

UNIVERSITY OF RHODE ISLAND FACULTY SENATE
November 16, 2017

Faculty Senate Curricular Affairs Committee
Five Hundred and Forty-third Report

At the October 23, 2017 meeting of the Curricular Affairs Committee and by electronic communication, the following matters were considered and are now presented to the Faculty Senate.

SECTION I
Informational Matters

ONLINE SECTIONS:

COM / SUS 460, Environmental Communication: Local & Global
(3 crs.) Cross-listed as (COM) SUS 460. Address local and global environmental issues through communication. Target key audiences and move them towards sustainable change and active involvement, improved environmental conditions and quality of life. (Lec. 1, Seminar 2/Online) Not for graduate credit. Pre: junior standing. (C1) (B4)

SECTION II
Curricular Matters Which Require Confirmation by the
Faculty Senate

NEW COURSES

COLLEGE OF ARTS AND SCIENCES:

ECN 358, Globalization and National Economies

(3 crs.) Study of the economies of different countries and regions in the context of globalization and reactions to it. (Online) Pre: ECN 201, ECN 202, and PSC 116.

FLM / COM 417, Media Industry History & Practice

(4 crs.) Examines the industrial parameters of current and past media industries. The key economic and commercial factors and how these have influenced the shape of the current industry are highlighted. (Lec. 4) Pre: junior standing or permission of instructor. Not for graduate credit.

COLLEGE OF ENGINEERING:

EGR 201, Seminar in Naval Science and Technology

(1 cr.) Invited outside speakers, faculty and students present and discuss selected topics related to naval science and technology (Seminar). May be repeated, maximum 3 credits.

COLLEGE OF PHARMACY:

BPS 446, Biotechnology, Biologics and Biosimilars

(3 crs.) Provides basic knowledge on medical biologics. Covers a full spectrum of topics from general concepts, biologics production, manufacture, safety evaluation, regulatory affairs, pharmacodynamics and pharmacokinetics to therapeutic applications. (Lec. 3) Pre: BIO 101 and CMB 311. Not for graduate credit.

BPS 345, Introduction to Pharmaceutical Research

(3 crs.) Provide students with the basic skills necessary for entering the research laboratory environment and provide education for laboratory safety, compliance, ethical issues, and experimental design/analysis. (Lec. 3) Pre: BPS major and sophomore standing.

COURSES CHANGES

COLLEGE OF ARTS AND SCIENCES:

Change Prerequisite:

COM 381, Research Methods in Communication

(3 crs.) Basic concepts and techniques of communication research. Emphasis on analysis of existing communication research and on application of research processes to communication problems or phenomena. (Lec. 3/Online) Pre: junior standing in a degree-granting college or permission of instructor.

COM 383, Rhetorical Theory

(3 crs.) Surveys and analyzes rhetorical communication theories and theorists from classical to contemporary times and focuses on rhetoric's relationship with philosophy, knowledge, reason, science, technology, and culture. (Lec. 3/Online) Pre: junior standing in a degree-granting college or permission of instructor.

COM 440, Telecommunications Processes and Audience Behavior

(3 crs.) Surveys theories and research concerning role of electronic mass media in contemporary society. Focuses on interplay between mass media content and audience behavior; provides framework for analyzing current telecommunications issues. (Lec. 3/Online) Pre: junior standing in a degree-granting college or permission of instructor. Not for graduate

COM 450, Organizational Communication Theory

(3 crs.) Surveys theory and practice of communication in organizations. Examines interface of organizational, management, and communication theories. Explores human interaction, flows and formats in organizations; stresses student analysis of organizational communication. (Lec. 3) Pre: junior standing in a degree-granting college or permission of instructor.

Changing course number, credits, and description:

COM 477, Internship in Communication Studies

(1-6 crs.) Provides the student with direct supervised participation in a variety of communication situations and occupations. May be repeated; maximum of 6 credits allowed toward graduation. (Practicum) Pre: 18 credits in communication studies and junior standing in a degree-granting college and permission of instructor. Not for graduate credit. S/U only.

Change course number:

PRS 477, Public Relations Internship

(3 or 6 crs.) Supervised experience in public relations. Requires a minimum of 120 hours (3 credits) or 240 hours (6 credits). Weekly class meeting. May be repeated; maximum of 6 credits allowed toward graduation. Pre: public relations majors only; PRS 340. Permission of instructor and application required. Not for graduate credit.

COLLEGE OF ENGINEERING:

Change title:

ELE 301, Digital Design with FPGAs

(3 crs.) Digital design, simulation, synthesis and verification using electronic design automation tools. IEEE VHDL hardware description language and rapid prototyping with FPGAs. Register transfer level design with reusable modules and cores. (Lec. 3) Pre: (ELE 201 and 202 and 212 and 215 and (credit or concurrent enrollment in 302)) or permission of instructor.

ELE 302, Digital Design with FPGAs Laboratory

(1 cr.) Laboratory exercises related to topics in ELE 301. (Lab. 1) Pre: credit or concurrent enrollment in ELE 301.

PROGRAM PROPOSALS

COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES:

BS in Geology and Geological Oceanography: (see Appendix A)

To transfer from University College to the College of the Environment and Life Sciences as a Geology & Geological Oceanography major (or be coded as such in the College of the Environment and Life Sciences), a student must have earned at least a 2.0 grade point average in a minimum of 30 total credits, as well as a minimum of a B- in GEO 103; a minimum of a C in CHM 101, and a minimum of a C+ in Pre-calculus (MTH 103 or MTH 111) or a C in Calculus (MTH 131 or MTH 141).

COLLEGE OF ENGINEERING:

BS in Biomedical Engineering: (see Appendix B)

Updating of the BME curriculum to reflect changes in supporting courses from the Biology department, BIO 121 (4) replaced by BIO 220 (3), BIO 221 (1) and BIO 242 (3) and 244 (1) replaced by BIO 222 (3) and 223 (1).

BS in Mechanical Engineering: (see Appendix C)

The Mechanical Engineering program currently has a requirement that all students enroll in ISE 220 during the Sophomore Year. With this change, ISE 220 will no longer be a requirement for the Mechanical Engineering BS degree.

As a result of these changes, the total number of credits required for graduation will drop from 121 to 120.