. Corequisites: Course Fee Amount: \$ 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]

Grading is numeric only

CR/NC only

Old description:

Math 209: An Introduction to Statistics

Prerequisite: Permission of instructor.

Statistics is the art/science of collecting and interpreting data. Topics include probability, probability distributions which include the binomial and normal distributions, the central limit theorem, sampling distributions, confidence interval estimation, and hypothesis testing. Students will then advance to linear regression, goodness-of-fit tests, and analysis of variance. Emphasis is placed on multiple applications in the life and social sciences. Anderson, Bollman.

Revised description:

Prerequisite: 2.0 or higher in Math 100 or appropriate score on the mathematics placement assessment.

Statistics is the art/science of collecting and interpreting data. Topics include probability, probability distributions which include the binomial and normal distributions, the central limit theorem, sampling distributions, confidence interval estimation, and hypothesis testing. Students will then advance to linear regression, goodness-of-fit tests, and analysis of variance. Emphasis is placed on multiple applications in the life and social sciences. Anderson, Bollman.

Course Number: MATH 141

Instructor: TBD

Title: Calculus of a Single Variable I

Offered X Fall X Spring

Frequency and Duration of Meetings: 4 classes per week, 65 minutes per class

Prerequisites: 2.0 or higher in Math 120 (College Algebra) AND concurrent enrollment in Math 127 (Trigonometry); or 2.0 or higher in Math 125 (Precalculus); or appropriate score on the mathematics placement assessment.

Corequisites: Math 127 (Trigonometry) Course Fee Amount: \$ 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]

Grading is numeric only

CR/NC only

Old description:

Prerequisite: MATH 125 or permission of department. Mathematics 141 and MATH 143 constitute a thorough introduction to calculus for students who intend to continue in mathematics and for those who will use calculus in other fields such as science and engineering. Second half of the standard one-year calculus sequence (see Mathematics 141 above). Mathematics 141 covers limits, continuity, derivatives and a brief introduction to integration, as well as applications to problems in related rates, optimization, solid geometry and elementary mechanics. Requires a strong working knowledge of algebra and trigonometry. Students who are weak in these areas should elect MATH 125. A graphing calculator is required. Staff.

Revised description:

Prerequisite: 2.0 or higher in Math 120 (College Algebra) AND concurrent enrollment in Math 127 (Trigonometry); or 2.0 or higher in Math 125 (Precalculus); or appropriate score on the mathematics placement assessment.

Mathematics 141 and MATH 143 constitute a thorough introduction to calculus for students who intend to continue in mathematics and for those who will use calculus in other fields such as science and engineering. First half of the standard one-year calculus sequence (see Mathematics 143 below). Mathematics 141 covers limits, continuity, derivatives and a brief introduction to integration, as well as applications to problems in related rates, optimization, solid geometry and elementary mechanics. Requires a strong working knowledge of algebra and trigonometry. Students who are weak in these areas should elect **MATH 120**. A graphing calculator is required. Staff.

#

Faculty Development Committee:

The Faculty Development Committee has approved Small Grants to:

Ashley Feagin (Art & Art History) for travel support with student LGBrits group
Stephanie Henderson (Theatre) to study Italian at Michigan State University and to participate in a workshop at the Skylight Milwaukee Theatre
Vanessa McCaffrey (Chemistry) to allow her to participate in a DOE research group at Duke University

FDC also approved a combined Small and Large Grants to:

Danit Brown (English) to participate in two artist residencies during summer 2018
Dan Skean (Biology) to conduct botanical studies in the Caribbean and the Midwest during his spring 2018 sabbatical
Craig Streu (Chemistry) to purchase chemicals and other supplies for his summer research program

II SCHOLARLY AND PROFESSIONAL DEVELOPMENT

Vicki Baker (Economics & Management) spent two days at The College of Wooster over spring break working with a group of 12 female Associate Professors participating in the Faculty Learning Community. The focus was on supporting their advancement to full and other career coaching.

Vicki also has the following manuscript accepted for publication:

- Griffin, K. G., Baker, V.L., O'Meara, K.A., Gudrun, N., Robinson, T., & Staples, C. (forthcoming). "Supporting Scientists of Color: Mapping Developmental Networks," Studies in Graduate & Postdoctoral Education

Brad Chase (Anthropology & Sociology) has an article in this month's Journal of Archaeological Science:

Chase, Brad, David Meiggs, P. Ajithprasad, and Philip A. Slater. 2018. "What Is Left Behind: Advancing Interpretation of Pastoral Land-Use in Harappan Gujarat Using Herbivore Dung to Examine Biosphere Strontium Isotope ($^{87}\text{Sr}/^{86}\text{Sr}$) Variation." Journal of Archaeological Science 92 (April): 1–12. <https://doi.org/10.1016/j.jas.2018.01.007>.

Allison Harnish (Anthropology & Sociology) presented a paper titled "Rivers and Roads: A Political Ecology of Resettlement, International Development, and Chronic Liminality in Zambia's Gwembe Valley" at the Society for Economic Anthropology (SEA) Annual Meeting in Tempe, AZ (March 2, 2018). Alli also gave an invited talk as part of "A Discussion on Social and Environmental Justice" Plenary Panel at the Dimensions of Political Ecology (DOPE) Conference in Lexington, KY (February 23, 2018).

Joseph Ho (History) gave an invited talk at Pace University in New York on February 23. The talk was co-sponsored by the Department of History at Pace and the Confucius Institute, and was entitled: "Visions of Violence: American Missionary Films and Visual Traces of the Nanjing Massacre." The talk was attended by a sizeable group of Pace undergraduates, faculty, and private supporters of Chinese Studies in New York City.

On March 7, Joseph gave a talk at Harvard University's Department of the History of Science, entitled "Lenses and Visions: Photographic Technologies and American Christian Missions in Modern China." The presentation was hosted by the Modern Sciences Working Group, and was well-attended by Harvard faculty, postdoctoral fellows, and doctoral students. Dr. Ellen Wilch, currently based in Boston, also attended. The talk featured photographs and other historical material from her family's experiences in early Republican China.

On March 25, Joseph will present a paper at the Association for Asian Studies Annual Conference in Washington, D.C., entitled "Of God and Machines: Media Technologies, Transnational Imaginations, and Missionary Visions of Modern China." This will be part of a panel that he organized, titled "Imaged Identities: Technology, Performance and Visual Imagination in Republican China."

Joseph recently accepted offers from the Asia Society's ChinaFile online magazine and America magazine (The Jesuit Review) to produce two articles and web-based documentary shorts using pre-1949 missionary films he recovered. These are tentatively scheduled for release by late summer or fall 2018.

Jeremy Kirby (Philosophy) has a second book on Aristotle coming out within a few weeks: The Gamma Paradoxes: An Analysis of the Fourth Book of Aristotle's Metaphysics. The book will be available at <https://rowman.com/ISBN/9781498540360/The-Gamma-Paradoxes-An-Analysis-of-the-Fourth-Book-of-Aristotle's-Metaphysics>.

In February, **Ian MacInnes** (English) presented a paper titled "Animal London: The Map of Early Modern London (MoEML) as Ecocritical Tool" at the Arizona Center for Medieval and Renaissance Studies (ACMRS) conference in Phoenix.

At the beginning of March, **Ashley Miller** (English) presented a paper titled "Ripeness and Blight: Suspended Cyclicity in Christina Rossetti" at this year's Interdisciplinary Nineteenth-Century Studies conference in San Francisco.

The artwork "Franklin's Magic" by **David Reimann** (Mathematics & Computer Science) appears on the February 2018 issue of Mathematics Magazine (Vol 91, No. 1). With support from FDC, David attended three workshops at the ACM SIGCSE conference held February 21-24, 2018 in Baltimore, Maryland. David was a co-organizer (with Joshua Holden of Rose-Hulman Institute of Technology) of an art exhibition at the Trisection Meeting of the Indiana, Illinois, and Michigan Sections of the MAA held Friday-Saturday, March 23-24, 2018, at Valparaiso University in Valparaiso, Indiana. He had four artworks in the exhibition: Archimedean Expansions, Fibonacci Florascentia, and Improbable; the fourth piece, Trisection Tribute, was constructed as a group build during the conference.

Marcy Sacks (History) has been selected to participate in the Council of Independent Colleges' seminar on The Civil War in American Memory that will be led by David Blight, Class of 1954 Professor of American History and director of the Gilder Lehrman Center for the Study of Slavery, Resistance, and Abolition. The seminar will be held at Yale University in June.

Greg Saltzman (Economics & Management) will give a presentation, "Union Organizing and the Law: Contingent Faculty and Graduate Assistants," in New York City in April at the annual conference of the National Center for the Study of Collective Bargaining in Higher Education and the Professions. He will also chair a session, "Rethinking Labor Relations and the Legal Protections of Workers" in Baltimore in June at the annual national meeting of the Labor and Employment Relations Association. Greg's book chapter, "Beyond Academic Freedom: The Economic Case for Tenure" has just been published in the 2018 Almanac of Higher Education.

Carrie Walling (Political Science) co-hosted a workshop titled "The Politics of Criminal Justice" with John Ciorciari at the Gerald R. Ford School of Public Policy at the University of Michigan on January 19.

In February, Carrie was a visiting scholar at Allegheny College as part of its short course on International Criminal Law. While on campus Walling guest lectured in three classes and gave two

professional development talks with students interested in careers in human rights and international law. She also gave a keynote lecture titled, "The UN Security Council, the Justice Norm and the Politics of International Criminal Justice."

In March, Carrie was inducted as a National Security Fellow with the Truman National Security Project in Washington, D.C.

Midori Yoshii (International Studies) attended a liaison meeting of the Global Liberal Arts Alliance at Al Akhawayn University in Ifrane, Morocco, March 5-8.

In January, an article in which **Nicolle Zellner** (Physics) was interviewed appeared in the journal Nature. The interview focused on new research related to the Moon's bombardment. "Bashing holes in the tale of Earth's troubled youth" and Nicolle's quotes can be found at <https://www.nature.com/articles/d41586-018-01074-6>.

Also in January, Nicolle served as Vice-Chair of the Gordon Research Conference on the Origins of Life. She additionally presented two posters there, one with **Vanessa McCaffrey** (Chemistry). Nicolle will be the Chair of the conference in 2020.