

THE DEANERY

ALBION COLLEGE
ACADEMIC NEWSLETTER

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OCTOBER 16, 2019

ANNOUNCEMENTS FOR THE NEXT DEANERY ARE DUE NOVEMBER 8, 2019.

I ANNOUNCEMENTS FROM COMMITTEES

Textual Analysis Committee:

The Textual Analysis Committee has approved RS289: Nirvana and Narrative (Charles Preston, instructor) for the textual analysis mode of inquiry. The course will be taught in spring 2020,

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Historical & Cultural Analysis Committee:

The Historical & Cultural Analysis Committee approved ARTH 289: "Life, Death, and the Afterlife: Myth and Belief in the Visual Cultures of Ancient Egypt" to satisfy the Historical & Cultural mode requirement.

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Course Change Committee:

Course Change Committee has approved the following new course descriptions:

BIOL 300: Genetics

New course description:

BIOL 300: Genetics (1 Unit) Prerequisite: BIOL195, BIOL 210.

Mechanisms of inheritance and of gene structure and function in living organisms. Both classical and molecular genetics are considered as they relate to function. Staff.

Old course description:

BIOL 300: Genetics (1 Unit) Prerequisite: BIOL 210.

Not open to students who have completed Biology 317. Mechanisms of inheritance and of gene structure and function in living organisms. Both classical and molecular genetics are considered as they relate to function. Staff.

CHEM 321 Advanced Synthesis Laboratory

New Course Description:

An exploration of advanced methods of chemical synthesis techniques in both organic and inorganic chemistry. Emphasis is placed on analysis of the synthetic products for purity and qualitative identification, using FT-NMR, FTIR, ultraviolet and visible spectroscopy. Further identification and analysis is done using GC/MS, and LC/MS.

Old Course Description:

An exploration of advanced methods of chemical synthesis techniques in both organic and inorganic chemistry. Emphasis is placed on analysis of the synthetic products for purity and qualitative identification, using FT-NMR, FTIR, ultraviolet and visible spectroscopy. Further identification and analysis is done using HPLC, GC/MS, gas chromatography and LC/MS. Two four-hour laboratories per week.

CHEM 356 Advanced Inorganic**New Course Description:**

Prerequisite: CHEM 214

An advanced-level discussion of periodic properties, chemical bonding, and acid-base concepts with an emphasis upon the bonding and properties of transition metal complexes.

Old Course Description:

Prerequisite: Permission of instructor.

Normally a student is expected to have completed CHEM 340. An advanced-level discussion of periodic properties, chemical bonding, and acid-base concepts with an emphasis upon the bonding and properties of transition metal complexes.

GEOL 209: Invertebrate Paleontology**New course description**

This course surveys the long history of life, as recorded by the fossil record. A comprehensive examination of invertebrate fossils throughout geologic time emphasizes study of fossils and their identification, biology, evolutionary history, and use in geology. One field trip. Laboratory emphasizes invertebrate fossil identification, functional morphology, preservation, and geochronologic utility. Offered in alternate years. Marshall

Old course description:

A comprehensive examination of invertebrate fossils and measurements of time in geology. Emphasizes study of fossils and their identification, biology, evolutionary history and use in geology. Includes magnetostratigraphy, global event stratigraphy, and radiometric dating methods. Two field trips. Laboratory emphasizes fossil identification, morphology, and functional morphology, and geochronologic exercises using fossils and other geologic data. Offered in alternate years. Bartels.

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MATH/PHYS 275 Introduction to Solid Mechanics**New Course Description:**

(1 unit) Prerequisites: PHYS 167 and PHYS 168; MATH 245.

Statics: Forces, moments and couples; equilibrium of particles and rigid bodies; trusses and frames; distributed loads; Friction. Mechanics: Stress/strain, classification of material behavior, generalized Hooke's law. Engineering applications: Axial loads, torsion of circular rods and tubes,

bending and shear stresses in beams, deflection of beams, combined stresses, stress and strain transformation, Mohr's circle, elastic stability/buckling of columns. A minimum grade of 2.0 is required in any mathematics course used as a prerequisite for another mathematics course. Same as Physics 375. Mason.

Old Course Description:

(1 Unit) Prerequisites: PHYS 167 and PHYS 168; MATH 245.

Statics: Forces, moments and couples; equilibrium of particles and rigid bodies; trusses and frames; distributed loads. Mechanics: Stress/strain, classification of material behavior, generalized Hooke's law. Engineering applications: Axial loads, torsion of circular rods and tubes, bending and shear stresses in beams, deflection of beams, combined stresses, stress and strain transformation, Mohr's circle, elastic stability/buckling of columns. A minimum grade of 2.0 is required in any mathematics course used as a prerequisite for another mathematics course. Same as Physics 375. Mason.

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Course Change Committee has approved the following new course title and description:

SPAN 350 - New Title: Gender in the Spanish-Speaking World

New course description:

Expected level of proficiency: SPAN 314 or SPAN 315 or permission of instructor.

Students will analyze how gender is constructed and represented in Spanish-speaking societies through the examination of a wide range of cultural artifacts (i.e. literature, film, media) from the Spanish-speaking world. Writing assignments will assess students' comprehension of texts and their ability to incorporate critical analysis within the theoretical context of gender. Conducted in Spanish.

SPAN 350 - Old Title: Women in Hispanic Literature

Original course description:

Expected level of proficiency: SPAN 314 or SPAN 315 or permission of instructor.

Emphasizes careful reading and discussion of Hispanic prose, poetry and drama, with critical skills being applied particularly to the analysis of female characters and/or to the perspective of women authors. Writing assignments assess students' comprehension of texts and ability to apply analytical skills within the context of a gender-based theoretical framework. Conducted in Spanish.

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Course Change Committee has approved the elimination of the following courses due to the discontinuance of the athletic training major:

KIN 194: Introduction to Clinical Laboratories

KIN 243: Athletic Injury Assessment Techniques

KIN 244: Lower Extremity Assessment

KIN 253: Therapeutic Rehabilitation and Modalities I

KIN 254: Therapeutic Rehabilitation

KIN 290: Clinical Experience I

KIN 293: Clinical Laboratory in Athletic Training
KIN 294: Clinical Laboratory II in Athletic Training
KIN 295: Clinical Rehabilitation
KIN 342: Advanced Techniques in Athletic Training
KIN 344: Upper Extremity Assessment
KIN 353: Athletic Training Administration
KIN 354: Therapeutic Modalities
KIN 390: Clinical Experience III
KIN 393: Clinical Laboratory III in Athletic Training
KIN 394: Clinical Laboratory IV in Athletic Training
KIN 395: Clinical Modalities
KIN 401: Athletic Training Senior Seminar
KIN 453: Medical Conditions in Athletic Training
KIN 494: Colloquium in Athletic Training

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Faculty Development Committee:

The Faculty Development Committee has approved Small Grants to:

Emmeline Solomon, Art & Art History, for framing and shipping of art work for an exhibition

Lynn Verduzco-Baker, Anthropology & Sociology, to support her fall semester sabbatical at the American University in Paris.

II ANNOUNCEMENTS FROM THE PROVOST'S OFFICE

ASIANetwork announces its Student-Faculty Fellows Program: Engaging Asia - Summer 2020.

Since its inception in 1998, through the generous support of the Freeman Foundation, the Student-Faculty Fellows Program (SFF) has awarded 234 grants to 1135 fellows from 113 member institutions.

The SFF 2020 program will emphasize five core ideas:

- Current global issues in an Asian context
- Interaction and collaboration with the people of Asia
- Practical and professional skill development
- Student career and professional preparation
- Strong faculty mentorship of students

Students and faculty mentors develop projects and make application. Faculty mentors attend orientation at the 2020 ASIANetwork Annual Conference. Students travel to Asia with faculty mentors to pursue their projects in summer 2020. Students conduct post-trip activities and complete projects under faculty mentorship. Students present projects at the 2021 ASIANetwork

Annual Conference.

Eligibility: Open to U.S. ASIANetwork member institutions and all academic disciplines (one faculty mentor and 3 – 4 undergraduate students; two faculty mentors and 4 – 6 undergraduate students). All members of a project team must be from the same institution

Up to \$5,000 per mentor and student, a maximum of \$40,000 for a team of eight; additional faculty mentor stipend at \$1,000 per student.

Application deadline: December 1, 2019 (<http://www.asianetwork.org/sff-2020-program-application-procedures>). Program Director: Zheya Gai, Ph.D., Director, Student-Faculty Fellows Program, zgai@washjeff.edu.

III SCHOLARLY AND PROFESSIONAL DEVELOPMENT

Heather Betz (Kinesiology) was made a Fellow of the American College of Sports Medicine (ACSM) in May at the ACSM Annual Meeting in Orlando. ACSM has roughly 22,000 members around the world, of which just over 1,400 of them are Fellows. Of the Fellows, only 24% are female.

Additionally, Heather had the following article recently published:

Betz, HH; Laurson, K; Eisenmann, JC. Variation in Moderate-to-Vigorous Physical Activity by Weight Status Among U.S. Children and Adolescents: The "Fat but Active" Phenotype. *Acta Scientific Paediatrics*, 2019; 2(10): 20-26.

In June, **Jeffrey Cox** (Communication Studies) published the following journal article:

Cox, J. (2019). Verbal quantifiers and communicating painkiller side effect risk. *Health Communication*. It can be found at:
<https://www.tandfonline.com/doi/full/10.1080/10410236.2019.1632402>

Joseph Ho (History) was invited to co-author a new book on the history, theology, and visual culture of Chinese Christian evangelism posters, organized by Boston University and to be published by Baylor University Press. Joseph participated in a workshop at Boston University on October 4-5, alongside his co-authors (senior scholars in modern Chinese history and the history of Christianity in China) from Duke University, the University of Connecticut, and Yale University.

Joseph's article, "Outside the Box: Teaching East Asian History with Multimedia Approaches, Technological Artifacts, and Performative Activities," was accepted for publication in the Winter 2019 issue of *Education About Asia*, a leading peer-reviewed journal on Asian studies pedagogy published by the Association for Asian Studies.

Lisa Lewis (Chemistry) was appointed to the Advisory Board for Project Kaleidoscope (PKAL), the AAC&U's center of STEM higher education reform. She co-chaired PKAL's STEM Leadership Institute in July.

As a 2018-19 AAAS Science & Technology Policy Fellow with the National Science Foundation's Division of Materials Research, Lisa worked to support the Materials Genome Initiative (MGI). She participated in and organized numerous conferences and workshops, gave three presentations, and proposed policy to the National Science & Technology Council (NSTC) Subcommittee for MGI.

Perry Myers (Modern Languages & Cultures) was guest professor during this past May and June, 2019 at the École normale supérieure in Paris. While there he delivered three public lectures:

- The Re-Engineering of Society: The Social and Political Articulations of Spiritual Scientists in Europe and India during the Long Fin-de-Siècle (1875-1918)
- Cosmopolitan Religion and their Spiritual Affinities in Europe and India during the Long Fin-de-Siècle.
- Visions of Nationhood: Cosmopolitan Religious Movements in Europe and India during the Long Fin-de-Siècle

During his stay in Paris he also collaborated with Pascale Rabault-Feuerhahn on a forthcoming edited volume on the historical intersection between Germany and India.