

# 2009-2010 Curriculum Addendum

*a supplement to the 2008-2010 Undergraduate Course Catalog*

## CONTENTS

### 1-2 **ACADEMIC CALENDAR 2009-2010**

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### 2 **TUITION COSTS 2009-2010**

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### 2 **MODES OF INQUIRY: New and Revised Designations**

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### 3 **UNDERGRADUATE DEPARTMENTS AND PROGRAMS**

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Africana Studies –3	Management –10
Art and Music –3	Mathematics and Statistics – 12
Biology –4	Modern Languages and Literatures – 13
Chemistry –6	Nursing – 14
Communications – 6	Nutrition – 14
Computer Science – 7 and Information Technology	Philosophy – 14
Education – 9	Political Science and International Relations – 15
English – 9	Psychology – 15
History – 10	Sociology – 15
Honors – 10	Women’s and Gender Studies-16

# ACADEMIC CALENDAR 2009-2010

## August 2009

- 1 Tuition payment due for fall
- 27 Residence halls open for international students
- 28 Residence halls open for graduate students and Dix Scholars
- 30 Residence halls open for new students
- 30 Fall Orientation
- 31 Residence halls open for returning students
- 31 Fall Orientation

## September 2009

- 1 Registration and check-in for all students
- 1 Fall Orientation
- 2 Classes begin
- 2 Faculty meeting, College of Arts and Sciences
- 7 Most administrative offices closed for Labor Day Holiday
- 11 Final day to drop a course and receive a full refund
- 11 Final day to add a course without the instructor's signature
- 16 Honors Convocation at 2:30 p.m. in the Holmes Sports Center  
(Mandatory attendance for first year students)
- 25 Final day to add a course with the instructor's signature
- 25 Final day to drop a course without the instructor's signature
- 25 Final day for undergraduate students to change a pass/fail grading option
- 25 Final day to drop a course with no "W" grade
- 25 Final day to add an official audit

## October 2009

- 7 Senior Faculty Toast
- 12 College closed for Columbus Day
- 13 Academic holiday. Administrative offices open
- 17 Family Day
- 23 Final day to drop a course with the instructor's signature. A grade of "W" will be assigned for courses dropped after September 25.

## November 2009

- 11 College closed for Veterans' Day Holiday
- 24 Thanksgiving academic holiday begins after final class on Tuesday November 24
- 25 Residence halls close at noon for Thanksgiving break
- 30 College opens after Thanksgiving holiday

## December 2009

- 2 Winter Wonderland Dinner
- 9 Final day of classes
- 10, 11 Reading and review
- 11 Faculty Development Program
- 14-18 Final examinations
- 15 Tuition payment due for spring
- 19 Make-up day for exams in event of snow
- 19 Residence halls close at noon
- 24 College closed 12/24-1/3 for winter break

## January 2010

- 4 College opens after winter break
- 4 Grades for all students posted to AARC by 10 a.m.
- 17 Residence halls open for returning students
- 18 College closed for Martin Luther King Day Holiday
- 18 Residence halls open for new students
- 19 Registration and new student orientation
- 20 Classes begin
- 29 Final day to drop a course and receive a full refund
- 29 Final day to add a course without the instructor's signature

## February 2010

- 12 Final day to add a course with the instructor's signature

- 12 Final day to drop a course without the instructor's signature
- 12 Final day for undergraduate students to choose a pass/fail grading option
- 12 Final day to drop a course with no "W" grade
- 15 College closed for Presidents' Day Holiday

**March 2010**

- 8-12 Spring break. No classes. Administrative offices open
- 15 Classes resume after spring break
- 19 Final day to drop a course with the instructor's signature. A grade of "W" will be assigned for courses dropped after February 12.
- 19 Faculty Development Program

**April 2010**

- 16 Student Leadership Recognition Ceremony
- 19 College closed for Patriot's Day Holiday
- 14 Senior Faculty Banquet
- 30 Undergraduate Conference
- 30 May Day Celebration

**May 2010**

- 3 Final day of classes
- 4 Reading and review
- 5-8 Final examinations
- Residence halls close for non-graduating undergraduate students at noon
- 10 Grades for students graduating in May posted to AARC by 9 a.m.
- Final signed departmental graduating lists due to Registrar's Office by 4:30 p.m.
- 12 CAS faculty meeting for regular business and voting of degrees
- 14 Commencement
- Residence halls close for graduating students/grad/Dix Scholars at noon
- 17 Grades for all students posted to AARC by 9 a.m.
- 24 Summer Session I begins
- 31 College Closed for Memorial Day Holiday

## FINANCIAL INFORMATION

### Tuition Costs 2009-2010

Undergraduate Students Full Academic Year Budget

	<b>Resident</b>	<b>Commuter</b>
Tuition	\$30,520	\$30,520
Tuition-Nursing	\$33,450	\$33,450
Room and Board	\$12,050	N/A
Health Center	\$700	\$700
Student Activity Fee	\$230	\$230

**Dix Scholars** Tuition: \$954/semester hour; Room and Board: \$13,500.

## NEW MODE DESIGNATIONS

**MODE 2:**

- ENGL 163 African American Literature Survey
- HON 210 War and Memory in Latin America
- POLS 236 Political Novels

**MODE 3:**

MGMT 238 Managing Your Venture's Financial Bottom Line

**MODE 4:**

CS 111 The Science of Sound and Image Media

**MODE 5:**

AST/SOCI/WGST 232 Race, Gender and Health

HIST 251 World Historical Perspectives on 9/11

MGMT 247 Introduction to Emerging Markets

POLS 218 Parties and Elections

**MODE 6:**

HON 310 Political Psychology of Influential Women

POLS 247 Politics of Religious Fundamentalism

WGST 258 Women and Religion

**iComps**

IT 225 Health Informatics satisfies the iComps requirement.

## UNDERGRADUATE DEPARTMENTS AND PROGRAMS

### AFRICANA STUDIES

#### New Description

**AST/SOCI/WGST 232 Race, Gender, and Health (M5)**

4 sem. hrs.

Examines the unique perspective of healthcare from the cultural lens appropriate to women of color. Historical, social, environmental, and political factors that contribute to racial and gender disparities in healthcare are analyzed. Students will develop cultural competency tools for more effective healthcare delivery. Thomas.

### ART AND MUSIC

#### Faculty Updates

Gregory Slowik will chair the department in fall 2009 and be on sabbatical leave in spring 2010.

Colleen Kiely has been promoted to Associate Professor and will chair the department in spring 2010.

#### New Faculty

**Michelle Cohen, Assistant Professor of Arts Administration and Director of the Trustman Art Gallery**

BA, State University of New York at Buffalo; PhD, Graduate Center, City University of New York. Appointed 2009.

#### New Courses

**ART 205 Visual Art and the Classroom Culture: The Power of Discussion in Teaching and Learning**

4 sem. hrs.

Examines the role of student-centered learning, inquiry methods, evaluation of developmentally appropriate images and how learners acquire critical thinking skills. Students will gain experience in facilitating discussion, assessing student learning and connecting VTS approaches to a classroom context. Students will study the theoretical underpinnings to VTS while acquiring practical experience in using it. Group work, classroom observation, guest speakers and visits to the Gardner Museum and Museum of Fine Arts are included in the work for this course. No experience in art or art history is necessary. Lynn.

## **BIOLOGY**

### **Faculty Updates**

Elizabeth Scott will be on leave spring 2010.

### **Revised Requirements**

#### **Education Track**

PHYS 110 is replaced with PHYS 105 Science and Technology in the Everyday World. NUTR 110 is replaced with NUTR 111 Fundamentals of Nutrition Science.

#### **Joint Major in Psychobiology**

##### **Changes to Neuroscience List**

Students must take A PSYC 241 Assessment of Individual Difference and no longer have to take SOCI 241 Sociology of Health.

#### **Statement on Independent Learning**

This all-College independent learning requirement (eight semester hours) is usually met in the senior year in either the biology department through BIOL 350 Independent Laboratory Research or BIOL 370 Internship or in the psychology department through PSYC 350 Independent Study in Psychology or PSYC 380 Fieldwork in a Psychological Setting. Arrangements should be made with the student's psychobiology advisor before the end of the junior year.

#### **Public Health Program**

##### **Biology Elective**

Add CHEM 327 Energy and Global Warming, HON 303 HIV/AIDS Intersections of Science, IT 225 Health Informatics, MGMT 234 Organizational Communication and Behavior, MATH 218 Biostatistics, NUTR 110 Sociocultural Implications of Nutrition, PHIL 131 Biomedical Ethics, PSYC 232 Health Psychology, POLS 217 American Public Policy.

### **New Programs**

#### **Exercise Science**

The Exercise Science major will be a major in Biology, and will replace the current Health Studies major. Under this new program, all physical therapy students will receive a BS in Exercise Science after four years. In addition, other students who are interested in careers in fitness and wellness can pursue an exercise science degree.

The Exercise Science major provides a challenging educational experience for students who wish to pursue health/fitness careers. The major provides hands on experiences in the health/fitness industry tied to core academic preparation in the science of exercise and health. Students of exercise science will have the requisite coursework for graduate programs in either Physical Therapy or Clinical Exercise Physiology. With the choice of appropriate electives, students may also enroll in an accelerated BS/MS program in Exercise Science/Nutrition and Health Promotion at Simmons College.

#### **Major in Exercise Science**

Majors will complete 4 pre-requisite courses, a core consisting of ten courses plus two electives spread out across their four years. All majors are required to have Basic Life Support and First Aid Certifications by the end of the junior year. The suggested sequence is:

##### **First Year**

BIOL 113 General Biology  
BIOL 246 Foundations in Exercise and Health  
CHEM 111 Introduction to Chemistry  
CHEM 112 Organic Chemistry I

##### **Sophomore Year**

BIOL 231 Human Anatomy & Physiology 1  
BIOL 232 Human Anatomy & Physiology 2  
MATH 118 Introduction to Statistics  
or MATH 238 Applied Statistical Models  
PSYC 101 Introduction to Psychology  
NUTR 112 Fundamentals of Nutrition Science

### **Junior Year**

SHS 361 Exercise Assessment & Prescription (Spring 2011)  
PSYC 232 Health Psychology  
BIOL 332 Exercise Physiology  
PHYS 110 Introduction to Physics 1  
CPR with AED Training  
First Aid Certification – both to be offered at cost on campus (Spring 2011)

### **Senior Year**

BIOL 370 Internship (8 credits)  
Or PT 602 +603 Integrated Clinical Experience (2 credits)  
& PT 610 +612/650 Research Methods and Applying Research to Practice (5cr)  
SHS 3xx Kinesiology (Fall 2011)  
or PT 625 Fundamentals of Movement Science I  
Elective from List  
Elective from List  
\*PHYS 111 a requirement for the PT program and an elective from the Exercise Science list.

Majors select two electives to add to the core:

- BIOL 221 and 221L: Microbiology and lab
- PHYS 111 and 111L: Intro Physics II and lab
- SOCI 241 Health, Illness and Society
- SOCI 345 Health Care Systems and Policy (SOCI 245 prereq)
- SOCI 266, Sociology of Sports
- NUTR 110 Sociocultural Implications Nutrition
- CHEM 223 Intro to Biochem
- NURT 311, Nutrient Metabolism (CHEM 223 prereq)
- MCPHS BEH405A Mind-Body Medicine

### **Minor in Exercise Science**

The minor consists of the following five courses:

BIOL 246 Fundamentals of Exercise and Health  
BIOL 332 Exercise Physiology  
MATH 118 Introduction to Statistics  
NUTR 361 Exercise Assessment & Prescription  
Elective from the list (see list above)

## **Revised Descriptions**

### **BIOL 231 Anatomy and Physiology I**

4 sem. hrs. Prereq.: One year each of college biology and chemistry; or BIOL 113 and BIOL 218, 221 or 246; CHEM 111 or 113; and CHEM 112 or 114.

Presents an integrated approach to the fundamental facts and concepts of human anatomy and physiology. Examines the constituents of the human body through investigation of tissue types and histology, with further emphasis on skeletal, muscular and nervous systems, and endocrine control. Laboratory includes histology, gross anatomy, dissection, and physiological experiments. Lite, Russell.

### **BIOL 232 Anatomy and Physiology II**

4 sem. hrs. Prereq.: One year each of college biology and chemistry with BIOL 231 recommended; or BIOL 113; BIOL 231; CHEM 111 or 113; and CHEM 112 or 114.

Introduces structural relationships and functional integration of major systems of the human body, with emphasis on cardiovascular, lymphatic, immunological, respiratory, digestive, metabolism, renal, reproductive, and homeostatic systems. Laboratory includes histology, gross anatomy, dissection, and physiological experiments. Lite, Russell.

## **New Courses**

### **BIOL 104 Introduction to Environmental Science**

4 sem. hrs.

Studies basic principles of ecology and environmental science relevant to the interactions between humans and their environment, unity and interconnections of life, and processes that drive ecological health. Relevance of ecology to today's society with emphasis on natural resource use, conservation, and the relationships of ecological health to human health. Douhovnikoff.

### **BIOL 123N Principles of Microbiology [N, Nursing section]**

4 sem. hrs. Does not satisfy requirements for biology major or minor.

Provides the basis for understanding the nature of human disease caused by microbial pathogens and viral agents. It covers the fundamental principles of cell structure and compares prokaryotic and eukaryotic cells; viral agents; bacterial genetics and antibiotic resistance; the principles of infectious disease, pathogenesis and immune response; the importance of vaccination as a key public health measure; nosocomial infection and hospital infection control. Scott, Staff.

*Note:* Replaces BIOL 113N General Biology.

### **BIOL 246 Foundations of Exercise and Health**

4 sem. hrs. Prereq.: BIOL 113

Class and lab introduce the student to the foundations of exercise that enhance health and prevent disease. Students learn to evaluate epidemiologic literature, studying factors that link lack of physical activity with the major chronic diseases of the present time. Lite.

### **BIOL 346 Epidemiology and Infectious Disease**

4 sem. hrs. Prereq.: BIOL 113, BIOL 221, MATH 118 or MATH 238

Overview of descriptive and analytical epidemiologic principles and how they are applied to the study of infectious disease vulnerability, outbreaks and prevention. Epidemiologic research and case studies from developed and developing countries will be discussed. Scott, Metallinos-Katsaras.

### **BIOL 355 Thesis (F-1,2; S-1,2)**

4 sem. hrs. Prereq.: One semester of Biol 350 or Biol 370, Senior standing, consent of the department.

Includes a thesis and an oral presentation at a scientific meeting or symposium. Required for all students completing an honors thesis in Biology. Students must register for Biol 350 or Biol 370 in the first semester of their senior year. Staff.

## **CHEMISTRY**

### **Faculty Updates**

Richard Gurney has been promoted to Associate Professor.

Jennifer Canfield Roecklein has been promoted to Associate Professor.

### **New Courses**

#### **CHEM 110N General, Organic and Biological Chemistry**

4 sem. hrs. Prereq.: Completion of the competency in basic mathematics requirement or MATH101 or MATH102.

Survey of chemistry. Atomic and molecular structure, solutions, states of matter. Naming of inorganic and organic compounds. Chemical reactions. Structure and function of the biological molecules of life. Nutrition and metabolism. Emphasis on chemistry in a clinical context. Laboratory includes experience with materials and techniques of clinical relevance. Three hours lecture, four hours laboratory per week. Lavoie.

## **COMMUNICATIONS**

### **Faculty Updates**

Daniel Connell will be on sabbatical leave spring 2010.

Vonda Powell will be on sabbatical leave fall 2009.

### **New Programs**

#### **Interdisciplinary Minor in Cinema and Media Studies**

A minor in Cinema and Media Studies is comprised of two required courses and three electives.

#### **Required Courses**

ENGL 195 Art of Film

ENGL 221 The Critical Lens: Introduction to Film and Media Theory

#### **Three Electives May Be Chosen from the Following:**

AST 300 Black Popular Culture, ART/COMM 138 Introduction to Photography and the Traditional Lab\*, ART/COMM 139 Introduction to Photography and the Digital Lab\*, ART/COMM 232 Digital Photography II\*, ART/COMM 239 Documentary Photography\*, ART/COMM 237 Advanced Photography Workshop\*, ART 249 History of Photography, MUS 165 Music in Film, CHIN 214 Contemporary Chinese Cinema, COMM 120 Communications Media\*, COMM 121 Visual Communication, COMM 124 Media, Messages, and Society, COMM 222 Animation\*, COMM 220 Video Production\*,

ENGL 252 Studies in Film Genre, ENGL 327 Race and Gender in Psychoanalytic Discourse, ENGL 398 Feminist Film Studies, HIST 117 History Through Novels and Film, HIST 329 Film and Historical Representation, PHIL 152 Philosophy Through Literature and Film, SPAN 314 Hispanic Culture as Seen through Film

**Restrictions on electives:**

One elective must be a production class. (Production classes designated with \*)

At least one elective must be at the 200 or 300 level.

No more than two photography classes will be counted toward the minor.

## COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

### New Programs

#### Major in Health Informatics

Health Informatics is one of the fastest growing areas within the very large field of information technology. Broadly speaking, health informatics is the application of the computing and information technology disciplines to solving problems in the field of health care. The health care industry is striving to improve the quality of delivery of health care and at the same time reduce the costs. Health informatics professionals will play a major role in this effort.

This interdisciplinary major includes foundation courses in technology, as well as more advanced topics such as security, database management, web applications development, and systems analysis. Students also learn about the health care industry by taking courses such as health informatics, biomedical ethics, and the health industry market and business model. Electives include courses in sociology, biology and management. The major also provides experiential learning in the health care industry through two experiential placements that will expose our students to both the neediest and to the most sophisticated ends of the health care spectrum.

Students graduating in this major would be desirable in IT departments at hospitals and other medium-to-large health care settings, and in companies developing software for the health care industry. Currently, the fastest growing part of the software industry is in health care, and many of these companies are local. There will also be positions in maintaining, modifying and managing software services.

The curriculum consists of:

#### Foundational courses

CS 112 Introduction to Programming

CS 113 Event-Driven Programming

IT225 Health Informatics

MATH 118 Introduction to Statistics

Or MATH 238 Applied Statistical Models

CS227 Computer Networks

CS 327 Network Security

#### Upper division courses

CS 333 Database Management Systems

IT 320 Web Centric Programming and Web Services

IT 343 Systems Analysis

PHIL 131 Biomedical Ethics

HCA 510 Health Industry Market and Business Model (to be taken as junior)

Independent Learning: To be satisfied in the IT department of a hospital or HMO or at a company which develops software for the health care industry.

#### Electives

Students are strongly urged to select two or more of the following, depending of their specific interest and in consultation with their advisors:

SOCI 241 Society and Health

BIOL 346 Epidemiology

MATH 218 Biostatistics

MGMT 110 Financial Accounting  
MGMT 100 Introduction to Management

Students should also consult with their advisors about the possibilities of a minor in Biology, Management, or Public Health.

## **Scientific Computation**

### **Minor in Scientific Computation**

MATH 238 Applied Statistics

Or MATH 118 Introductory Statistics

MATH 343 Mathematical Modeling

CS 112 Introduction to Programming in Java

CS 333 Database Management Systems

A fifth course to be chosen from:

CS 226 Computer Organization and Architecture

CS 113 GUI and Event-Driven Programming

MATH 218 Biostatistics

MATH 339 Probability and Mathematical Statistics

A course in differential equations (currently available thru COF)

## **Changes to the Information Technology Major**

Here are the slightly revised requirements for the Information Technology Major

CS 112 Introduction to Programming

CS 113 GUI and Event Driven Programming

CS 227 Computer Networks

CS 333 Database Design

IT 320 Web Services

IT 343 Systems Analysis and Design

CS 327 Security

MATH 210 Discrete Math

Or MATH 118 Statistics

PHIL 225 Ethical, Legal and Social Issues in Information Technology

One of the following:

COMM 120 Communications Media

COMM 121 Visual Communications

COMM 122 Writing Across the Media

COMM 300 Professional and Technical Communications

COMM 181 Public Speaking and Group Discussions

One of the following:

MGMT 234 Organizational Communication and Behavior

MGMT 321 Managing the Diverse Workforce (junior standing)

Three courses from an application domain or a minor in another discipline

An application domain is a discipline in which information technology is applied, such as - management, the sciences, communications, elementary education, art/music, technical etc. Courses required to fulfill the application domain requirement will be chosen by the student and approved by her advisor.

## **Changes to the Computer Science Minor**

Under Option 1: Students must take IT 101 (no longer option for CS 101)

Under Option 2: Students take IT 101, not CS 101

Under Option 3: Student take one additional CS course (no longer one additional CS course other than CS 101)

## **Course Updates**

CS 112 Introduction to Programming in Java is now Introduction to Programming.

IT 225 Health Informatics satisfies the iComps requirement.

## EDUCATION

### General Education

#### Faculty Updates

Paul Abraham has been promoted to Professor.

#### Policy Changes

The following policies are in effect as of the fall 2009 semester:

1. All courses in Stages I, II, and III must be taken for a grade and may not be taken pass/fail.
2. Students in the four-year program and the Dunn Scholars program must have passing scores on the MTEL Communication, Literacy, and subject matter tests before being admitted to the practicum. Students must pass the Communication and Literacy tests no later than the end of the junior year, and must take their subject matter tests as soon as they have completed all of the courses in the content of their fields. *It is strongly advised that elementary students take the Math portion of the elementary subject matter test as soon as they have completed MATH 115 and MATH 116.*

#### New Courses

##### **ART 205 Visual Art and the Classroom Culture: The Power of Discussion in Teaching and Learning**

4 sem. hrs.

Examines the role of student-centered learning, inquiry methods, evaluation of developmentally appropriate images and how learners acquire critical thinking skills. Students will gain experience in facilitating discussion, assessing student learning and connecting VTS approaches to a classroom context. Students will study the theoretical underpinnings to VTS while acquiring practical experience in using it. Group work, classroom observation, guest speakers and visits to the Gardner Museum and Museum of Fine Arts are included in the work for this course. No experience in art or art history is necessary. Lynn.

## ENGLISH

### Faculty Updates

Pamela Bromberg will be on sabbatical leave for the academic year 2009-2010.

### New Programs

#### Interdisciplinary Minor in Cinema and Media Studies

A minor in Cinema and Media Studies is comprised of two required courses and three electives.

#### Required Courses

ENGL 195 Art of Film

ENGL 221 The Critical Lens: Introduction to Film and Media Theory

Three Electives May Be Chosen from the Following:

AST 300 Black Popular Culture, ART/COMM 138 Introduction to Photography and the Traditional Lab\*, ART/COMM 139 Introduction to Photography and the Digital Lab\*. ART/COMM 232 Digital Photography II\*, ART/COMM 239 Documentary Photography\*, ART/COMM 237 Advanced Photography Workshop\*, ART 249 History of Photography, MUS 165 Music in Film, CHIN 214 Contemporary Chinese Cinema, COMM 120 Communications Media\*, COMM 121 Visual Communication, COMM 124 Media, Messages, and Society, COMM 222 Animation\*, COMM 220 Video Production\*, ENGL 252 Studies in Film Genre, ENGL 327 Race and Gender in Psychoanalytic Discourse, ENGL 398 Feminist Film Studies, HIST 117 History Through Novels and Film, HIST 329 Film and Historical Representation, PHIL 152 Philosophy Through Literature and Film, SPAN 314 Hispanic Culture as Seen through Film

Restrictions on electives:

One elective must be a production class. (Production classes designated with \*)

At least one elective must be at the 200 or 300 level.  
No more than two photography classes will be counted toward the minor.

## Course Changes

ENGL 163 African American Literature Survey now fulfills mode 2.

## New Courses

### ENGL 221 The Critical Lens: Introduction to Film and Media Theory

4 sem. hrs.

Introduces students to the main schools of theory in cinema and media studies, including realism, montage, auteur theory, genre, semiotics, psychoanalysis, feminism, queer theory, critical race theory, reception theory, star studies, third and accented cinemas. Course will include weekly screenings of film, television and media texts. Grabiner, Leonard.

## HISTORY

### Faculty Updates

Zhigang Liu will be on sabbatical leave in spring 2010.

### Revised Courses

HIST 117 History Through Novels and Films is now HIST 254.

## New Courses

### HIST 251 World Historical Perspectives on 9/11 (M5)

4 sem. hrs.

Attempts to contextualize September 11 within a world historical framework. Examines the event's relationship to the late Cold War, to issues in the Middle East and to other world events. The class will also explore the significance of 9/11 as a new historical beginning. Ortega.

### HIST 375 Cold War Culture

4 sem. hrs. Prereq.: none for graduate students; at least 2 history courses and consent of the department for undergraduates.

Focusing on the 1950s and early 1960s, this seminar examines the ways in which the Cold War shaped American family life, domestic politics, popular culture, conformity and youth rebellion, increasing demands for civil rights, and changing gender roles. Readings range from historical scholarship to fiction, autobiography, and film. Prieto.

## HONORS PROGRAM

### New Courses

### HON 310 Political Psychology of Influential Women (M6)

4 sem. hrs.

Explore seven influential women politicians from around the world using psychological profiling tools. Study of their biographies, personality traits, feelings, beliefs, and values will help shed light as to why these leaders made certain decisions and acted as they did. Park.

## MANAGEMENT

### BA/MBA Program Changes

If a leadership minor is accepted to BA/MBA, they would take GSM 455 Leading instead of MGMT 321 Managing the Diverse Workforce. For a business metrics minor accepted to BA/MBA, students would take GSM 421 Managerial Accounting instead of MGMT 210 Managerial Accounting.

### New Programs

#### Minor in Emerging Global Markets

This minor is for any student who wants to discover and develop expertise in the emerging non-Western regions of the world. The minor complements all fields of study by giving students interdisciplinary skills and confidence to work in or with emerging market

organizations. Students will develop a deep appreciation of the market potential and managerial challenges of emerging markets, with a special focus on their culture, history, society, economics, gender, and sustainable business strategies. Co-curricular activities and experiential learning in a student's region of focus offer opportunity to complement and enhance intellectual understanding. The minor focuses on the five emerging regions of the world: Latin America & Caribbean region, Central & Eastern Europe region, South & Southeast Asia region, East Asia & Pacific region, and Africa & Middle East region.

The minor consists of five courses:

MGMT 247 Introduction to Emerging Markets OR MGMT 131 Cross-cultural Management

Four credits of a comparative breadth course, selected from:

POLS 229 Comparative Foreign Policy, PHIL 119 World Religion, HIST 101 World Civilizations II: Colonialism and Post-Colonialism, ECON 220 International Monetary Systems, SOCI 267 Globalization, or SOCI 348 Re-envisioning the Third World

Eight credits from any one of the six regional tracks (see below)

MGMT 347 Sustainable Business in Emerging Markets

Students are advised to take MGMT 247 or MGMT 131, the comparative breadth course and the two regional track courses, and then MGMT 347.

### **Regional Tracks:**

Students will declare one of the following six regional tracks at the time they declare the minor: Latin America & Caribbean region track, Central & Eastern Europe region track, Africa & Middle East region track, East Asia & Pacific region track; South & Southeast Asia region track; or Trans regional track.

Note: Students cannot double count their comparative breadth credits as their regional track credits. At least four credits should be "emerging markets" experiential learning. Options include emerging markets focused study abroad course, internship, field experience course, or service learning project. To count as regional track credits, the option taken must be focused on the region selected by the student.

### **Courses for the Tracks:**

Latin America & Caribbean Region Track: HIST 217 History of Latinos and Latinas in the U.S., POLS 241 Latin America Politics, HON 202 Political Upheavals & Expressions: 20th Century Latin America, SOCI 277 Introduction to Latin American Studies, SPAN 312 Society and Politics in Latin America: The Collision of Two Worlds and the Search for Identity, SPAN 314 Hispanic Culture as Seen Through Film, IDS 228: Service-Learning in Nicaragua, MGMT 245 Cross-cultural Studies of Women Leaders

Central & Eastern Europe Region Track: POLS 202 Special Topics: Politics of Russia and the Former Soviet Union, HON 301 Explosive Mix: Ethnicity, Religion, Nationality, MGMT 245 Cross-cultural Studies of Women Leaders

Africa & Middle East Region Track: ART 251 African Art: 3000 BC to the Present, HON 201 Colonial Legacies in Africa, HON 203 Islam and the West, POLS 221 Arab/Israeli Conflict, POLS 242 Government and Politics of Africa, POLS 243 Middle Eastern Politics, HIST 212 Topics in African History, HIST 231 History of Muslim Societies, INRL 202 Special Topics: Leadership and Transition in Africa, MGMT 245 Cross-cultural Studies of Women Leaders

East Asia & Pacific Region Track: ART 252 Arts of China and Japan, ECON 222 Comparative Economies of East Asia, ECON 224 The Japanese Economy, HIST 201 The Dynamics of Japanese History, HIST 203 History of East Asian and U.S. Foreign Relations, HIST 204 Japanese Culture: Gender, Family, and Society, HIST 206 The Rise of Modern China, HIST 362 Reforms and Revolutions in Asia, PHIL 133 Asian Philosophy, POLS 225 International Politics of East Asia, CHIN 310 Chinese Civilization: Past and Present, JAPN 310 Japanese Civilization, MGMT 245 Cross-cultural Studies of Women Leaders

South & Southeast Asia Region Track: PHIL 133 Asian Philosophy, SOCI 270 South Asia: Power and People, POLS 245 Politics of Newly Industrializing Countries, MGMT 245 Cross-cultural Studies of Women Leaders

Trans Regional Track: SOCI 222 Transnational Studies, SOCI 267 Globalization,

SOCI 348 Re-envisioning the Third World, POLS 102 Introduction to International Politics, POLS 104 Introduction to Comparative Politics, POLS 220 International Organization and Law, POLS 229 Comparative Foreign Policy, PHIL 119 World Religions; HIST 101 World Civilizations II: Colonialism and Post-Colonialism, ECON 220 International Monetary Systems, WGST 200 Women, Nation, Culture, ECON 214 Women in the World Economy, MGMT 245 Cross-cultural Studies of Women Leaders

Students may petition the minor advisor, Professor Vipin Gupta, to approve any course not listed above. Decisions will be considered on a case by case basis.

### **Minor in Entrepreneurship**

This minor is for any student who wants to find, develop or grow her entrepreneurial potential. The minor complements all major fields of study by giving students the entrepreneurship knowledge and skills needed to create innovative, value-adding initiatives in any career setting. Minor students will be prepared to be entrepreneurial in existing organizations, work in small or family-owned ventures, join fast growing company teams, or start their own for-profit or not-for-profit ventures. Course content and co-curricular activities interact to give each student the capacity to “entrepreneur” her future.

The minor consist of five courses:

MGMT 237 Introduction to Entrepreneurship  
MGMT 250 Principles of Marketing (Designated section)  
MGMT 238 Managing Your Venture's Financial Bottom Line  
Flex Course (See below)  
MGMT 337 Leading Your Entrepreneurial Venture

Flex Course Student chooses one course from the list below. Student is required to write a rationale describing how the flex course contributes to her entrepreneurial career interests that must be approved by the minor advisor. Students may petition the minor advisor to approve any course not listed below. Decisions will be considered on a case by case basis.

MGMT 222 Human Resource Management, MGMT 224 Socially Minded Leadership, MGMT 228 Services Marketing and Management, MGMT 230 Consumer Behavior, MGMT 231 Integrated Promotional Brand Strategy, MGMT 233 Sales/Sales Management, MGMT 234 Organizational Communication and Behavior, MGMT 236 Retail Management, MGMT 241 Special Topics in Global Marketing, MGMT 260 Principles of Finance, MGMT 303 Leadership, MGMT 341 Global Business, ECON 214 Women in the World Economy, ECON 222 Comparative Economies in East Asia, ECON 239 Government Regulation of Industry, ECON 241 Business Competition and Antitrust Policy, SOCI 267 Globalization, SOCI 348 Re-envisioning the Third World , SJ 220 Working for Social Justice, SJ 222 Organizing for Social Change

### **New Courses**

#### **MGMT 238 Managing Your Venture's Financial Bottom Line (M3)**

4 sem. hrs.

Introduces the theories, knowledge, and financial tools needed by an entrepreneur to launch and grow a successful venture. Topics include analyzing the profitability of a venture idea, developing financial statements and projections, and determining how to obtain the financial capital necessary to run and grow an enterprise. Staff.

#### **MGMT 247 Introduction to Emerging Markets (M5)**

4 sem. hrs.

Studies the emerging global markets which encompass Latin America, Eastern Europe, South Asia, and Middle East and Africa. Develops a multidisciplinary understanding of their distinct socio-cultural, politico-legal, economic, and institutional context based on historical trends and contemporary events. Studies management, marketing, financial, and operational functions in the emerging markets, and students will learn how women may successfully negotiate them. Staff.

#### **MGMT 347 Sustainable Global Business**

4 sem. hrs.

Examines critical sustainability and corporate social responsibility challenges for businesses in emerging markets, and approaches to address them. The issues explored include sustainability in terms of political, economic, socio-cultural, technological, ecological, gender, and fair trade aspects. The content is tied through an integrative research project. Staff.

#### **MGMT 337 Leading Your Entrepreneurial Venture**

4 sem. hrs.

Focuses on launching, leading and growing ventures that are aligned with students' career goals. Applies advanced knowledge of entrepreneurship concepts, processes, and analytical strategies to design a new venture plan. Students also focus on key issues of human capital management and examine gender as it relates to new venture creation and entrepreneurial leadership. Staff.

## MATHEMATICS AND STATISTICS

The department is now the Department of Mathematics and Statistics.

### New Programs

#### Minor in Scientific Computation

MATH 238 Applied Statistics

Or MATH 118 Introductory Statistics

MATH 343 Mathematical Modeling

CS 112 Introduction to Programming in Java

CS333 Database Management Systems

A fifth course to be chosen from:

CS 226 Computer Organization and Architecture

CS 113 GUI and Event-Driven Programming

MATH 218 Biostatistics

MATH 339 Probability and Mathematical Statistics

A course in differential equations (currently available thru COF)

#### New Courses

MATH 400 Mathematics for Elementary School Teachers

4 sem. hrs. Prereq.: MAT students only.

Covers topics that elementary school teachers will be expected to teach, including number systems, number operations and their meanings, geometry, measurement, functions and algebra, elementary statistics and probability. Beers.

## MODERN LANGUAGES AND LITERATURES

### Faculty Updates

Eduardo Febles has been promoted to Associate Professor.

Alister Inglis has been promoted to Associate Professor.

Florence Ciret-Strecker will be on sabbatical leave spring 2010.

Zhigang Liu will be on sabbatical leave in spring 2010.

María Dolores Peláez-Benítez will be on sabbatical leave for the academic year 2009-2010.

### New Courses

#### ARAB 101 Elementary Arabic I

4 sem. hrs.

An introductory course in Modern Standard Arabic. Beginning skills are developed in the areas of listening, speaking, reading, writing, and culture. Assumes no prior familiarity with the Arabic language and uses a student-centered approach. Basic grammatical structures and sound patterns of Arabic are introduced, with careful attention to mastery of writing the Arabic script, learning to read the characters, pronunciation, and listening comprehension. Additional conversation practice plus written, audio, and video assignments required.

#### ARAB 102 Elementary Arabic II

4 sem. hrs. Prereq.: ARAB 101 or equivalent.

An introductory course in Modern Standard Arabic. Beginning skills are developed in the areas of listening, speaking, reading, writing, and culture. Assumes a basic familiarity with the Arabic language and uses a student-centered approach to complete the introduction of grammatical structures & sound patterns of Arabic, with attention to mastery of writing the Arabic script, proficiency in reading various scripts, pronunciation and listening comprehension at normal conversational speed. There will be significant discussion of Middle Eastern Islamic Culture as well. Supplemented by assigned work outside class.

#### ARAB 201 Intermediate Arabic I

4 sem. hrs. Prereq.: ARAB 102 or equivalent.

The principle aim of this course and its continuation is to solidify and build upon the skills acquired in Arabic 101 and 102. Aims to expand vocabulary and to further develop the four skills: listening, reading, writing and speaking. Lessons focus on conversation,

reading and listening comprehension and introducing more complex grammatical structures, including poetry. There will be increasing material on Middle Eastern Islamic Culture presented. Supplemented by assigned work outside class.

### **JAPN 325 Japanese Fables and Onomatopoeia**

4 sem. hrs. Prereq.: JAPN 245 or equivalent, or instructor's consent.

Offers Japanese fables in their original forms and fables from other countries rewritten in Japanese. Analyzes Japanese people's sensitivities to the nature and human relationships by examining onomatopoeia in the genre that is used to convey social morals and ethics to children and youth. Liu.

## **NURSING**

### **Changes to the Nursing Major**

There are now four science prerequisites for nursing majors, instead of six: BIOL 121N Principles of Microbiology, BIOL 232 Anatomy and Physiology II, BIOL 221 Microbiology and CHEM 110N General, Organic, and Biological Chemistry .

## **NUTRITION**

### **Faculty Updates**

Sari Edelstein was promoted to Associate Professor.

### **Program Changes**

The program in Dietetics no longer has NUTR 101 Food Science as a requirement.

The course sequence for Dietetics Majors has changed.

First Year:

BIOL 221 Microbiology has moved from suggested in the fall to replacing NUTR 101 in the spring.

Revised Courses

NUTR 334 Medical Nutrition Therapy course description has the following change in the last sentence: Includes five hour lecture plus online discussion.

### **New Program**

#### **BS/MS in Exercise Science/Nutrition and Health Promotion**

This program allows students interested in exercise science and nutrition to obtain a BS in exercise science and a MS in nutrition and health promotion. Working with an advisor, a student will take SHS 410 Research Methods and SHS 450 The Health Care System: Interdisciplinary Perspectives during the fall and spring semester of the senior year. Students need to maintain a 3.0 GPA to continue in the program. Please see the

Department of Biology for the required courses to enter this program. Please visit

<http://www.simmons.edu/shs/academics/catalog/nutrition/> and view the *Nutrition Catalog 2009 – 2010* for graduate requirements.

Students may apply to the joint programs

during their second semester junior year. Formal application should be made to the Admissions Office, School for Health Sciences.

## **PHILOSOPHY**

### **New Courses**

#### **PHIL/WGST 380 Gender and Queer Theory**

4 sem. hrs.

Considers the central themes and problems of contemporary gender and queer theory. Readings include works by foundational thinkers in the field such as Foucault, Rubin, and Butler. Specific topics of inquiry may include critical assessments or theoretical explorations of the following: identity politics, sexual orientation science studies, gay marriage, transgender theory, and intersexuality studies. Trigilio.

## **POLITICAL SCIENCE AND INTERNATIONAL RELATIONS**

### **Faculty Updates**

Daniel Connell will be on sabbatical leave spring 2010.

### **Revised Courses**

POLS 302 Special Topics in Political Science is now POLS 202.

POLS 218 Parties and Elections now fulfills mode 5.

POLS 247 Politics of Religious Fundamentalism (also name change) now fulfills mode 6.

### **New Courses**

#### **POLS 216 The American Judiciary and Legal Issues**

4 sem. hrs.

Examines the American court system as an institution of the US government, and the relationships among law, politics, and society. Examines the meaning of law in the US context; the institutions of law in the US – both the federal and state court systems; and will include discussion and debate on several contemporary legal issues, including same-sex marriage, pornography, affirmative action, and the death penalty. Paden.

#### **POLS 236 Political Novels (M2)**

4 sem. hrs.

Approaches great literature with particular interest in novelists' observations on politics. Examines issues such as: the failings of a modern politics reliant on technology and wealth; the problem of evil; the effects of ideology on human nature; and the relationship between the individual and the state. Beckett.

## **PSYCHOLOGY**

### **Course Change**

PSYC303 Research in Cognitive Processes now has another prereq of PSYC 243 in addition to PSYC 203.

## **SOCIOLOGY**

### **Faculty Updates**

Jyoti Puri will be on sabbatical leave for the academic year 2009-2010.

Anna Sandoval Girōn will be on sabbatical leave fall 2009.

Becky Thompson will be on leave for the academic year 2009-2010.

### **Course Changes**

#### **SOCI 370 Internship (S-1,2)**

4 or 8 sem. hrs. Prereq.: Consent of the department.

Includes weekly seminar.

SOCI 380 Fieldwork has been removed from the course listings.

### **Revised Courses**

#### **SOCI/AST/WGST 232 Race, Gender, and Health (M5)**

4 sem. hrs.

Examines the unique perspective of healthcare from the cultural lens appropriate to women of color. Historical, social, environmental, and political factors that contribute to racial and gender disparities in healthcare are analyzed. Students will develop cultural competency tools for more effective healthcare delivery. Thomas.

## **WOMEN'S AND GENDER STUDIES**

### **Changes to Women's and Gender Studies Major**

There are changes to the list of elective courses SOCI 249, WGST 200, WGST 204 have been removed from the list. WGST 211 has been added.

There are also changes for student's options of their four additional semester hours of advanced work. WGST 360, 352, 254, PHIL 300 have been removed from the list. WGST/AST 340 and ENGL 398 have been added.

### **Courses Updates**

WGST 258 Women and Religion now fulfills mode 6.

WGST 200 Gender and Sexuality is numbered WGST 211.

### **Revised Courses**

#### **WGST/ AST/SOCI 232 Race, Gender, and Health (M5)**

4 sem. hrs.

Examines the unique perspective of healthcare from the cultural lens appropriate to women of color. Historical, social, environmental, and political factors that contribute to racial and gender disparities in healthcare are analyzed. Students will develop cultural competency tools for more effective healthcare delivery. Thomas.

### **New Courses**

#### **PHIL/WGST 380 Gender and Queer Theory**

4 sem. hrs.

Considers the central themes and problems of contemporary gender and queer theory. Readings include works by foundational thinkers in the field such as Foucault, Rubin, and Butler. Specific topics of inquiry may include critical assessments or theoretical explorations of the following: identity politics, sexual orientation science studies, gay marriage, transgender theory, and intersexuality studies. Trigilio.





