



Faculty Senate

February 3, 2006

Faculty Senate Curricular Affairs Committee Four Hundred Fortieth Report

As approved by the Faculty Senate on February 23, 2006

At the January 31, 2006 meeting of the Curricular Affairs Committee the following matters were considered and are now presented to the Faculty Senate.

SECTION I

Informational Matters

A. College of Arts and Sciences

1. African and African American Studies Program and Department of English

CROSSLIST: AAF 352 as AAF 352 (or ENG 352) Black Images in Film.

2. Department of Journalism

CHANGE: Prerequisite for JOR 220 to "Pre: WRT course with a grade of B or better.

3. College Writing Program

* CHANGE: Credits for WRT 383 to "(1-3)."

B. College of the Environment and Life Sciences

1. Department of Animal and Veterinary Science

a. CHANGE: Prerequisites for the following courses:

- 1) AVS 212 to "Pre: AVS 101, 102."
- 2) AVS 323 to "Pre: AVS 101."

*This was incorrectly reported as (3) in the 429th Report of the CAC.

- 3) AVS 324 to "Pre: AVS 101."
- 4) AVS 331 to "Pre: BIO 101 and CHM 101 or 103."
- 5) AVS 365 to "Pre: BIO 101."
- 6) AVS 372 to "Pre: BIO 101 or permission of instructor."
- 7) AVS 399 to "Pre: Permission of instructor."

b. CHANGE: Description for AVS 102 by adding "Restricted to AVS majors."

2. Department of Biological Sciences and Department of Plant Sciences

CROSS-LIST: BIO 286 as "BIO 286 (or ENT 286)."

C. College of Engineering

Department of Industrial and Manufacturing Engineering

CHANGE: Prerequisites for the following courses:

- 1) IME 240 to "Pre: CHM 101 and PHY 204 or 214."
- 2) IME 241 to "Pre: Credit or concurrent enrollment in 240."

D. College of Human Science and Services

1. Department of Human Development and Family Studies

CHANGE: Prerequisite for HDF 314 to "Pre: completion of 24 or more credits."

2. Department of Kinesiology

a. CHANGE: List of electives for the Health Fitness Specialization to read as follows:

PROPOSED HEALTH FITNESS SPECIALIZATION ELECTIVES

ACC 201	(3 cr) Financial Accounting	
ACC 202	(3 cr) Managerial Accounting	(ACC 201 or permission)
BCH 311	(3 cr) Introductory Biochemistry	(CHM 124 or equivalent)
BSL 333	(3 cr) Legal and Ethical Environment of Business I	(Jr. Standing, permission of Dean)
CHM 124	(3 cr) Introduction to Organic Chemistry	(CHM 103)
COM 202	(3 cr) Public Speaking	
COM 221	(3 cr) Interpersonal Communication	
COM 324	(3 cr) Nonverbal Communication	(COM 202, 221)
COM 351	(3 cr) Oral Communication for Business Professions	
HDF 201	(3 cr) Lifespan Development II	
HDF 314	(3 cr) Introduction to Gerontology	
HDF 357	(3 cr) Family and Community Health	
HDF 450	(3 cr) Introduction to Counseling	(permission of instructor)
MGT 110	(3 cr) Introduction to Business	
MGT 300	(3 cr) Introduction to Management and	

	Supervision	
MGT 301	(3 cr) Organization and Management Theory I	
MGT 402	(3 cr) Leadership and Motivation	
NFS 360	(3 cr) Nutrition in Exercise and Sport	
NFS 441	(3 cr) Advanced Human Nutrition	(NFS 207, BIO 242, BCH 311, or permission of instructor)
NFS 444	(3 cr) Nutrition and Disease	
KIN 391	(3 cr) Directed Study	(NFS 441, 443, or permission of instructor)
PHY 111	(3 cr) General Physics I	
PHY 185	(1 cr) Laboratory for General Physics I	
PHY 112	(3 cr) General Physics II	
PHY 186	(1 cr) Laboratory for Physics II	
PSY 103	(3 cr) Towards Self-Understanding	
SOC 224	(3 cr) Health, Illness and Medical Care	
WRT 227	(3 cr) Business Communications	(Open to BUS majors only)
WRT 235	(3 cr) Writing in electronic Environments	

- b. CHANGE: List of electives for the Exercise Science Specialization to read as follows:

PROPOSED EXERCISE SCIENCE SPECIALIZATION ELECTIVES

BIO 445	(3 cr) Endocrinology	(BCH 311 and BIO 121 or 242)
BIO 453	(3 cr) Cell Biology	(2 semesters bio, BCH 311, junior standing)
BIO 451	(1 cr) Laboratory in Cell Biology	(concurrent enrollment in Bio 453)
BCH 464	(3 cr) Biochemistry of Metabolic Disease	(BCH 311 or BCH 481)
NFS 360	(3 cr) Nutrition in Exercise and Sport	
NFS 441	(3 cr) Advanced Human Nutrition	(NFS 207, BIO 242, BCH 311, or permission of instructor)
NFS 444	(3 cr) Nutrition and Disease	(NFS 441, 443, or permission of instructor)
MIC 211	(3 cr) Introductory Microbiology	(2 sem. of BIO, 1 sem Org. Chem. which can be taken concurrently)
KIN 120	(1 cr) Weight Training	
KIN 391	(3 cr) Directed Study	
PHY 111	(3 cr) General Physics I	
PHY 185	(1 cr) Laboratory for General Physics I	
PHY 112	(3 cr) General Physics II	(PHY 111 and PHY 185)
PHY 186	(1 cr) Laboratory for Physics II	
PSY 300	(3 cr) Quantitative Methods in Psychology	(PSY 113, 1 college level MTH class, and soph. standing)
SOC 100	(3 cr) General Sociology	
SOC 224	(3 cr) Health, Illness and Medical Care	
STA 307	(3 cr) Introductory Biostatistics	(MTH 107 or 108)
STA 308	(3 cr) Introductory Statistics	(MTH 107 or 108)
STA 409	(3 cr) Statistical Methods in Research I	(MTH 131 or 141)
STA 412	(3 cr) Statistical Methods in Research II	(STA 307 or 308 or 409)

2. Hunger Studies

CHANGE: Minor in Hunger Studies by adding CPL 300 (or NRS 300) to the list of approved electives.

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S E C T I O N II

Curricular Matters Which Require Confirmation by the Faculty Senate

A. College of Arts and Sciences

1. Department of Chemistry

- a. CHANGE: Title, credits and description for CHM 354.

CHM 354 Undergraduate Research in Forensic Chemistry (1-12)

Methods of approach to a research problem in forensic chemistry. Literature, laboratory work, and a report of an original problem or problems. (Independent Study) Pre: permission of instructor. May be repeated for a maximum of 12 credits.

- b. CHANGE: Credits for CHM 353 to "(1-12)"

2. Department of Modern and Classical Languages and Literatures

a. Italian

CHANGE: Requirements for the Italian major to read as follows:

Students selecting this major must complete at least 30 credits (maximum 45) in Italian courses. ITL 101 and 102 may not be used toward the 30 credits for the major. Students may use up to 3 credits from ITL 391, 392 and 395 towards the major.

b. Spanish

ADD: The following courses:

a) **SPA 111 Accelerated Elementary Spanish (6)**

Accelerated elementary Spanish equivalent to 101 and 102. Develops basic communication skills in Spanish. Explores the products, practices and perspectives of Hispanic culture. (Lec. 6)

b) **SPA 113 Accelerated Intermediate Spanish (6)**

Accelerated intermediate Spanish equivalent to 103 and 104. Develops intermediate communication skills in Spanish. Explores the products, practices and perspectives of Hispanic culture. (Lec. 6) Pre: 102 or 111 or permission of instructor.

B. College of Business Administration

1. CHANGE: Course codes, numbers, description and/or prerequisites for all 100, 200, and 300 level courses in ACC, BAC, BSL, FIN, INS, MGT, MIS, MSI, MKT to "BUS." [See Appendix] Appendix is available on the web at http://www.uir.edu/facsen/440_CAC_CBA_Appendix.pdf
2. DELETE: The following courses:
 - a. ACC 371, 372
 - b. MGT 300
 - c. MSI 301
 - d. MKT 321, 331, 341

[See Appendix] Appendix is available on the web at http://www.uir.edu/facsen/440_CAC_CBA_Appendix.pdf

C. College of the Environment and Life Sciences

1. Department of Geosciences
 - a. DELETE: The following courses:
 - 1) GEO 107 Geological Field Trips (1)
 - 2) GEO 203 Field Geology (3)
 - 3) GEO 240 Prehistoric Life (4)
 - 4) GEO 301 Earth's Depleting Resources (3)
 - 5) GEO 321 Rocks and Geologic Processes (4)
 - b. ADD: **GEO 204 Evolution of the Earth (4)**
Survey of Earth history. Time, plate movements, ancient environments, climates, and the fossil record introduced in historical context (Lec. 3, Lab 2). Pre: 103, equivalent, or permission of instructor.
 - c. REMOVED
 - d. CHANGE: Curriculum for the B.S. major in Geology and Geological Oceanography as follows:

B.S. in Geological Oceanography

This major, offered by the Department of Geosciences and the Graduate School of Oceanography, includes a comprehensive background in geology and a solid introduction to geological oceanography. The curriculum includes the full set of chemistry, physics, biology, and mathematics courses required for a B.S. in geosciences. Students in the program will be advised jointly by geosciences and oceanography faculty members.

A senior research project will be taken in the Graduate School of Oceanography (GSO) as OCG 493 or 494 [capstones], under the direction of a GSO faculty member. Three courses in oceanography – OCG 401 or 451, 540, and one additional OCG course at the 400 level or above selected by the student in conjunction with the advisor – will provide the student with a good overview of his or her intended field, and also relieve the student of two required courses if he or she continues on to study oceanography at the graduate level at the University of Rhode Island. In addition to this, the student may find opportunities for summer employment or participation in oceanographic research cruises after his or her junior year.

Students completing this program of study will be well prepared to pursue careers in either conventional geology or geological oceanography. Technical positions in private or government oceanographic laboratories are available for geological oceanographers with bachelor's degrees. Students who pursue graduate studies can expect to find a high demand for geological oceanographers with advanced degrees. Students entering the URI Graduate School of Oceanography from this program will have a significant head start compared with those entering from most other undergraduate institutions.

The following core courses are required: GEO 103 (4), 204 (4), 210 (4), 320 (4), 370 (4), 450 (4), 483 (4), either an approved summer field camp (GEO 480 **[capstone]**) for a four to six credits or an approved field experience (prior approval required), two approved geosciences electives (at the 300-level or above); OCG 401 (3) or 451 (3), 540 (3), OCG 493 or 494 **[capstones]** (3); and one additional OCG course at the 400 level or above. Students must also take the following supporting course work: MTH 131 (3) or 141 (4); MTH 132 (3) or 142 (4); BIO 101 (4) and 102 (4); CHM 101 (3), 102 (1) and 112 (3), 114 (1); CSC 201 (4) or STA 308 (3); PHY 111 (3), 185 (1) or 213, 285 (4); and PHY 112 (3), 186 (1) or 214, 286 (4).

A total of 126 credits is required for graduation.

2. Department of Natural Resources Science

DELETE: The following courses:

- a) NRS 186 Analysis and Presentation of Environmental Data (3)
- b) NRS 312 Methods in Soil and Water Analysis (3)

3. REMOVED

4. Department of Environmental and Natural Resource Economics

CHANGE: Curricular requirements for majors in Resource Economics and Commerce as follows:

- a. Add REN 205 to the list of introductory professional courses, increasing the number of credits required to 9.
- b. Reduce the number of credits of supporting electives to 26.

The major will continue to require a total of 125 credits.

D. Graduate School of Oceanography

ADD: The following new minor in Oceanography:

Oceanography. The minor in oceanography is available to students interested in scientific understanding of the ocean, including its role in controlling the environment in which we live, its usefulness as a resource, and the importance of marine area protection and sustainability. Students choosing this minor must complete 18 credits, at least 9 of which must be from OCG courses. Courses may not be taken on a pass-fail basis. The following course requirements must be met: (1) One OCG course and up to one other course from the following 100-level course list: CHM 100; GEO 103; MAF 100, MAF 120; OCG 110, OCG123, OCG 131. (2) One of these three General Oceanography courses: OCG 123, OCG 401, OCG 451. (3) The remaining 7-12 credits from the following courses: APG 413; BIO 345, BIO 360, BIO 418, BIO 455, BIO 457, BIO 469, BIO 475, BIO 495; EVS 366; GEO 277, GEO 450, GEO 465; MAF 330, MAF 415, MAF 461, MAF 465, MAF 471, MAF 482, MAF 484, MAF 490, MAF 511; MCE 354; OCE 215/6, OCE 301, OCE 307, OCE 310, OCE 311, OCE 471; OCG 420, OCG 480, OCG 493/494, OCG 501, OCG 506, OCG 517, OCG 521, OCG 540, OCG 561. Permission of the Program Administrator is needed if OCG 493 or 494 is used to satisfy Requirement (3). Other courses may be substituted, at the request of the student and with permission of the Program Administrator. The Graduate School of Oceanography (GSO) administers this program. Interested students should contact the GSO Associate Dean for Academic Programs, Dr. Mark Wimbush, Room 25 Fish Building, Narragansett Bay Campus.

E. College of Human Science and Services

Department of Textiles, Fashion Merchandising and Design.

ADD: **TMD 346 Computer-Aided Textile and Apparel Design (3)**
Development and production of textile and apparel designs and patterns using selected computer software packages.
Implications for use in the apparel industry. (Lec. 1, Lab 4) Pre: 327 or permission of instructor.

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S E C T I O N III

Joint Report of the Graduate Council and Curricular Affairs Committee on 400-level courses

At the Curricular Affairs Committee's meeting of January 31, 2006 and the Graduate Council's meetings of November 18, 2005 and February 3, 2006, the following matters were considered and are now presented to the Faculty Senate.

A. Informational Matters

1. College of Arts and Sciences

a. Department of Journalism

CHANGE: Prerequisite for JOR 430 to read "Pre: JOR 330 or 331 with a grade of C or better."

b. Department of Languages - Italian

CHANGE: Description for ITL 455 by adding:

May be repeated for a maximum of 12 credits with different topics.

2. College of Engineering

* Department of Industrial and Manufacturing Engineering

1) CHANGE: Prerequisite for IME 404 by deleting 411 and adding "Not for graduate credit in industrial and manufacturing engineering" to the course description.

2) CHANGE: Prerequisite for IME 449 to "Pre: IME 240 or 340 or permission of instructor" and adding "Not for graduate credit." to the course description.

3. College of the Environment and Life Sciences

a. Department of fisheries, Animal and Veterinary Science

CHANGE: Prerequisites for the following courses:

a) AVS 412 to "Pre: junior standing or above."

b) AVS 420 to "Pre: junior standing or above."

c) AVS 472 to "Pre: BIO 101, AVS 331 or permission of instructor."

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

b. Department of Nutrition and Food Sciences

- 1) CHANGE: Title, description and prerequisite for NFS 431 to read as follows:

NFS 431 Chemistry of Food and Nutraceuticals (3)

Chemical and functional properties of major food components, changes in nutritional properties during processing and storage, and nutraceuticals and functional foods. (Lec. 3) Pre: CHM 124 and 227 or permission of instructor."

- 2) CHANGE: Prerequisite for NFS 444 to "Pre: 441 , 443 or enrollment in Pharm.D program."

4. College of Human Science and Services

Department of Human Development and Family Studies

CHANGE: Prerequisite for HDF 418 to "Pre: completion of 24 or more credits."

B. Curricular Matters Which require confirmation by the Faculty Senate

1. College of Business Administration

- a. CHANGE: Course codes, numbers, description, and or prerequisites for all courses in ACC, BAC, BSL, MKT to "BUS." Appendix is available on the web at http://www.uir.edu/facsen/440_CAC_CBA_Appendix.pdf

- b. DELETE: The following courses:

- a) ACC 493
- b) BSL 460
- c) FIN 491, 492, 493
- d) INS 491, 492, 493
- e) MGT 426, 437, 491, 492, 493
- f) MIS 435, 491, 492, 493
- g) MSI 455, 470, 480, 491, 492
- h) MKT 407, 434, 445

2. College of Engineering

ADD: MCE 433 Mechantronics (3)
Design of microprocessor-controlled electro-mechanical systems. Topics covered include: real-time programming, motion control elements, interfacing of sensors and actuators, basic electronics, and microprocessor architecture. Pre: 366 and ELE 220 or permission of instructor.

3. College of Environment and Life Sciences

Department of Geosciences

DELETE: The following courses:

- a) GEO 421 Geochemistry
- b) GEO 488 Geological Evolution of North America.