

May 4, 2011

**Faculty Senate Curricular Affairs Committee  
Four Hundred Eighty-Ninth Report**

At the April 25, 2011 meeting of the Curricular Affairs Committee and by electronic communication through May 4, 2011, the following matters were considered and are now presented to the Faculty Senate.

SECTION I

Informational Matters

A. College of Arts and Sciences

1. Department of English and African and African-American Studies Program
  - a. CHANGE: Description for ENG 247 (or AAF 247) to “Major themes, genres, and motifs of the literatures of Africa and the Americas. Focus on one or more of these regions. Study of black oral and written literatures with emphasis on cultural, historical, political, and socioeconomic contexts.”
  - b. CHANGE: Title for ENG 362 (or AAF 362) to “African-American Literary Genres” and description to “Study of drama and poetry in the continued oral and written heritage of Africa and America, excepting short story and the novel. Focus on Baraka, Bullins, Dunbar, Giovanni, Hughes, and Walker.”
2. Department of Modern and Classical Languages and Literatures

CHANGE: Prerequisite for SPA 210 to “Pre: High School Spanish through Spanish 104 or equivalent preparation in the language.”
3. Department of Music
  - a. CHANGE: Title and description for the following courses:
    - 1) MUS 120 to “Music Theory and Sight-singing I”  
“Development of basic music theory concepts as well as basic sight-singing, rhythmic, and ear training skills. Scales, modes, intervals, rhythmic notation, and triads.”
    - 2) MUS 121 to “Music Theory II”  
“Rhythmic, melodic, and harmonic elements of music. Part writing, analysis, and keyboard work involving primary triads.”
    - 3) MUS 227 to “Music Theory IV”  
“Advanced rhythmic, melodic, and harmonic practice approached through analysis, keyboard, and part writing, including original work. Covers extended chords, chromatic alteration, chromatic progression, and foreign modulation, set theory, tone rows.”

- b. CHANGE: Title for MUS 122 to “Ear Training and Sight-singing II” and prerequisite to “Pre: May be taken concurrently with 121.”
  - c. CHANGE: Title for the following courses:
    - 1) MUS 225 to “Music Theory III”
    - 2) MUS 226 to “Ear Training and Sight-singing III”
    - 3) MUS 228 to “Ear Training and Sight-singing IV”
3. Department of Political Science
- a. CHANGE: Effective date until Spring 2013 for the delay in implementation of the requirement of PSC 210, 211, 212, or 310 as prerequisites.
  - b. CHANGE: Prerequisite for the following courses by adding “or 211” after “116”:
    - 1) PSC 201
    - 2) PSC 303
    - 3) PSC 321
    - 4) PSC 342
    - 5) PSC 350
    - 6) PSC 370
    - 7) PSC 377
  - c. CHANGE: Prerequisite for the following courses by adding “or 210” after “113”:
    - 1) PSC 288
    - 2) PSC 303
    - 3) PSC 305
    - 4) PSC 321
    - 5) PSC 342
    - 6) PSC 365
    - 7) PSC 368
    - 8) PSC 369
    - 9) PSC 370

B. College of Engineering

1. Department of Civil and Environmental Engineering

- a. CHANGE: Description for CVE 381: “Engineering properties of soils, seepage, consolidation theory, calculation of stresses, failure theories, shear strength of sand, shear strength of clay.
- b. CHANGE: Description for CVE 382: “Laboratory studies of physical properties and behavior of soils: index properties, compaction, consolidation, and shear strength. Interpretation, evaluation, and engineering applications of test data.”

2. Department of Electrical, Computer and Biomedical Engineering

a. CHANGE: Prerequisite for the following BME courses:

- 1) BME 207 to “(MTH 142 and PHY 204 and (credit or concurrent enrollment in BIO 121)) or permission of instructor”
- 2) BME 307 to “((ELE 212 or 220) and (MTH 243 or 362)) or permission of instructor”
- 3) BME 360 to “(concurrent enrollment in 361 and ELE 212) or permission of instructor”

b. CHANGE: Prerequisite for the following ELE courses:

- 1) ELE 201 to “(credit or concurrent enrollment in MTH 141) or permission of instructor”
- 2) ELE 205 to “(credit or concurrent enrollment in 206 and MTH 141) or permission of instructor”
- 3) ELE 208 to “(credit or concurrent enrollment in 209 and MTH 141) or permission of instructor”
- 4) ELE 212 to “(PHY 204, (credit or concurrent enrollment in MTH 244 or 362), and (at least a 2.0 (C) average in MTH 141, MTH 142, PHY 203, and PHY 204)) or permission of instructor”
- 5) ELE 220 to “PHY 204 or permission of instructor”
- 6) ELE 301 to “(201 and 202 and 212 and 215 and (credit or concurrent enrollment in 302)) or permission of instructor”
- 7) ELE 305 to “(201 and 212 and (205 or 208)) or permission of instructor”
- 8) ELE 313 to “(212, EGR 106, (MTH 244 or 362), and ((at least a 2.0 (C) average in 212, (MTH 244 or 362), and PHY 204)) or permission of instructor”
- 9) ELE 314 to “313 or permission of instructor”
- 10) ELE 322 to “(212 and MTH 243 and PHY 204) or permission of instructor”
- 11) ELE 325 to “(212 and PHY 204 and MTH 362) or permission of instructor”
- 12) ELE 331 to “(212 and MTH 243 and PHY 306) or permission of instructor”
- 13) ELE 338 to “201, 212, 215, (EGR 106 or permission of instructor), (credit or concurrent enrollment in 339), and ((at least a 2.0 (C) average in 201, 212, 215, MTH 142, and PHY 204) or permission of instructor).”
- 14) ELE 343 to: “(((338 and 339) or 342) and (credit or concurrent enrollment in 344)) or permission of instructor”

3. Department of Mechanical, Industrial, and Systems Engineering

CHANGE: Prerequisite for the following courses:

- 1) MCE 301 to “CVE 220, credit or concurrent enrollment in ISE 240, and ((at least a 2.0 (C) average in PHY 203, MCE 262, CVE 220 and students must be admitted to the College of Engineering) or permission of instructor)”
- 2) MCE 302 to “(201 or permission of instructor) and 263 and 301”
- 3) MCE 366 to “263 and MTH 244, and (students must be admitted to the College of Engineering or permission of instructor)”

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S E C T I O N I I

Curricular Matters Which Require Confirmation by the Faculty Senate

A. College of Arts and Sciences

1. Department of Political Science

- a. ADD: **PSC 367 American Political Campaigns and Elections (4)**  
Examines the most recent political science research on American political campaigns and elections. Emphasis also on experiencing real world electoral politics. (Lec. 3, Practicum 2) Pre: 113 or 210.
- b. CHANGE: Level and number for PSC 212 to “PSC 310 (212)” and title to “Introduction to Political Science Research.”
- c. CHANGE: Level, number, title, credits, description, method of instruction and prerequisite for PSC 221 to “PSC 330 (221)” as follows:

**PSC 330 (221) State and Local Politics and Policy (4)**

Examination of the politics, institutions and policy processes of state and local governments. (Lec. 3, Practicum 2) Pre: 113 or 210.

- d. CHANGE: Requirements for the B.A. in Political Science to read as follows:

Students selecting this field must complete a minimum of 32 credits (maximum 48) in political science, including PSC 113 (4), 116 (4), 310 (4), and either 210 or 211 (4). Students must select one additional 300-level experiential course (4) and two 400-level research seminars (4 each).

- e. CHANGE: Requirements for the minor in International Relations to read as follows:

*The minor in international relations is designed to provide a basic grounding in the theory and practice of international affairs for students with an interest in global issues. Drawing upon upper-level courses economics, history, and political science, the program integrates existing course offerings and provides a focused option in international affairs.*

Students must complete a minimum of 18 credits, drawn from the required courses and options outlined below. Please note that students are responsible for completing any necessary prerequisites before enrolling in these courses. One common prerequisite for the Political Science courses is PSC 116 - Introduction to International Politics. Required courses may not be offered every semester so please contact your adviser *before* your senior year.

Requirements include PSC 211, ECN 338 or PSC 422, and one of the following capstone courses: PSC 408, 416, 417,422, 431,434, 435,481, 544, 580, 581, and 584. The capstone course cannot be used to meet any other requirement within the minor.

In addition to the required courses, students must take at least one course from each of the following groups, for a total of 18 credits: international relations theory (PSC 300, 350, 417, 431, 434, 435, 544, 546, 580, and 584); international political economy (ECN 305, 338,344, 363;PSC 402, 403,422, 521, 581, and 595); comparative government (HIS 332, 333, 374, 375,381, 382, 384, 388; PSC 201, 320, 321, 377, 408, 410, 415, 416, 481, and 584).

## 2. Department of Writing and Rhetoric

ADD: **WRT 385 Field Experience with Writing Rhode Island (1-4)**  
Supervised field experience in the Writing Rhode Island Production Lab. Entails substantial field-based and/or qualitative research, collaborative drafting, document design, and client interaction. Requires final project and reflection. (Practicum) Pre: writing & rhetoric major with a minimum of 12 credits in WRT courses and permission of supervisor.

## B. College of Engineering

### 1. Department of Electrical, Computer and Biomedical Engineering

ADD: **ELE 101 Introduction to Electrical Engineering (1)**  
Seminar series given by instructor, invited experts, and students with a focus on electrical engineering applications and professional practice. (Seminar) Pre: (credit or concurrent enrollment in MTH 141) or permission of instructor.

### 2. Department of Mechanical, Industrial, and Systems Engineering

CHANGE: Professional electives for the Mechanical Engineering program to read as follows:

*Professional Electives:* Must be satisfied by a minimum of three 3-credit elective courses in mechanical engineering (no more than two courses from the MCE 47\_ (or CHE 47\_) series, two of which must be taken at URI. The fourth course may be a 300-400- or 500-level course offered by the College of Engineering; or the Departments of Chemistry, Computer Science and Statistics, or Physics; or the Department of Mathematics (one 400-or 500-level course). Professional elective courses taken outside URI are subject to URI transfer credit rules and require prior written approval.

C. College of Nursing

CHANGE: The following requirements for the B.S. in Nursing:

- a. Drop SOC 100, PSY 113, and PSY 232 as required general education courses for students in the College of Nursing
- b. Increase the College of Nursing entrance GPA to "3.0" from the current 2.8
- c. Add the following statement to the requirements for the B.S. degree in Nursing "Students who receive a C- or lower in any two NUR courses will be dismissed from the College. "

D. Honors Program

1. CHANGE: Credits for the following courses from 3 to "3-4":
  - a. HPR 107
  - b. HPR 108
  - c. HPR 109
  - d. HPR 110
  - e. HPR 112
  - f. HPR 119
  - g. HPR 124
  - h. HPR 125
  - i. HPR 307
  - j. HPR 308
2. CHANGE: Credits for HPR 301 and HPR 302 to "(1-4)" and prerequisite to Pre: "GPA of 3.50 or better and permission of the Director of the Honors Program."
3. CHANGE: credits from 1-4 to "3-4" for the following courses:
  - a. HPR 309
  - b. HPR 310
  - c. HPR 319
  - d. HPR 324
  - e. HPR 325
4. DELETE: **HPR 313, 314 Honors Tutorial in Philosophy I and II (1-3 each)**

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SECTION III

Joint Report of the Report of the Curricular Affairs Committee and Graduate Council on  
400-Level Courses

At the April 25, 2011 meeting of the Curricular Affairs Committee and the March 28, 2011 and April 18, 2011 meetings of the Graduate Council the following matters were considered and are now presented to the Faculty Senate.

A. Informational Matters

1. College of Arts and Sciences

Department of Political Science\*

1) CHANGE: Prerequisite for the following courses to “Pre: 212 or 310”:

- a) PSC 403
- b) PSC 431
- c) PSC 434
- d) PSC 461

2) CHANGE: Prerequisite for the following courses by adding “or 211” after “116”:

- a) PSC 420
- b) PSC 432
- c) PSC 482

3) CHANGE: Prerequisite for the following courses by adding “or 210” after “113”:

- a) PSC 402
- b) PSC 420
- c) PSC 441
- d) PSC 461
- e) PSC 466
- f) PSC 471
- g) PSC 482
- h) PSC 483
- i) PSC 491

4) CHANGE: Prerequisite for PSC 416 and PSC 417 to “Pre: sophomore standing or permission of instructor.”

2. College of Engineering

a. Department of Civil and Environmental Engineering

CHANGE: Title for CVE 483 to “Shallow Foundations” and description to “Applications of geotechnical engineering principles to analysis and design of shallow foundations. Foundation types, bearing capacity, settlement, lateral earth pressures, gravity retaining walls, introduction to deep foundations.”

b. Department of Electrical, Computer and Biomedical Engineering\*

1) CHANGE: Prerequisites for the following BME courses:

- a) BME 461 to “Pre: *ELE 314 or permission of instructor*”

\*No action by the Graduate Council. Not for graduate credit

- b) BME 462 to “Pre: (207 and 360 and ELE 313 and 314) or permission of instructor”
  - c) BME 464 to “Pre: (207 and 360 and ELE 313 and 314) or permission of instructor”
  - d) BME 465 to “Pre: credit or concurrent enrollment in 464”
  - e) BME 468 to “Pre: 360 or permission of instructor”
  - f) BME 482 to “Pre: ((207 or ELE 205 or 208) and ELE313 and 342) or permission of instructor”
- 2) CHANGE: Prerequisites for the following ELE courses\*:
- a) ELE 400 to “Pre: ((205 or 208 or BME 207) and 212) or permission of instructor”
  - b) ELE 457 to “Pre: ((205 or 208 or BME 207) and 314) or permission of instructor”
  - c) ELE 458 to “Pre: ((205 or 208 or BME 207) and (314 or 461 or BME 461) and ((338 and 339) or 342) and (credit or concurrent enrollment in 459)) or permission of instructor”
  - d) ELE 480 to “Pre: (205 or 208) and 313 and ((338 and 339) or 342) and ((at least a 2.0 (C) average in 212, 313, and 338)) and permission of instructor”
  - e) ELE 481 to “Pre: (205 or 208) and 313 and ((338 and 339) or 342) and ((at least a 2.0 (C) average in 212, 313, and 338)) and permission of instructor”
- c. Department of Mechanical, Industrial and Systems Engineering
- 1) CHANGE: Prerequisites for the following IME courses:
- a) ISE 401 to “Pre: 240, 412, and 432 or 433, or permission of instructor”
  - b) ISE 411 to “Pre: MTH 142 or permission of instructor”
  - c) ISE 432 to “Pre: MTH 362 or 215 or permission of instructor”
  - d) ISE 443 to “Pre: 240 and CVE 220”
  - e) ISE 444 to “Pre: 240 and MCE 263”
  - f) ISE 446 to “Pre: 240, CVE 220, and CHE 333”

\*No action by the Graduate Council. Not for graduate credit

g) ISE 449 to “Pre: 240 or permission of instructor”

h) ISE 451 to “Pre: 432 or 433 or permission of instructor”

i) ISE 460 to “Pre: 240, CHE 332 or CHE 333”

2) CHANGE: Description for MCE 471 (or CHE 471) by deleting “Not for graduate credit.”

3) CROSS-LIST: MCE 472 with CHE as “MCE 472 (or CHE 472)”

### 3. College of Business Administration

CHANGE: Description for BUS 449 by deleting “Not for graduate credit.”\*\*

## B. Curricular Matters Which Require Confirmation by the Faculty Senate

### 1. College of Engineering

Department of Mechanical, Industrial and Systems Engineering

1) CHANGE: Level and number for MCE 438 to “MCE 338 (438)” and prerequisite to “Pre: “341 and 354 and 372, or permission of instructor”

2) ADD: **MCE 476 (or CHE 476) Mechanics of Materials in Nuclear Applications (3)**  
Nuclear systems, material microstructure and mechanical properties, high temperature deformation mechanisms, radiation effects, reactor materials, materials selection for primary and secondary cycles. (Lec. 3) Pre: (CVE 220 and (CHE 332 or 333), or permission of instructor.

### 2. College of Pharmacy\*

Department of Biomedical and Pharmaceutical Sciences

ADD: **BPS 455 Protein Molecular Modeling for Biomedical Sciences (3)**  
Use of cutting edge computer software to explore the 3D-structure of proteins of biomedical interest. Independent application of course topics will be required: either a case study to teach existing knowledge or a research project to create new knowledge. (Lec. 1, Lab 6) Pre: BCH 311 or equivalent with grade of B- or better, and CHM 227 (or 124) with grade of B- or better. Not for graduate credit.

### 3. Honors Program\*

CHANGE: Credits for HPR 412, 413 from 3 to “3-4”\*

\*No action by the Graduate Council. Not for graduate credit

\*\*Reported incorrectly in the 483 Report of the Curricular Affairs Committee