

EAST CAROLINA UNIVERSITY CURRICULUM COMMITTEE

Minutes of January 24, 1991

Members present: Cain, Carlton, Coulter, Daugherty, Grossnickle,
Harris, Lapas, Richards, Shea, Topper, Wease,
Wilentz, Wittman

Corrections and additions to the Minutes of November 8, 1990:
Dr. Bays submitted a revised catalog copy for changes made in the Economics
curricula. On page 3 of the catalog copy, ECON 4030 should be deleted.

Corrections and additions to the Minutes of November 15, 1990:
It was noted that the course ASES 5000 was approved in principle; the course
was not presented.

In the catalog copy: BIOL 5370, the final statement should read "Same as
RONC 5370." Under ETHNIC STUDIES PROGRAM, 3, B. Delete ASLA 3000,
substitute INTL 3010. Statement should read: B. INTL 2003, 2004, 3010,
ENGL 3100,...Delete ASES 5000.

The minutes were approved as amended.

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Professors Knight, Ambrose, and Jolls requested the the prerequisite for
BIOL 4200, 4201 be changed by adding CHEM 1160, 1161 to the prerequisites.
Dr. Knight presented a proposal for BIOL 3661, Introduction to Marine
Biology. Wilentz moved acceptance of the proposal as amended; Harris
seconded. The motion passed.

Professors Campbell, Gartman, and Fong presented a proposal for JUST 4355,
Research Methods in Criminal Justice, thereby revising the BS major in
Criminal Justice. Richards moved acceptance of the proposal as amended;
Shea seconded. The motion passed.

Professor Schellenburger presented proposals for DSCI 3943, 3953, 4963,
Topics in Decision Sciences; DSCI 4963 will replace 4953, Topics in
Quantitative Methods; prerequisites for DSCI 4963 are different for those
for DSCI 4953. Shea moved acceptance as amended; Lapas seconded. The
motion passed.

Professor Griffith presented a proposal for ANTH 5030, Economic
Anthropology. It was noted that the course had been reviewed by the
Economics Department and approved by Arts and Sciences Curriculum Committee.
Wease moved acceptance of the proposal as amended; Richards seconded. The
motion passed.

Professors Lang, Ehlbeck, and Malmrose presented proposals for ART 2001,
2002, 2003, 2004, Printmaking Workshop I, II, III, IV, and for ART 4200,
Typography II, thereby changing the major for Communication arts; and a
change in the prerequisite for ART 5210. Richards moved acceptance of the
proposal as amended; Topper seconded. The motion passed.

The proposals for JOUR 2800 and 4000 werewithdrawn until the February 28
meeting.

Professor Coulter presented a proposal to revise the BS in Applied Physics,
revising Industrial Physics Option, adding Health Physics Option and
deleting Medical Physics Option; a change in prerequisite for PHYS 5450;
adding PHYS 5710, 5711, Topics in Health Physics I and Lab; PHYS 5720, 5721,
Topics in Health Physics II and Lab; RONC 5370, Biological Effects of
Radiation; and to bank PHYS 5716, 5717. It was recommended that

CSCI 2510 be added as an alternate to CSCI 2600 in the preengineering curriculum. Carlton moved acceptance of the proposal as amended; Richards seconded. The motion passed. The Committee commended the Physics Department for the excellence of the materials presented to the Committee.

Professor Grossnickle moved that MUSC 5456 be unbanked; Daugherty seconded. The motion passed.

Professor Grossnickle reminded the Committee members that meetings would be held on a regular basis on the second and fourth Thursday afternoons each month. He commented on the agenda item for the Faculty Senate regarding regular committee meeting times.

The meeting adjourned at 3:00.

Respectfully submitted,
Martha Lapas
Secretary

CURRICULUM COMMITTEE CATALOG COPY

January 24, 1991

Corrections to the Minutes of November 8, 1990:

Page 3, Delete ECON 4030

Corrections to the Minutes of November 15, 1990:

Page 4: under BIOL 5370. ...Same as RONC 5370.

Page 5, line 5: B. INTL 2003, 2004, 3010; ENGL 3100...

Page 5: ASES 5000, Delete entry. Course not yet approved.

Minutes of January 24, 1991

Biology:

Page 79, add:

BIOL 3661. Introduction to Marine Biology Laboratory (1)

Three hours of laboratory per week.

Corequisite: BIOL 3660.

Laboratory exercises designed to examine physical and chemical properties of ocean waters and representative marine organisms.

BIOL 4200, 4201. Population and Community Ecology (4,0)

Prerequisites: BIOL 2250, 2251; CHEM 1160, 1161; MATH 2121 and a statistics course.

Social Work:

Page 262, add:

BS DEGREE IN CRIMINAL JUSTICE

3. Required cognate courses: MATH 3228; or PSYCH 2101, 2102 or SOCI 3213, 3214 3 s.h.

4. Criminal justice and social work courses: JUST 1000, 2000, 3002, 3500, 3501, 4355, 4500, 4990; SOCW 2001, 4000, 4800..42 s.h.

Page 265, add:

JUST 4355. Research Methods in Criminal Justice (3)

Three lecture and one laboratory hours per week.

Prerequisite: Acceptance into the Criminal Justice major is preferred; MATH 3228 or PSYC 2101 or SOCI 3213/3214.

Examination and discussion of research design, conceptualization, hypothesis formulation, measurement, sampling techniques, data management, and research writing as they relate to the field of criminal justice.

Decision Sciences:

Page 198, add:

DSCI 3943, 3953. Topics in Decision Sciences (1,2)

Prerequisite: Permission of departmental chair.

DSCI 4963. Topics in Decision Sciences (3)

Prerequisites: Permission of departmental chair.

Intended primarily for Decision Sciences majors.

Page 198, delete DSCI 4953. Topics in Quantitative Methods.

Anthropology:

Page 153, add:

ANTH 5030. Economic Anthropology (3)

Prerequisite: ANTH 1000, or consent of instructor.

Economic Anthropology studies the production, distribution,

and consumption of goods and services from an anthropological perspective. Particular attention is paid to the ways in which society and culture influence economic behaviors in underdeveloped regions.

Art:

Page 187, add: PRINTMAKING

ART 2001. Printmaking Workshop I (1)

Two studio hours required per week.

Prerequisites: ART 1005, 1015, 1020, 1030, 1905 and 1906 or 1907.

Continued development of the student's artistic skills. The basic black and white techniques of the collagraphic process will be investigated.

ART 2002. Printmaking Workshop II (1)

Two studio hours required per week.

Prerequisites: ART 1005, 1015, 1020, 1030, 1905 and 1906 or 1907.

Continued development of the student's artistic skills. The basic stencil techniques of the silkscreen process will be investigated.

ART 2003. Printmaking Workshop III (1)

Two studio hours required per week.

Prerequisite: ART 3220.

Continued development of the student's artistic skills. The basic techniques of the photo-silkscreen process will be investigated.

ART 2004. Printmaking Workshop IV (1)

Two studio hours required per week.

Prerequisites: ART 1600 and 3220.

Continued development of the student's artistic skills. The basic techniques of the photo-intaglio process will be investigated.

Page 190, add: COMMUNICATION ARTS

ART 4200. Typography II (3)

Six lecture hours per week.

Prerequisite: ART 3200.

An extended study of typography as it relates to communication design. Emphasis is placed on informational and aesthetic concerns in the professional design forum. Two dimensional and three dimensional problems will be addressed.

Page 190, revise:

COMMUNICATION ARTS

Graphic design majors take ART 2200 and 27 s.h. including the following courses: ART 2210, 3200, 3210, 3220, 3230, 4200 or 4210, 5210.

ART 3200. Typography I (3) ...

ART 5210. Graphic Design III (3)

Prerequisite: 4200 or 4210. ...

Physics:

Page 61, revise Second Year

Fall: Math 2173; PHYS 1261, 2260; CSCI 2510 or 2600; plus...

Page 137, revise:

BS DEGREE IN APPLIED PHYSICS

Minimum degree requirement is 126 s.h. of credit as follows:

1. General education requirements (see Section 6, The General College: REQUIREMENTS FOR BACCALAUREATE DEGREE PROGRAMS) including MATH 1065 or equivalent; CHEM 1150, 1151, 1160, 1161 44 s.h.
2. Required PHYS courses: PHYS 1251, 1261, 2021, 2250, 2260, 2270; plus one of the following options:
Industrial physics option -- PHYS 3700, 3701, 3860, 3861, 4110, 4610, 5600, 5601; plus 15 s.h. of PHYS electives above 2999 approved by chairperson 42 s.h.
Health Physics Option -- PHYS 2600, 2601, 4416, 4417, 4610, 5710, 5711, 5720, 5721, 5450; plus 6 s.h. of PHYS elective above 2999 approved by chairperson 39 s.h.
3. Required cognate courses:
Industrial physics option -- MATH 1085, 2171, 2172, 2173, 4331; CSCI 2510, 2610; DESN 2034, 2035 29 s.h.
Health physics option -- BIOL 1100, 1101, 1200, 1201, 2130, 2131, 3300, 3301; CHEM 1163, 2250, 2251, 2650, 2651; EHLT 3003; MATH 2121, 2122; RONC 5370 39 s.h.
(Preengineering students should see Section 6, The General College: PREPROFESSIONAL AND TWO-YEAR CURRICULA: Two-Year Engineering Curriculum.)
4. General Electives to complete requirements for graduation.

Page 139, add:

PHYS 5710, 5711. Topics in Health Physics I (3,0)

Two lecture and three laboratory hours per week.

Prerequisites: PHYS 2260, 2270, 2600.

Detailed coverage of specific Health Physics topics. Hazards associated with radioactivity and electromagnetic spectrum will be reviewed with special emphasis on ionizing radiation. Topics will include nuclear power, medical radiation protection and low-level radioactive waste disposal. Field trips will be required.

PHYS 5720, 5721. Topics in Health Physics II (3,0)

Two lecture and three laboratory hours per week.

Prerequisites: PHYS 5710, 5711.

Detailed coverage of specific Health Physics topics. Hazards associated with radioactivity and electromagnetic spectrum will be reviewed with special emphasis on nonionizing radiation. Topics will include radiofrequency, microwave and laser safety. Field trips will be required.

Page ?

RONC 5370. Biological Effects of Radiation (2)

Prerequisites: BIOL 1050/1051 or 1100/1101; PHYS 2600/2601 or permission of instructor.

A survey of the biological effects resulting from the interactions of energy and matter. Same as BIOL 5370.