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Curricular Report No. 1994-95-4 from the Graduate Council to the Faculty Senate: Sections I and II, A-D

University of Rhode Island Faculty Senate

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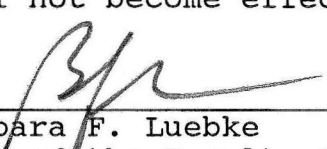
UNIVERSITY OF RHODE ISLAND
Kingston, Rhode Island
FACULTY SENATE
BILL
Adopted by the Faculty Senate

TO: President Robert L. Carothers

FROM: Chairperson of the Faculty Senate

1. The attached BILL, titled Curricular Report No. 1994-95-4 from the
Graduate Council to the Faculty Senate: Sections I and II, A-D ,
is forwarded for your consideration.
2. The original and two copies for your use are included.
3. This BILL was adopted by vote of the Faculty Senate on February 23, 1995
(date)
4. After considering this bill, will you please indicate your approval
or disapproval. Return the original or forward it to the Board of
Governors, completing the appropriate endorsement below.
5. In accordance with Section 10, paragraph 4 of the Senate's By-Laws,
this bill will become effective March 16, 1995 ,
three weeks after Senate approval, unless: (1) specific dates for
implementation are written into the bill; (2) you return it disapproved;
(3) you forward it to the Board of Governors for their approval; or (4)
the University Faculty petitions for a referendum. If the bill is
forwarded to the Board of Governors, it will not become effective until
approved by the Board.

February 24, 1995
(date)


Barbara F. Luebke
Chairperson of the Faculty Senate

ENDORSEMENT

TO: Chairperson of the Faculty Senate

FROM: President of the University

Returned.

- a. Approved ☒.
- b. Approved subject to final approval by Board of Governors _____.
- c. Disapproved _____.

3.2.95
(date)


President

UNIVERSITY OF RHODE ISLAND
The Graduate School
CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE
REPORT NO. 1994-95-4

At its Meeting No. 319 held on January 20, 1995, the Graduate Council considered and approved the following curricular matters which are now submitted to the Faculty Senate for information or confirmation as indicated.

I. Matters of Information

A. College of Resource Development

1. Department of Fisheries, Animal and Veterinary Science
 - a. Temporary Course

ASP 582X Pathobiological Effects of Chemical
Contamination on Fish

II,3

Effects of chemical contamination on fish. Emphasis on pathobiology as it applies to eggs, larvae, embryos, juvenile and adult fish. Contaminants include heavy metals, chlorinated hydrocarbons and organophosphates. Not for graduate credit: ASP 487X. (Lec 3) Pre: ASP 401 and one semester of organic chemistry. Wolke/Bodammer

B. College of Arts and Sciences

1. Departments of Zoology, Botany, Microbiology
 - a. Temporary Course

ZOO/BOT/MIC 510X Seminar in Cellular Communication in

Plants, Animals and Protists

II,3

Seminar on cellular interactions. Emphasis on basic principles, specializations, and similarities among protists, plants, and animals. Signalling substances, membrane and intracellular mechanisms will be discussed. Original articles and reviews will be assigned. Not for graduate credit: ZOO/BOT/MIC 410X. (Lec/Sem) Pre: Two courses in the following areas, one of which must be at least at the 200 level: zoology, botany, microbiology. A course in one of the following areas is recommended: endocrinology, neurobiology, microbiology, cell biology, or plant physiology. Kass-Simon/Roberts/Hufnagel

II. Matters Requiring Confirmation by the Faculty Senate.

A. College of Resource Development

1. Department Plant Sciences
 - a. Incorporation of M.S. graduate study in Plant Pathology into the M.S. in Plant Science;
Consolidation of existing Ph.D.'s in Plant Pathology and Plant Science (Biological Sciences) into a single Ph.D. in Plant Science (Biological Sciences to read as follows:

Plant Science**M.S., Ph.D. (Biological Sciences)****Specializations**

Plant Ecology and Physiology: underlying the management of designed landscapes emphasizing turfgrasses, woody ornamentals and agricultural crops. Research involves plant-soil nutrient relations, plant propagation including cell and tissue culture, stress physiology, ecology of crop production, floriculture, and landscape ecology.

Plant Molecular Biology and Genetics: disease and stress tolerance genetics of ornamental plants, agronomic improvement of turfgrasses, physiology of gene action, and plant biotechnology.

Plant Pathology (Symbiology): disease resistance mechanisms, fine structure of pathogen-host interactions, epidemiology of diseases and mycorrhizal associations involving turfgrasses and woody ornamental plants.

Master of Science

Admission requirements: GRE; B.A. or B.S. degree with courses in agronomy, botany, chemistry, genetics, horticulture, mathematics, physics, plant pathology, and soils passed with grades of A or B. Significant deficiencies in these areas must be corrected without graduate program credit. An area of study corresponding to a field of program emphasis must be identified. Applicants are encouraged to contact a faculty member in their area of interest who may be willing to serve as their major professor. Initial contact may be made with the chairperson or graduate director of the Plant Sciences Department.

Program requirements: thesis option - a thesis based on independent experimental research and 24 credits of course work, including PLS 501 and 502. Nonthesis option (with consent of the Department at time of admission) - 36 credits of course work with a minimum of 14 credits in Plant Science or Entomology including PLS 501 and 502. Three credits in experimental statistics and a written project involving significant independent work (PLS 591 or 592) are also required. A written comprehensive examination administered by the student's major professor and two additional members of the faculty (at least one of which must be from the Plant Sciences Department) is required after most courses have been taken.

Doctor of Philosophy (Biological Sciences)

Admission requirements: GRE and, preferably, a master's degree in botany, genetics, plant pathology, or a plant sciences discipline (agronomy, horticulture, soils) and an undergraduate major in biological, agricultural or physical sciences. Applicants admitted without an M.S. must pass a qualifying examination after earning 18-24 credits.

Program requirements: course work as determined by student's program committee, including PLS 501 and 502; comprehensive examinations; and defense of a dissertation.

B. College of Pharmacy

1. Addition of a new track--Pharmacoepidemiology and Pharmacoeconomics--under the Pharmaceutics specialization in the Doctor of Philosophy in Pharmaceutical Sciences

Course work leading to the Ph.D. degree consists of a core program of courses, as well as study in a major field. The equivalent of at least 72 credits beyond the baccalaureate degree, of which a minimum of 42 credits is obtained at the University of Rhode Island, is required. It is anticipated that a student may enter into the Master of Science program in Pharmacy Administration and be accepted into the Ph.D. program at a later date, based upon successful completion of required course work. The dissertation is understood to require at least the equivalent of two semesters of full-time work.

Requirements: 27 credits of core courses: PHP 550X, PHP 651, PHP 652, PHP 540, EST 412, PHP 640X, PHP 621, 622; PSY 533 or STA 541; PHP 680; a total of 9 credits of concentration course work are required. Suggested concentrations include pharmaceutical delivery quality improvement, pharmacoepidemiology, epidemiology, statistical analysis, nursing research, medical effectiveness and health care administration. Tutorials may be arranged in areas of special interest to the student; students are expected to attend and participate in departmental seminar (PHP 621, 622) during their entire tenure in the Ph.D. program for a maximum of three credits assigned to the core credit requirement; 24 credits of thesis research; 12 credits of electives; qualifying examination, oral and written comprehensive examination, dissertation and dissertation defense.

C. College of Arts and Sciences

1. Department of Marine Affairs
 - a. Add (New)

MAF 565 Cruise Ship Operations, Marketing and Ports I,3
This course explores the many facets of the cruise ship industry from the social science, management science, policy science point of view. It is designed to familiarize the student, utilizing an interdisciplinary approach, with the genesis, current status, and future roles of this dynamic industry. (Sem) Pre: Graduate standing, or seniors with permission of instructor. Marti

2. Department of Political Science
 - a. Add (New)

PSC 584: Seminar in Advanced Comparative Theory I or II,3
A critical treatment of the major methodological approaches used in comparative politics beginning with an analysis of core theoretical concepts. (Sem) Pre: Graduate standing/undergraduates only with permission of instructor. Petro

- b. Change in program requirements for the M.A. in Political Science

Replace "PSC 580" with "PSC 580 or PSC 584."

- c. Transfer Credit Policy for the MPA joint program

Students in the RIMPA program taking elective courses at the participating institutions will be governed by the same regulations as if the courses were taken at URI. Under this rule, grades (including failures) for all graduate courses taken at a participating institution will become part of the student's record and will be included in the grade point average. (The course(s) will have to be "transferred" to the URI transcript in the same manner as transfer courses.)

D. College of Business Administration

1. MBA Program

- a. Change in MBA Program Requirements to:

Delete the following statement: "If QBA 520 or 530 is waived, the student must take an elective in place of the waived course." (The requirement that some of the entry level courses require elective replacement and others do not is inconsistent. The requirement that every student must take a minimum of 36 credits remains unchanged.)

2. Department of Management Science and Information Systems

- a. Acronym Changes

BAC to replace QBA;

MSI to replace OMT, MGS, and MIS

- b. Change in Bulletin description to read:

Management Science and Information Systems (Coordinator: Professor Maling Ebahimpour) Students select courses that study information as an economic resource that can be managed, as can the more traditional resources such as labor, land and capital. The department encompasses all aspects of managing information as a vital resource. This includes the technologies, mechanisms, methodologies, concepts and issues involved in the effective acquisition, manipulation, analysis, evaluation, and presentation of information. Requirements: three MSI electives.

- c. Changes in acronym, desc, title, pre to read:

BAC 500 (QBA) Computing for Management I and II, 2
Computer concepts and programming using spreadsheet, database, presentation, communication, and other software packages. Emphasis on PC computing as an administrative and analytic tool for applications in management. (Lec 2) Graduate credit for non-MBA students only if MSI 600 is completed. Staff

BAC 520(QBA) Mathematical Methods for Management

BAC 530(QBA) Statistical Methods for Management I and II,3
Introductory statistical methods applied to business problems.
Topics include descriptive statistics, probability, distributions,
inference, regression analysis, chi-square analysis, and
introduction to time series. (Lec 3) Graduate credit for
matriculated MBA and MS in Accounting students only. Pre: 520 or
permission of instructor. Staff

MSI 600 (MIS) Managing with Information Resources I and II,2
Concepts of information technologies and systems as they relate to
the information-age organization. Major focus is on how the various
information resources can be managed to facilitate organizational
effectiveness. Topics include information and communication
technologies, decision support and information systems,
technology-enabled process reengineering, and information
architecture. (Lec 2) Pre: BAC 500 or permission of instructor.
Staff

MSI 601(MGS) Business Research Methods: Linear Models I,3
Theory and application of regression and correlation analysis, of
variance, and experimental design. (Lec 3) Pre: BAC 500, 520, 530
or permission of instructor. Staff

MSI 602(MGS) Business Research Methods: Multivariate Analysis
II,3
Introduction to multivariate analysis with emphasis on business
applications. Topics include factor analysis, cluster analysis,
discriminate functions, and multivariate analysis of variance. (Lec
3) Pre: 601 or permission of instructor. Staff

MSI 605(MIS) Business Microcomputer Applications -pre changed to BAC
500.

MSI 620(MGS) Quantitative Methods for Management. Change QBA to BAC
in prerequisites.

MSI 630(MGS) Management Statistics with SAS and Personal Computer
Software.

MSI 640(OMT) Operations Management. Title changed; pre changed to
BAC 500, 520, 530.

MSI 664(MIS) Health Information Systems Change QBA to BAC in
prerequisites. Change instructors to Staff.

MSI 675(MGS) Applied Time Series Methods and Business Forecasting
-Change prerequisite to just MSI 601.

MSI 684(MGS) Advanced Mathematical Programming Methods in Management
-replace pre with MSI 620 or permission of instructor.

MSI 691,692(MGS) Directed Study in Management Science and Information Systems

MSI 693,694 (MGS) Internship in Management Science and Information Systems

MSI 696(MGS) Seminar in Management Science and Information Systems.

MSI 697(MGS) Doctoral Research Seminar

MSI 699 Doctoral Dissertation Research I and II
Number of credits is determined each semester in consultation with the major professor or program committee. (Independent study) Pre: enrollment in Phase III of the Ph.D. program in business administration. S/U credit.

d. Deletions

MGS 671 Methods of Business Research

MGS 674 Business Research Mthds: Applied Multivariate Mthd

MGS 676 Applied Econometric Mthds in Business

MGS 683 Business Decision Theory

OMT 650 Mgt of Computer Integrated Mfg Sys

OMT 681 Operations Mgt in Service Organizations