

ATTACHMENT 2.

REPORT: COMMITTEE ON CURRICULA AND COURSES

(For consideration by the Faculty Senate at its meeting on March 7, 1979)

[The Committee requests that any department which has a proposal being recommended by the Committee on Curricula and Courses provide a spokesman to attend the Faculty Senate meeting in which said proposal is to be recommended.]

The Committee recommends approval of the following changes in courses:

I. COLLEGE OF CRIMINAL JUSTICE - *Approved*

Change in prerequisites

FROM: CRJU 494 INTERNSHIP. (3) A supervised experiential course in a criminal justice agency.

TO: CRJU 494 INTERNSHIP. (3) (Prereq: consent of instructor) A supervised experiential course in a criminal justice agency.

II. COLLEGE OF EDUCATION - *Approved*

New course

EDEC 610 FAMILY LIFE EDUCATION: A DEVELOPMENTAL PERSPECTIVE. (3) Principles, practices, and content of family life curriculum as related to young children's learning.

III. COLLEGE OF ENGINEERING - *Approved*

New courses

ENGR 500 INTRODUCTORY BIOMECHANICS. (3) (Prereq: ENGR 229 and 306) Applications of engineering mechanics to selected medical problems involving motion, deformation, material properties, fluid flow, and modeling.

ENGR 509 CHEMICAL ENGINEERING FLUID MECHANICS. (3) (Prereq: ENGR 306) Includes single and multi-phase pressure drop in process equipment, phase contacting, Darcy's Law, flow through porous media, fluidization, and introductions to rheology, mixing, and turbulence.

ENGR 551 ELEMENTS OF WATER AND WASTEWATER TREATMENT SYSTEMS. (3) (Prereq: ENGR 317, 318) An introduction to the unit operations and processes employed in the physical, chemical, and biological treatment of water and wastewater. Application of unit operations and processes in design of water and wastewater treatment plants.

ENGR 552 SANITARY ENGINEERING LABORATORY. (3) (Prereq: ENGR 317, Coreq: ENGR 551) Physical, chemical, and biological analysis of water and wastewater. One lecture period and six laboratory hours per week.

ENGR 572 ELECTRONIC ANALOG SYSTEMS. (3) (Prereq: ENGR 371 or consent of instructor) Techniques in processing analog signals to include: characteristics of operational amplifiers, linear and non-linear circuit application of operational amplifiers, active filters, multiplexers, sample-hold devices, A/D and D/A converters, and waveform generators.

Change in hours

FROM: ENGR 592 ENGINEERING OPTICS. (4)

TO: ENGR 592 ENGINEERING OPTICS. (3)

IV. COLLEGE OF HUMANITIES AND SOCIAL SCIENCES - *Approved as amended*

A. Geography Department

Change in description

FROM: GEOG 531 QUANTITATIVE METHODS IN GEOGRAPHIC RESEARCH. (3) A survey of relevant quantitative approaches to the handling and interpretation of geographically related data. Both univariate and multivariate procedures applicable to a variety of problems will be presented. For each topic the students will analyze data relating to their individual interest and prepare brief summaries of their interpretations.

TO: GEOG 531 QUANTITATIVE METHODS IN GEOGRAPHIC RESEARCH. (3) A survey of basic quantitative approaches for handling and interpreting geographically related data; univariate and bivariate procedures applicable to a variety of problems.

New courses

GEOG 551 PRINCIPLES OF REMOTE SENSING. (3) Introduction to remote sensing. A variety of imaging systems including black and white, color, and high altitude color infrared photographs, LANDSAT, thermal infrared and active microwave. Use of remote sensing for studying the extraterrestrial environment and earth weather systems.

GEOG 552 DIGITAL TECHNIQUES OF REMOTE SENSING. (3) (Prereq: GEOG 551 and course in computer programming or consent of instructor) Processing and application of remote sensing information in digital form; its application to agricultural, urban, and environmental problems.

Change in number, title and description - course submitted for Senate consideration without committee's recommendation

removed from agenda

FROM: GEOG 428 GEOGRAPHY OF SUB-SAHARAN AFRICA. (3) A regional approach to the physical, social, economic, and political aspects of sub-Saharan Africa with emphasis on contemporary problems of the newly independent African states.

TO: GEOG 528 MINORITIES IN AFRICA: CASE STUDIES OF CONFLICT IRRESOLUTION. (3) Geopolitical investigations of changing African society with emphasis upon whites in southern Africa, Asians in West Africa, and blacks in the Horn of Africa.

B. Department of Media Arts

New courses

MART 521 BASIC SCRIPTING. (3) Elements of style and construction. Professional script formats and dialogue for visual and aural media. Emphasis on film and dramatic styles.

MART 557 ANIMATION. (3) Fundamental elements of cel, flipbook, pixillation, model and other forms of animation. Elements of movement are studied in order to produce effects and movement by inanimate objects. Limited to Super-8 format.

MART 562 PHOTOGRAPHY FOR NON-PRINT MEDIA FORMATS. (3) (Prereq: ARTS 261 and MUSC 564 or equivalent experience) Photographic applications in various media forms, slide/tape production, and special processes; titling and other specialized subjects.

MART 663 MULTI-MEDIA PRODUCTION. (3) Presentations and application of multi-media programmers and the integration of media forms.

V. COLLEGE OF JOURNALISM - *Approved*

Change in prerequisites

FROM: JOUR 458L CREATIVE STRATEGY IN ADVERTISING LABORATORY. [=BADM 458L] (Coreq: JOUR 458)

TO: JOUR 458L CREATIVE STRATEGY IN ADVERTISING LABORATORY. [=BADM 458L] (Prereq: Typing proficiency or consent of instructor; coreq: JOUR 458)

FROM: JOUR 465 MEDIA ANALYSIS. (2) (Prereq: JOUR 301; Coreq: JOUR 465L)

TO: JOUR 465 MEDIA ANALYSIS (2) (Coreq: JOUR 465L)

FROM: JOUR 531 ADVANCED PUBLIC RELATIONS. (3) (Prereq: JOUR 328 or consent of instructor)

TO: JOUR 531 ADVANCED PUBLIC RELATIONS. (3) (Prereq: JOUR 328, JOUR 458, JOUR 465 or consent of instructor)

FROM: JOUR 545 ADVERTISING CAMPAIGNS. (2) (Coreq: JOUR 545L)

TO: JOUR 545 ADVERTISING CAMPAIGNS. (2) (Prereq: JOUR 328, JOUR 458, JOUR 465 or consent of instructor; coreq: JOUR 545L)

Change in curriculum (Catalog page U155, under 3. Required Division Courses)

Present Wording

Proposed Wording

Advertising: JOUR 328, 458, 465, 545, plus twelve additional hours of journalism courses. . . . 24

Advertising: JOUR 328, 458, 465, 545, plus twelve additional hours of journalism courses 24

Public Relations: JOUR 328, 458, 465, 531, plus twelve additional hours of journalism courses 24

Public Relations: JOUR 328, 336, 458, 465, 531, plus nine additional hours of journalism courses 24

Broadcasting: JOUR 325, 326, 341, 343; either 342 or 344, plus twelve additional hours of journalism courses 21

Broadcasting: JOUR 325, 326, 341, 343; either 342 or 344, plus twelve additional hours of journalism courses. 21

News-Editorial: JOUR 333, 335, plus nine additional hours of journalism courses; Newspaper: JOUR 536, 546, plus nine additional hours of journalism courses; Magazine: JOUR 540, 550, 564, plus six additional hours of journalism courses; Photo-journalism: JOUR 329 or 337, 538, 535, 537 or 539, plus three to five hours of journalism courses 21

News-Editorial: JOUR 333, 335, plus nine additional hours of journalism courses; Newspaper: JOUR 536, 546, plus nine additional hours of journalism courses; Magazine: JOUR 540, 550, 564, plus six additional hours of journalism courses; Photo-journalism: JOUR 329 or 337, 538, 535, 537 or 539, plus three to five hours of journalism courses. 21

Total hours required . . . 120-121

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VI. COLLEGE OF NURSING - *Approved*

New courses

NURS 398 SELECTED TOPICS. (3) (Prereq: consent of instructor) Topics of special interest in nursing. Individual topics to be announced in newspaper schedule by suffix and title.

NURS 399 INDEPENDENT STUDY. (1-6) (Prereq: consent of instructor) Number of credits to be contracted with instructor at the beginning of the course.

VII. COLLEGE OF PHARMACY

- Approved

Change in description

- FROM: PHAR 524 PHARMACY SEMINAR. (1) Topics in the current practice of Pharmacy.
- TO: PHAR 524 PHARMACY SEMINAR. (1) Topics in the current practice of Pharmacy. All pharmacy students enrolled in 3rd, 4th, and 5th year courses must enroll for seminar each semester. Pass-Fail grade only.

VIII. COLLEGE OF SCIENCE AND MATHEMATICS

- Approved

A. Department of Biology

Marine Science Program

Change in title

- FROM: MSCI 302 BIOLOGY OF MARINE ANIMALS. (3)
- TO: MSCI 302 BIOLOGY OF MARINE ORGANISMS. (3)
- FROM: MSCI 302L MARINE ANIMALS LABORATORY. (1)
- TO: MSCI 302L MARINE ORGANISMS LABORATORY. (1)

B. Department of Geology

Change in title, prerequisites and description

- FROM: GEOL 570 INTRODUCTION TO HYDROGEOLOGY. (3) (Prereq: elementary geology course equivalent) Hydrologic cycle occurrence and movement of ground water aquifer analysis, water well emplacement and construction, surface water and ground water hydrology. Water quality, pollution parameters, potability control and pollution abatement. Nature of water supplies, ground water exploration and utility and conservation of ground water.
- TO: GEOL 570 ENVIRONMENTAL HYDROGEOLOGY. (3) (Prereq: GEOL 101 and CHEM 111 or their equivalents) Environmental considerations of the hydrologic cycle, occurrence and movement of ground water, aquifer analysis and water well emplacement and construction. Water quality, pollution parameters and the geochemistry of selected natural systems. The effects of environmental problems, waste disposal and urban development upon the aqueous geochemical regime.

H The following proposal is for the information of the Senate only. According to the Faculty Manual, substantive matters shall be presented to the Senate and then voted on at the next meeting.

Lowered standards in the public schools have caused some high-school graduates to fall below the level acceptable for admission to some areas of university studies. These students, through no fault of their own, are forced to compete with better prepared students in college level courses.

Since it would be unfair to prevent potentially good minds from getting the education they deserve, the University of South Carolina has made available a number of remedial courses designed to raise the students to a level that enables them to pursue college study successfully.

Offering these courses is both necessary and commendable, but there are serious reservations whether graduation credit should be awarded for what is essentially high-school work. The Committee on Curricula and Courses recommends that:

All university courses numbered 100 and lower shall be considered to be remedial in nature. Such remedial courses shall be taken pass-fail, and the credit hours received upon successful completion shall not be counted toward a baccalaureate degree.

IX. LATE ADDITIONS TO AGENDA

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

- Approved

A. Department of Sociology

New course

SOCY 500 SOCIAL NETWORKS. (3) (Prereq: SOCY 300 or consent of instructor) Analysis of personal, social and organizational networks, their structural patterns, practical consequences and principles of formation and change.

COLLEGE OF GENERAL STUDIES

- Approved

Change in number

- FROM: GSTD 252 FASHIONS. (3)
- TO: GSTD 163 FASHIONS. (3)