

FACULTY SENATE CURRICULUM BULLETIN

CURRICULUM BULLETIN #3

January 12, 2011

The following curriculum information is presented to the University Community for its consideration. In accordance with the procedures of the University Curriculum Committee, Graduate Council and Undergraduate Council, objections to all proposed new courses, programs or program/course modifications should be communicated, in writing, within two weeks of the publication date of this bulletin, to Professor Nagarajan Prabakar, Engineering (Curriculum Committee), Professor Fred Blevens, Journalism (Graduate Council) or Professors Tania Rivera, Public Health, and Karen Fuller, CARTA (Undergraduate Council).

HEARINGS

NAME: [New Bachelor of Arts in Communication Arts](#) **COLLEGE:** Architecture and the Arts
DATE: January 28, 2011 **TIME:** 9:00AM-9:25AM
PLACE: GL 835 and LIB 155 **CONTACT:** Joann Brown
(Joint Undergraduate Council & Curriculum Committee Hearing)

NAME: [New Undergraduate Major: Biology Education](#) **COLLEGE:** Arts and Sciences
DATE: January 28, 2011 **TIME:** 9:25AM-9:50PM
PLACE: GL 835 and LIB 155 **CONTACT:** John Makemson
(Joint Undergraduate Council & Curriculum Committee Hearing)

NAME: [New Graduate Major: Environmental Chemistry](#) **COLLEGE:** Arts and Sciences
DATE: January 28, 2011 **TIME:** 10:00AM – 10:25AM
PLACE: GL 835 and LIB 155 **CONTACT:** Jeffrey Joens
(Joint Graduate Council & Curriculum Committee Hearing)

~~**NAME:** New Graduate Major: Professional Masters in Medical Physics~~
~~**COLLEGE:** Arts and Sciences – Physics~~
~~**DATE:** January 28, 2011~~ ~~**TIME:** 10:25AM-10:50AM~~
~~**PLACE:** GL 835 and LIB 155~~ ~~**CONTACT:** Bernard Gerstman~~
Temporarily withdrawn by department *(Joint Graduate Council & Curriculum Committee Hearing)*

NAME: [New Graduate Major: Environmental Policy & Management](#) **COLLEGE:** Arts and Sciences
DATE: January 28, 2011 **TIME:** 10:25AM-11:00AM
PLACE: GL 835 and LIB 155 **CONTACT:** Joel Heinen
(Joint Graduate Council & Curriculum Committee Hearing)

COURSE REVISION FOR GLOBAL LEARNING DESIGNATION

The following proposals have been submitted for Global Learning Designation and will be heard by the Faculty Senate Ad Hoc Global Learning Curriculum Oversight Committee. You may click on the course name to view the proposal's supporting documents.

School	Department	Course #	Course Name
A&S	English	LIT 3XXX	Global Issues in Literature
Business	Finance	REE 4956	International Real Estate
Business	Mgmt & Int'l Business	MAN 4720	Strategic Management
Education	Teaching and Learning	LAE 4205	Children's Literature
SHTM	Hospitality and Tourism Mgt	HFT 4323	Hospitality Facilities Environmental Systems
SJMC	Journalism and Advertising	MMC 3602	Global Media and Society
CNHS	Nursing	NUR 4667	Nursing in Global Health Systems
PH & SW	Public Health & Social Work	SOW 3620	Social Work and Human Diversity
Undergrad	Undergraduate Education	IDS 3XXX	Diversity of Meaning: Language, Culture and Gender in Society
Undergrad	Undergraduate Education	IDS 3XXX	Global Climate Change: Science, Society & Solutions
Undergrad	Undergraduate Education	IDS 3XXXL	Global Climate Change: Science, Society & Solutions Lab
Undergrad	Undergraduate Education	IDS 3XXX	The Global Scientific Revolution and Its Impact on Quality of Life
Undergrad	Undergraduate Education	IDS 3XXXL	The Global Scientific Revolution and Its Impact on Quality of Life Lab
Undergrad	Undergraduate Education	IDS 3XXX	Sustainability of Energy Alternatives for World Communities
Undergrad	Undergraduate Education	IDS 3XXX	The Culture of Capitalism and Global Justice

PROPOSALS AND CHANGES LISTED BY COLLEGE AND DEPARTMENT

The following proposals and changes, which do not require hearings, are listed below for review by the university community and may be accessed by clicking on the hyperlinks. Faculty contact names are listed and may be reached with questions and problems.

COLLEGE OF ARTS AND SCIENCES

- **PSYCHOLOGY**
[Establish Unit-Specific Graduate Admission Standards](#) – Contact: Lisa Arango
- **PUBLIC ADMINISTRATION**
[Changes to the Undergraduate Certificate in Leadership Studies](#) – Contact: Keith Revell
- **AFRICAN AND AFRICAN DIASPORA STUDIES**
[Changes to the Graduate Certificate in African and African Diaspora Studies](#) – Contact: Alex Lichtenstein

COLLEGE OF BUSINESS ADMINISTRATION

- **GRADUATE SCHOOL**
[Changes to the Graduate Certificate in Health Informatics and Management Systems](#) – Contact: Gloria Deckard
[Changes to the Graduate Certificate in Healthcare Management](#) – Contact: Nancy Borkowski
[Changes to the Master of International Business](#) – Contact: Christos Koulamas

COLLEGE OF EDUCATION

- **LEADERSHIP AND PROFESSIONAL STUDIES**
[Changes to the Graduate Major: Clinical Mental Health Counseling](#) – Contact: Maureen Kenny

COLLEGE OF ENGINEERING AND COMPUTING

- **ENGINEERING MANAGEMENT** – Contact: Shih-Ming Lee
[New Combined BS in Biomedical Engineering and MS in Engineering Management \(BSBME/MSEM\) Program](#)
[New Combined BS in Mechanical Engineering and MS in Engineering Management \(BSME/MSEM\) Program](#)
[New Graduate Certificate in Engineering Management](#)
[New Graduate Certificate in Enterprise Systems](#)
[Changes to the MS in Engineering Management Degree Program](#)
- **COMPUTING AND INFORMATION SCIENCES**
[Changes to the Bachelor of Science in Computer Science](#) – Contact: Nagarajan Prabakar
[Changes to the Bachelor of Science in Information Technology](#) – Contact: Nagarajan Prabakar
- **MECHANICAL AND MATERIALS ENGINEERING**
[Changes to the Bachelor of Science in Mechanical Engineering](#) – Contact: Cesar Levy
[Changes to the Bachelor of Science in Mechanical Engineering with Minor in Aerospace Engineering](#) – Contact: Cesar Levy
[Changes to the Bachelor of Science in Mechanical Engineering with Aerospace Engineering Track](#) – Contact: Cesar Levy
[New Undergraduate Professional Certificate in Aerospace Engineering](#) – Contact: Cesar Levy

COLLEGE OF PUBLIC HEALTH AND SOCIAL WORK

- **SOCIAL WORK**
[Changes to the Bachelor of Science in Social Work](#) – Contact: Richard Beaulaurier
[Changes to the Master of Social Work](#) – Contact: Richard Beaulaurier

NEW COURSES AND COURSE CHANGES – LISTED BY COLLEGE/ SCHOOL/DEPARTMENT

COLLEGE OF ARCHITECTURE AND THE ARTS

➤ **COMMUNICATION ARTS**

NEW COURSE REQUESTS

SPC 2XXX Fundamentals of Interpersonal Communication 3 credits
Through an awareness of ones self-concept students explore the role communication plays in maintaining healthy relationships in areas such as: romantic relationships, friendships, and families.

➤ **MUSIC**

NEW COURSE REQUESTS

MUH 3813 Change credit hours from 2 to 3
New prerequisite: none

COLLEGE OF ARTS & SCIENCES

➤ **BIOLOGICAL SCIENCES**

NEW COURSE REQUESTS

BSC 3XXX Biology Education Seminar 1 credit
A theoretical and practical introduction to pedagogical elements such as Cooperative, Inquiry and Problem-Based Learning. Students will learn how to teach Biology effectively in the modern classroom.
Prerequisite: Permission of instructor

➤ **CHEMISTRY AND BIOCHEMISTRY**

NEW COURSE REQUESTS

CHM 5XXX Chemical Oceanography 3 credits
Interaction of chemical processes in marine systems with biological, geological, and physical processes.
Prerequisites: Graduate standing or permission of instructor

CHM 5XXX Marine Natural Products: Chemistry and Pharmacology/Toxicology 3 credits
Identification, isolation, and characterizations of toxic and other biologically active compounds from marine sources.

CHM 6XXX Environmental Chemistry of Trace Elements 3 credits
Occurrence, transformation, detection, speciation, and other aspects of trace elements in the environment.

➤ **EARTH AND ENVIRONMENT**

NEW COURSE REQUESTS

EVR 6XXX Biogeochemistry of Estuaries and Coasts 3 credits
A survey of estuarine and coastal ecosystems with particular emphasis on how physical, geological, chemical, and biological processes act to regulate ecosystem function.
Prerequisites: PCB 3043, EVR 3013 or equivalent

MET 4XXX Remote Sensing: Radar and Satellite Meteorology 3 credits
An overview of satellite and radar remote sensing including the principles of atmospheric radiative transfer, the retrieval of atmospheric variables, and basic principles of interpretation.
Prerequisites: PHY 2048 and PHY 2049

MET 5XXX Remote Sensing in Meteorology 3 credits
An overview of satellite and radar remote sensing including the principles of atmospheric radiative transfer, the retrieval of atmospheric variables, and basic principles of interpretation.
Prerequisites: PHY 2048 and PHY 2049

➤ **ENGLISH**

NEW COURSE REQUESTS

LIT 3XXX Global Issues in Literature 3 credits
Examination of aspects of story, author, character, and contexts affected by migration, exile, global trade, or other transnational forces.
Prerequisites: ENC 1101 and ENC 1102 or equivalent

➤ **POLITICS AND INTERNATIONAL RELATIONS**

NEW COURSE REQUESTS

CPO 4XXX Politics of North American Cooperation 3 credits
Analyzes US, Canadian and Mexican political processes related to creation of NAFTA. Examines questions of migration, border and human security, and the US politics of securitization after 9/11/2001.

COLLEGE OF BUSINESS ADMINISTRATION

➤ **ACCOUNTING**

COURSE CHANGE/DELETION REQUESTS

ACG 4101	New prerequisite: Passing grade in ACG 3083
ACG 4401	New prerequisite: Passing grade in ACG 3083
BUL 4320	New prerequisite: Passing grade in ACG 3083
BUL 4321	New prerequisite: C or better in BUL 4320
TAX 4001	New prerequisite: Passing grade in ACG 3083

➤ **MANAGEMENT AND INTERNATIONAL BUSINESS**

NEW COURSE REQUESTS

MAN 4XXX	<u>Business in Africa</u>	3 credits
	Examination of the opportunities/challenges of conducting business in the African business environment; includes country/regional analysis of cultural, social, economic, legal and political issues.	
	Prerequisites: A grade of "C" or higher in MAN 4602	

COLLEGE OF ENGINEERING & COMPUTING

➤ **COMPUTING AND INFORMATION SCIENCES**

COURSE CHANGE/DELETION REQUESTS

CEN 3721	New prerequisites: COP 2210 or COP 2250 or equivalent
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➤ **MECHANICAL AND MATERIALS ENGINEERING**

COURSE CHANGE/DELETION REQUESTS

MME3301C	New prerequisite: Add: EEL 3110. Delete: EEL 3111
MME 3301L	New prerequisite: Add EEL 3110L. Delete: EEL 3111L
MME 4561	New prerequisite: Add: EEL 3110, EEL 3110L. Delete: EEL 3111, EEL 3111L
MME 4863	New prerequisite: Add: EEL 3110L. Delete: EEL 3111L

SCHOOL OF HOSPITALITY & TOURISM MANAGEMENT

NEW COURSE REQUESTS

HFT 399X	<u>Social Responsibility in the Hospitality Industry</u>	3 credits
	Examines hospitality companies' social responsibility to their communities and planet. This course examines hospitality's global companies and global issues that will affect their communities and business.	

COURSE CHANGE/DELETION REQUESTS

HFT 3423	New catalog description: This course covers current computer applications in the hospitality industry including information technology specific to hotel and restaurant accounting, finance, marketing and management.
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COLLEGE OF NURSING & HEALTH SCIENCES

➤ **PHYSICAL THERAPY**

NEW COURSE REQUESTS

PHT 5XXX	<u>Principles of Diagnostic Imaging</u>	1 credit
	This course covers the basic physics of medical imaging and provides an overview of various diagnostic imaging tools such as X-rays, scans, MRI, Ultrasound with emphasis on the musculoskeletal system.	
	Corequisites: PHY 5371 & PHT 5174	
PHT 5XXX	<u>Principles of Pathophysiology in Physical Therapy</u>	3 credits
	This pathology course is designed for physical therapy students. It deals with the pathophysiologic processes that affect specific tissues and organ systems of the body.	
	Prerequisite: PHT 5174	
	Corequisite: PHT 5205, PHT 5181	
PHT 6XXX	<u>Clinical Biomechanics</u>	3 credits
	An introduction to temporal parameters, kinetics and kinematics of normal and pathological movement.	
	Prerequisites: PHT 5182, PHT 5182L, OHT 6165	

COLLEGE OF PUBLIC HEALTH & SOCIAL WORK

➤ **HEALTH PROMOTION & DISEASE PREVENTION**

NEW COURSE REQUESTS

PHC 5XXX	<u>Foundations of Public Health Practice for Social Workers</u>	1 credit
	This course will serve as an introduction to applied public health (PH) for MSW level social workers, provide an overview of public health disciplines and provide exposure to its field applications.	

➤ **SOCIAL WORK**

NEW COURSE REQUESTS

SOW 5XXXL	<u>Interviewing Skills Lab</u>	2 credits
	Competency-based course providing graduate students with basic interviewing skills for social work practice. Emphasis is on acquisition of interviewing behavior rather than theory.	
	Corequisite: SOW 5342 Social Work Practice with Individuals and Families	

COURSE CHANGE/DELETION REQUESTS

- SOW 5532L New prerequisites: SOW 5105; 5235; 5342; 5XXX (Interviewing Skills Lab); PHC 5XXX (Introduction to Applied Public Health for Social Workers)
New corequisites: Pre/Co-req: SOW 5629; 5344; Co-req: SOW 5324
- SOW 6533 New catalog description: The first part of two masters-level advanced field practicum courses and integrative seminars that provides students with the opportunity to apply and integrate advanced clinical knowledge and skills.
New prerequisites: A BSW/BSSW Degree and advanced standing status or satisfactory completion of SOW 5532, 5344, 5629, 5324.
New corequisites: Pre/Co-req: SOW 6125; 6435; 6236; & for advanced standing status students only PHC 5XXX (Introduction to Applied Public Health for Social Workers). Co-req: SOW 6425
- SOW 6534L New prerequisites: SOW 6533; 6425; 6435; 6125; 6236; PHC 5XXX (Introduction to Applied Public Health for Social Workers)
New corequisite: SOW 6351

MILITARY SCIENCE

COURSE CHANGE/DELETION REQUESTS

- MSL 4400 Change credit hours from 1 to 3

UNDERGRADUATE EDUCATION

NEW COURSE REQUESTS

- IDS 3XXX Global Climate Change: Science, Society and Solutions 3 credits
This course examines the interconnected relationship between humans and the structures we have created and our natural environment and the systems that underlie it in looking at global climate change.
- IDS 3XXXL Global Climate Change: Science, Society and Solutions 1 credit
This course examines the interconnected relationship between humans and the structures we have created and our natural environment and the systems that underlie it in looking at global climate change.
- IDS 3XXX The Global Scientific Revolution and Its Impact on Quality of Life 3 credits
This course explores how scientific advances change the lives of communities globally and teach non-science majors basic concepts in energy and electronics that they use in their daily lives.
- IDS 3XXXL The Global Scientific Revolution and Its Impact on Quality of Life 1 credit
This course explores how scientific advances change the lives of communities globally and teach non-science majors basic concepts in energy and electronics that they use in their daily lives.
- IDS 3XXX The Culture of Capitalism and Global Justice 3 credits
This course explores the culture of capitalism in world-historical perspective and in its implications for global justice.