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 Professor Tania Rivera, Public Health (Undergraduate Council).

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HEARING

NAME: New Graduate Major: Environmental Chemistry
COLLEGE: College of Arts and Sciences
DATE: April 15, 2011
TIME: 10:00AM – 10:30AM
PLACE: GL 835 (MMC) & LIB 155 (BBC)
CONTACT: Jeffrey Joens (Joint Graduate Council & Curriculum Committee Hearing)

NAME: New Graduate Track: Security
COLLEGE: College of Engineering and Computing
DATE: April 15, 2011
TIME: 10:30AM-10:50AM
PLACE: GL 835 (MMC) & LIB 155 (BBC)
CONTACT: Xudong He (Joint Graduate Council & Curriculum Committee Hearing)

NAME: New Graduate Track: Logistics Engineering
COLLEGE: College of Engineering and Computing
DATE: April 15, 2011
TIME: 10:50AM – 11:10AM
PLACE: GL 835 (MMC) & LIB 155 (BBC)
CONTACT: Shih-Ming Lee (Joint Graduate Council & Curriculum Committee Hearing)

NAME: New Graduate Track: Production and Manufacturing
COLLEGE: College of Engineering and Computing
DATE: April 15, 2011
TIME: 11:10AM-11:30AM
PLACE: GL 835 (MMC) & LIB 155 (BBC)
CONTACT: Shih-Ming Lee (Joint Graduate Council & Curriculum Committee Hearing)

NAME: New Graduate Degree Program: Ph.D. in Basic Biomedical Sciences
COLLEGE: College of Medicine
DATE: April 15, 2011
TIME: 11:30 - Noon
PLACE: GL 835 (MMC) & LIB 155 (BBC)
CONTACT: Barry Rosen (Joint Graduate Council & Curriculum Committee Hearing)
COURSE PROPOSALS 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.

<table>
<thead>
<tr>
<th>School</th>
<th>Department</th>
<th>Course #</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>Arts &amp; Science</td>
<td>Mathematics</td>
<td>MHF4401</td>
<td>Methods in the History of Modern Mathematics</td>
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<td>Engineering</td>
<td>Biomedical Engineering</td>
<td>BME 4007</td>
<td>Principles of Bioengineering</td>
</tr>
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<td>Engineering</td>
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<td>Engineering</td>
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<td>Public Health &amp; Social Work</td>
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<td>Nutrition Education</td>
</tr>
<tr>
<td>Public Health &amp; Social Work</td>
<td>Dietetics</td>
<td>HUN 3191</td>
<td>World Nutrition</td>
</tr>
</tbody>
</table>

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 ARCHITECTURE AND THE ARTS

- **SCHOOL OF MUSIC**
  - Changes to the Undergraduate Track: Instrumental Performance – Contact: Joel Galand
  - Changes to the Undergraduate Track: Organ Performance – Contact: Joel Galand
  - Changes to the Undergraduate Track: Piano Performance – Contact: Joel Galand

- **THEATRE**
  - Changes to the Bachelor in Arts in Theatre – Contact: Michael Yawney
  - Changes to the Undergraduate Track: Design Specialization – Contact: Michael Yawney

COLLEGE OF ARTS AND SCIENCES

- **CHEMISTRY AND BIOCHEMISTRY**
  - Changes to the Master of Science in Chemistry – Contact: Jeffrey Joens
  - Changes to the Ph.D. in Chemistry – Contact: Jeffrey Joens

- **ENGLISH**
  - Changes to the Undergraduate Certificate: Professional and Public Writing – Contact: Michael Creeden

COLLEGE OF BUSINESS ADMINISTRATION

- Changes to the Bachelor of Business Administration – Contact: Ronnie Silverblatt
- Changes to the Business Minor for Non Business Students – Contact: Ronnie Silverblatt
- Changes to the Entrepreneurship Minor for Non Business Students – Contact: Ronnie Silverblatt
- Changes to the Undergraduate Admission Standards – Contact: Ronnie Silverblatt

- **SCHOOL OF ACCOUNTING**
  - Changes to the Bachelor of Science in Accounting – Contact: Delano Gray

- **MANAGEMENT AND INTERNATIONAL BUSINESS**
  - Changes to the Bachelor of Business Administration and Management Major – Contact: Ronnie Silverblatt
  - Changes to the Bachelor of Business Administration, Human Resource Major – Contact: Ronnie Silverblatt
  - Changes to the Bachelor of Business Administration, International Business Major – Contact: Ronnie Silverblatt

- **FINANCE AND REAL ESTATE**
  - Changes to the Bachelor of Business Administration, Real Estate – Contact: Deanne Butchey
  - Changes to the Bachelor of Business Administration, Finance – Contact: Deanne Butchey
COLLEGE OF ENGINEERING AND COMPUTING

- **CIVIL AND ENVIRONMENTAL ENGINEERING**
  - Changes to the BS Civil/MS Combined Degree Program in Environmental Engineering – Contact: Girma Bitsuamlak
  - Changes to the BS Environmental/MS Combined Program in Environmental Engineering – Contact: Girma Bitsuamlak
  - Changes to the BS/MS Combined Program in Civil Engineering – Contact: Girma Bitsuamlak
  - Changes to the MS Program in Civil Engineering – Contact: Girma Bitsuamlak
  - Changes to the Ph.D. Program in Civil Engineering – Contact: Girma Bitsuamlak

- **COMPUTING AND INFORMATION SCIENCES**
  - Changes to the Master of Science in Information Technology – Contact: Xudong He
  - Changes to the Undergraduate Minor in Computer Science – Contact: Nagarajan Prabakar

- **ENGINEERING MANAGEMENT**
  - Contact: Shih-Ming Lee
  - New Combined Degree Program: BS in Computer Science and MS in Engineering Management (BSCS/MSEM)
  - New Combined Degree Program: BS in Information Technology and MS in Engineering (BSIT/MSEM)

SCHOOL OF JOURNALISM AND MASS COMMUNICATION

- Changes to the Spanish Language Masters in Multimedia Journalism – Contact: Carlos Suris

COLLEGE OF NURSING AND HEALTH SCIENCES

- **GRADUATE NURSING**
  - Changes to the Combined BSN/MSN for Foreign Educated Physicians Track – Contact: Liwliwa Villagomeza

- **UNDERGRADUATE NURSING**
  - Changes to the Track: Undergraduate Nursing – Contact: Sharon Simon

COLLEGE OF PUBLIC HEALTH AND SOCIAL WORK

- Changes to the Graduate Certificate in Health Promotion and Disease Prevention – Contact: Jessy Devieux
- Changes to the Health Promotion and Disease Prevention Graduate Degree Program – Contact: Jessy Devieux

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

- **COLLEGE OF ARCHITECTURE AND THE ARTS**
  - **COMMUNICATION ARTS**
    - NEW COURSE REQUESTS
      - SPC 3XXX Rhetorical Communication: A Theory of Civil Discourse 3 credits
        - Students will examine the way people build persuasive argument through analysis of the history of rhetoric from Aristotle, Quintilian, and Gorgias, as it is applied to various disciplines.

  - **MUSIC**
    - NEW COURSE REQUESTS
      - MUG 4XXX Advanced Orchestral Conducting 3 credits
        - Advanced study of orchestral conducting, including gesture, rehearsal techniques, interpretation, score analysis, and repertoire.

- **COLLEGE OF ARTS & SCIENCES**
  - **ENGLISH**
    - NEW COURSE REQUESTS
      - ENC 3XXX Rhetorical Theory and Practice 3 credits
        - An overview of various rhetorical traditions in order to help students understand and improve their discourse practices at school, work, or in technological spaces.
        - Prerequisites: ENC 1101 and 1102 or ENC 2304
      - ENC 3XXX Writing as Social Action 3 credits
        - Writing for academic and public settings. A significant part of the course will consist of students doing writing-related volunteer work in the community.
        - Prerequisites: ENC 1101 and 1102 or ENC 2304

  - COURSE CHANGE/DELETION REQUESTS
    - ENC 1102 New prerequisite: ENC 1101 or equivalent
    - ENC 3363 New title: Writing About the Environment
      - New prerequisites: ENC 1101 and 1102 or equivalents OR ENC 2304
    - ENC 4416 New first digit: 3
      - New prerequisites: ENC 1101 and 1102 or equivalent OR ENC 2304
MATHEMATICS AND STATISTICS
NEW COURSE REQUESTS
IDS 4XXX Mathematics and Philosophy in Arts 3 credits
A panorama and a study of the global interrelation of mathematics, philosophy, and visual arts with emphasis on the evolution of the role of geometry in depicting the perspective in arts.
MAS 5XXX Algebraic Geometry 3 credits
Introduction to the theory of affine and projective schemes, coherent sheaves and sheaf cohomology. Application to studying algebraic varieties.
Prerequisites: MAS 4301, MAA 4402

COURSE CHANGE/DELETION REQUESTS
MAC 1105 New prerequisites: Intermediate Algebra or acceptable score in Placement Test

MODERN LANGUAGES
NEW COURSE REQUESTS
ITA 3XXX Italian Cinema, 1945-1970 3 credits
Studies the Italian Cinema from the end of the World War II (neorealism) until the early 70’s (Comedy Italian Style)
Prerequisites: ITA 3421, ITA 3403, ITA 3500 or instruction permission
SPN 5XXX Introduction to Catalan culture, literature and language 3 credits
Catalan culture and society through literary and visual texts provides also an introduction to Catalan language.
Prerequisite: Advanced level of Spanish
SPW 5XXX Africanism in Spanish Literature and Film 3 credits
Studies the literary and artistic production generated by Spanish relationship with African cultures, as well as Afro-Spanish literature.
WOL 1XXX Introduction to Wolof Language and Culture 3 credits
An introduction to Wolof language and culture, and development of communication skills for practice in the field during summer abroad program in Senegal and The Gambia.
Corequisite: Participation in the study abroad program in Senegal and The Gambia
WOL 1130 Wolof I 5 credits
Introductory course to the Wolof language and culture for students with no prior knowledge of the language.

PUBLIC ADMINISTRATION
COURSE CHANGE/DELETION REQUESTS
PAD 7707 New prerequisite: PAD 6701 or equivalent

RELIGIOUS STUDIES
NEW COURSE REQUESTS
REL 3XXX Introduction to Jainism 3 credits
An introduction to Jain history and origins. Special focus will be placed on concepts of reality, the ascetic life, multiple dimensions of truth, non-violence and conflict resolution.
REL 5XXX Yoga Theory and Practicum 3 credits
An in-depth graduate seminar addressing theory and practice of the eight limbs of yoga. Includes critical analysis of Patanjali’s text, the Yoga Sutras.

WOMEN'S STUDIES
NEW COURSE REQUESTS
WST 4XXX Gender and Sport in American Society 3 credits
Focuses on sport and gender relations and examines gender issues in American sports and the role class, gender, and race play.

ACCOUNTING
COURSE CHANGE/DELETION REQUESTS
ACG 4101 New prerequisites: MAC 2233; ACG 3301 or equivalent with C or higher; successful completion of entrance exam and junior standing
ACG 4401 New prerequisites: CGS 2060 or CGS 2100 or equivalent with C or higher; successful completion of entrance exam and junior standing
BUL 4320 New prerequisites: MAC 2233; ACG 3301 or equivalent with C or higher; successful completion of entrance exam and junior standing
TAX 4001 New prerequisites: MAC 2233; ACG 3301 or equivalent with C or higher; successful completion of entrance exam and junior standing

COLLEGE OF BUSINESS ADMINISTRATION
COLLEGE OF EDUCATION

TEACHING AND LEARNING

COURSE CHANGE/DELETION REQUESTS

- EEX 3066 New catalog description: Delete “pre-requisite or EEX 3012 and EDF 3251”
  New prerequisite: EEX 3070

- EEX 3221 New catalog description: Delete “pre-requisite or EEX 3012”
  New prerequisite: EEX 3070

- EEX 3764 New catalog description: Delete “pre-requisite or EEX 3012”
  New prerequisite: EEX 3070

- EEX 4067 New catalog description: Delete “pre-requisite or EEX 3012 and EDF 3251”
  New prerequisite: EEX 3070

COLLEGE OF ENGINEERING & COMPUTING

BIOMEDICAL ENGINEERING

COURSE CHANGE/DELETION REQUESTS

- BME 4007 New catalog description: Medical instrumentation and design, regulations for medical devices, application of computers in medicine, biomaterials, artificial implants, clinical engineering.
  New prerequisite: BME 3700 or Permission of Instructor

- BME 4401 New catalog description: Fundamentals of major imaging modalities including x-ray radiology, x-ray computed tomography, ultrasonography, magnetic resonance imaging, nuclear imaging (PET and SPECT), and optical imaging.
  New prerequisites: PHY 2049 and BME 2740

  New prerequisites: PHY 2049 and BME 3700

COMPUTING AND INFORMATION SCIENCES

NEW COURSE REQUESTS

- CIS 5XXX Information Security and Privacy 3 credits
  Prerequisite: CIS 5372

- CIS 5XXX Systems Security 3 credits
  Risk, Trust, and Threat models; Types of Attacks; Safe Programming Techniques; Operating System Mechanisms, Virtual Machine Systems; Hardware Security Enforcers; Application Security; Personal Security
  Prerequisite: CIS 5372

- COP 4XXX Algorithm Techniques 3 credits
  Basic algorithm design, including greedy algorithms, divide-and-conquer, dynamic programming, randomization, and backtracking. Graph, string, numerical, geometric, and optimization algorithms.
  Prerequisite: COP 3530

- COP 4516 Competitive Programming and Problem Solving 3 credits
  Prerequisite: COP 3530

COURSE CHANGE/DELETION REQUESTS

- CGS 4854 New prerequisites: CGS 3767 and (COP 3804 or COP 3337)
- CIS 4911 New prerequisites: CEN 4010 and permission of the instructor
- CIS 5372 New title: Fundamentals of Computer Security
- CTS 4348 New prerequisite: CGS 3767

MECHANICAL AND MATERIALS ENGINEERING

NEW COURSE REQUESTS

- EML 4XXX Undergraduate Internship 1 credit
  Undergraduate students gain work experience through supervised internship in industry. The student develops an internship program proposal, and the work performed is documented and presented.
  Prerequisites: Permission of departmental advisor or undergraduate program director

COURSE CHANGE/DELETION REQUESTS

- EAS 4712 New prerequisites: EML 3126, EML 4140
  New corequisites: EML 3036
- EML 3126 New prerequisites: EGN 3321 and MAP 2302
  New corequisites: EGN 3343
- EML 4603 New prerequisites: EML 4140 or permission of the instructor
- EML 4608 New prerequisite: EGN 3343
SCHOOL OF JOURNALISM AND TOURISM MANAGEMENT

COURSE CHANGE/DELETION REQUESTS
MMC 3020  Change credit hours from 2 to 3

JOURNALISM AND BROADCASTING
COURSE CHANGE/DELETION REQUESTS
JOU 3117  New prerequisites: MMC 3104C, JOU 3003, VIC 3002; and full admission into the upper division program
JOU 6118  New title: Investigative Journalism
RTV 6309  Change credit hours from 6 to 3

COLLEGE OF LAW

NEW COURSE REQUESTS
LAW XXXX Advanced Externship Placement 2-4 credits
The Advanced Externship Placement is an externship placement for students who have taken a previous externship and wish to continue in the same area or explore a different area of careers in government, public interest or corporate (in house) law. The will continue to assume professional roles under the close supervision of practicing attorneys and judges. The student will learn substantive law, lawyering skills, and professional responsibility in context but also learn to observe, analyze, and critique their own abilities and the roles lawyers and institutions play in our legal system. The course will focus on developing the ability to learn from critical self-reflection, and draws on the students’ experiences in their placements to advance not only their understanding of basic principles of substantive and procedural law relevant to their placements, but of the role of lawyers and legal institutions in society as well.
Prerequisites: Criminal Externship, or Civil Externship or Judicial Externship.

LAW XXXX Civil Externship Placement 2-4 credits
The purpose of this course is to enhance the student’s understanding of the legal profession and its standards by exposing the student relevant lectures and experiential opportunities in civil litigation. The Civil Externship encourages students to explore careers in governmental, public interest corporate entities by awarding credit for work experience in the respective venues.
Prerequisite: Professional Responsibility

LAW XXXX Criminal Externship Placement 2-4 credits
The Criminal Externship Placement enables students to gain a better understanding of the major issues involved with criminal law practice and the criminal justice system. In addition to legal research and writing tasks, externs can observe and participate in various criminal court proceedings under attorney supervision. Certified externs develop their legal skills by representing defendants or the state in actual criminal cases.
Prerequisite: Professional Responsibility

LAW XXXX Judicial Externship Placement 2-4 credits
The Judicial Externship Placement enables students to serve as judicial externs with participating judges, magistrates or referees in State or Federal Courts. Judicial externs work directly with the judge, magistrate or referee researching, writing memoranda of law, drafting opinions, and generally observing and participating in the day-to-day operation if the court. The Judicial Externship course will utilize a variety of methods to prepare students and engage them in the work of the judicial system. Students are expected to reflect on their experiences and share their newly gained expertise with their instructors and classmates through classroom discussion, student presentations, reflective journals, and interviews with court personnel. The classroom component focuses on developing the ability to learn from critical self-reflection, and draws on the students’ experiences in their placements to advance not only their understanding of basic principles of substantive and procedural law relevant to their placements, but of the role of lawyers and legal institutions as well.
Prerequisites: Students must have a GPA of 2.75, and a writing sample.

LAW 7XXX LL.M. Thesis 1-12 credits
Write LLM Thesis under the direction of the thesis supervisor.

LAW 7XXX United States Law I: Methods, Sources, and Structure 2-12 credits
This course introduces graduate students to the United States legal system. It covers fundamental aspects of legal analysis and argumentation, the sources of law, the reading of cases and statutes in the common law tradition, and the structure of the legal system in the United States today. It addresses general approaches to constructing legal arguments, the use of primary and secondary sources in the United States, the development of United States law, the role and function of various institutions in the context of federalism, the legal process, the legal profession, and legislative and administrative developments.

LAW 7XXX United States Law II: Scholarship and Perspectives 2-12 credits
This course introduces graduate law students to scholarly and theoretical techniques and approaches used in the United States to understand law. It covers basic aspects of academic and scholarly writing in law, perspectives on law from different theoretical schools, and the tools that legal academics use in thinking about and writing about law. The course will survey different kinds of academic writing, with emphasis on the law review article and the LLM thesis. It will also discuss sociological jurisprudence, legal realism, law and economics, and critical legal studies.
NEW COURSE REQUESTS

BME 6XXXL  Dissertation Proposal Seminar  1 credit
After completion of the Qualifying Examination (QE) and dissertation proposal approval the student must present his proposal to the Dissertation Committee. The student will give a PowerPoint presentation the proposed research to the members of the dissertation committee. The dissertation committee will specifically evaluate the following: (i) Has the student demonstrated the ability to design a feasible project? (ii) Has the student demonstrated knowledge of the literature regarding the project? (iii) Has the student presented the proposal (both written and oral) in a scholarly fashion? (iv) Has the student demonstrated competent scientific knowledge with respect to overall fundamental principles and applications in biomedical science? and (v) Does the proposed research constitute an acceptable and feasible dissertation project? This will be achieved through an oral question and answer component within the scheduled time of the dissertation proposal exam meeting. The chairman of the dissertation committee will (i) insure that the proposal exam is held to a reasonable length of time; (ii) insure that the student is evaluated fairly and rigorously; and (iii) see that a written evaluation is promptly prepared and sent to the student and to the director of the graduate program.
Prerequisite: HWCOM Graduate School Enrollment
Corequisites: Completion of Qualifying Examination, Dissertation Proposal, and permission of the Advisor

BMS 6XXXL  Doctoral Dissertation Proposal  3 credits
After completion of the Qualifying Examination (QE) student must prepare a formal research proposal of the Ph.D. studies. A NIH style R01 Research grant 12-page proposal should be submitted to the Dissertation Committee.
Content and Format of the Written Research Proposal: At least two week prior to the scheduled examination, the student will submit to the dissertation proposal exam committee members a written dissertation proposal. The Research Plan should address the following questions: What do you intend to do? Why is the work important? What has already been done? How are you going to do the work?
Prerequisite: HWCOM Graduate School Enrollment

BMS 6XXXL  Formation of Committee: Appointment of Dissertation Committee: Preliminary Proposal  1 credit
This activity will be the appointment of the dissertation committee. A Scientific Advisor (from HWCOM Graduate Program Faculty) will be selected after laboratory rotations based on the agreement between student, advisor, and the graduate program director. Dissertation Committee will be formed from five committee members, three from HWCOM (one chairperson) and two outside HWCOM. It is advised that one committee member should be from outside FIU. The dissertation committee is charged with overseeing all aspects of the dissertation research. They will meet with the student periodically to help plan research, review the student's progress, and provide written reports to the director of the graduate program. The responsibility of the chairperson will be to chair the qualifying examination meeting and the progress report meetings and to prepare and send written reports regarding these meetings and examinations to the director of the graduate program and the student. The chairman should also meet with the student after every meeting to discuss the outcome of the report. The choice of committee members is the decision of the Scientific Advisor and the student. The HWCOM graduate committee can weigh in on the suitability of the outside members. The outside member should apply for graduate faculty status. The student submits 4-5 page proposal approved by each member of the dissertation committee after first committee meeting.
Prerequisite: HWCOM Graduate School Enrollment

BMS 6XXXL  Graduate Seminar  1 credit
Seminars hosted by different HWCOM departments are given by HWCOM faculty, FIU Scientists, and invited speakers throughout the academic year. Graduate Students are encouraged to participate in the scientific discussions and, when possible, arrangements are made for students to meet with guest speakers. Attendance and participation at the Seminars is mandatory for all HWCOM Graduate students and attendance at the other FIU research seminars and lectures is very strongly encouraged. At least once a year the students are expected to present scientific seminar based on their research activities.
Prerequisite: HWCOM Graduate School Enrollment

BMS 6XXXC  Introduction to Scientific Writing  3 credits
This course is designed to introduce first year Ph.D. students to how to critique a paper, how to write a paper to how present scientific materials both as poster and PowerPoint presentations. In addition, the students will write a comprehensive review in a topic of their interest (in consultation with their current/future mentors). The final phase would involve the students learning how to write a NIH-style proposal.
Prerequisite: HWCOM Graduate School Enrollment

BMS 6XXXL  Laboratory Rotations  1 credit
This course will provide students with the research conducted in graduate faculty laboratories. Such experience goes far beyond learning techniques; it is an opportunity for the student to determine whether he/she is compatible with the lab and the mentor. Rotations also provide the student with the opportunity to explore areas in which she/he may have interest but no direct research experience. It is recommended that at least three rotations be utilized to explore a field of research that the student may not have previously considered as a future research direction. Students are required to do a minimum of three different lab rotations, and a student can do additional rotations if necessary to find a compatible lab for thesis research.
Prerequisite: HWCOM Graduate School Enrollment

BMS 6XXXL  Qualifying Examination  5 credits
After completion of the mandatory courses, students will be evaluated by completion of the Qualifying Examination (QE). Students will be evaluated on the successfully passing a Qualifying Examination taken during the second
academic year and no later than the end of that year. The Qualifying Examination determines, in part, the student's eligibility for admission to candidacy for the Ph.D. degree. The examination is designed to test the student's basic knowledge of biomedical sciences, as well as assess creativity and rationality of research design.

Prerequisite: HWCOM Graduate School Enrollment
Corequisite: Completion of all mandatory courses. At least overall 70% score in all mandatory courses.

**BMS 6XXX** Research Credits 5 credits
Students work in the Ph.D. advisor laboratory towards future dissertation project. It is expected that they will devote most of their time free from lecture or seminar time to work in the laboratory. The purpose of these activities is to clearly define the area of future dissertation research, to learn the laboratory techniques, initiate some experiments, to obtain some preliminary data, to develop a dissertation research outline, and prepare the Dissertation Proposal. Students and the Dissertation Advisor should discuss the work schedule of the student, the class time and course load. The Advisor will also recommend the elective courses.

Prerequisite: HWCOM Graduate School Enrollment

**BMS 6XXX** Supervised Teaching in Biomedical Science 1 credit
Graduate Students normally serve in an instructional capacity and are selected on the basis of past teaching experience or academic promise as effective instructors in their field of study. Graduate students will perform such tasks as preparing materials for class lectures, preparing examinations, maintaining records, and tutoring students outside formal classes. Graduate students may be involved in making presentations in laboratories or classrooms, conducting lectures, and leading discussion groups but not as the teacher of record. These tasks involve direct contact with students. This position requires extended knowledge of the subject and should be tested by the teaching faculty, be under the direct supervision of a faculty member experienced in the teaching discipline, receive regular in-service training, and be regularly evaluated.

Prerequisite: HWCOM Graduate School Enrollment

**BMS 7XXX** Dissertation Defense Seminar 1 credit
The Dissertation Advisory Committee (DAC) will approve the major goals of the research project, monitor progress of student performance and approve a target date for the dissertation defense. A prerequisite for the dissertation defense is publication or submission of peer-reviewed papers. It is expected that the student will be first or senior author on at least one of the peer-reviewed publications. The format of the dissertation should follow UGS guidelines. The dissertation defense will take place after the dissertation is submitted in a final form and approved by the DAC. Changes recommended at the time of the defense may be incorporated subsequently. The dissertation should be submitted to the DAC at least four weeks prior to the expected defense date to permit the members adequate opportunity for review. Review of the dissertation by an outside reviewer is encouraged. The defense of the dissertation is governed by the regulations established by the UGS. The dissertation defense includes a public seminar followed by defense of the dissertation to the DAC in closed session. Following the examination, the DAC evaluates the performance in the candidate’s absence and votes to pass or fail the candidate. The record of the vote is recorded on FIU University Graduate School Form Defense of Dissertation Results and submitted to the University Graduate School Office.

Prerequisite: HWCOM Graduate School Enrollment

**BMS 7XXX** Dissertation Research Credits 6 credits
The focal point of the graduate experience will be the dissertation research conducted under supervision of the dissertation advisor. To help guide student through this process, he/she will meet every six months with the dissertation advisory committee, comprised of student advisor and five faculty members with related interests, to discuss the progress of the research, possible ideas for upcoming experiments and sort out what experiments will drive student project forward. These discussions, which are intended to enhance student critical thinking, form an important part of the intellectual growth as an independent scientist. The students take, on average, 5 years to complete their dissertation from the first day of graduate school to the dissertation defense. The publication of the peer-reviewed manuscripts and the presentation of the research data on scientific seminars and meetings is expected.

Prerequisite: HWCOM Graduate School Enrollment

**MEL 7XXX** Medicine & Society Elective 1-12 credits
The Medicine & Society elective is designed for individualized study and further pursuit of topics relevant to the Medicine & Society’s mission preparing to improve health outcomes for underserved communities to cultural and social issues in the delivery of care through the educational objectives on social determinants of health and policy. Students will design an independent study experience under the tutelage of Medicine & Society or other Humanities, Health & Society faculty. Potential projects, include pursuit of a policy initiative in collaboration with Law, cultural competency project, or intensive community-based health initiative. The Medicine & Society elective will be offered in all months with maximum of 6 students per year.

Prerequisite: Enrolled in the Herbert Wertheim College of Medicine

**MEL 7XXX** Public Health Elective 1-12 credits
This elective will introduce students to the practice of Public Health for physicians. Students will be placed for a one month internship at the Miami-Dade County Health Department or comparable practice site, and assigned a mentor (MD/PhD or MD/MPH). Experiences and activities will be tailored to individual student interests within the structure of the elective. Students will be evaluated by their site preceptor.

Prerequisite: Enrolled in the Herbert Wertheim College of Medicine
COLLEGE OF NURSING & HEALTH SCIENCES

➢ NURSING
NEW COURSE REQUESTS
NUR 6XXX  Interprofessional Approaches to Health Care  2 credits
Working in collaboration with medical students and other health professionals, students will develop skills (e.g.,
communication, conflict resolution, etc.) to work effectively in a health care team.
Prerequisite: Admission to major

COLLEGE OF PUBLIC HEALTH & SOCIAL WORK

➢ DIETETICS AND NUTRITION
COURSE CHANGE/DELETION REQUESTS
DIE 6576R  Change grading option from letter to pass/fail grade

➢ EPIDEMIOLOGY AND BIOSTATISTICS
COURSE CHANGE/DELETION REQUESTS
PHC 6009  New prerequisites: PHC 6000 and PHC 6065 or permission of instructor
PHC 6016  New prerequisites: PHC 6000 and PHC 6065 or permission of instructor
PHC 6020  New catalog description: A course on methods in clinical epidemiologic studies, including study design, sample
size, clinical measurements, clinimetric indices, casual inference, analytic issues and clinical decision making.
New prerequisites: PHC 6065, PHC 6000 or permission of instructor