

3-26-1981

The One Hundred and Seventieth Report of the Curricular Affairs Committee-Revised

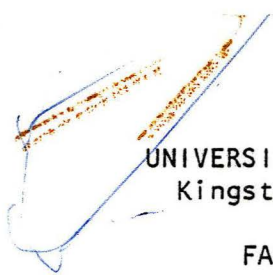
University of Rhode Island Faculty Senate

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UNIVERSITY OF RHODE ISLAND
Kingston, Rhode Island

FACULTY SENATE
BILL

Adopted by the Faculty Senate

TO: President Frank Newman

FROM: Chairperson of the Faculty Senate

1. The attached BILL, titled The One Hundred and Seventieth Report of the Curricular Affairs Committee-Revised

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 March 26, 1981 (date).

4. After considering this bill, will you please indicate your approval or disapproval. Return the original or forward it to the Board of Regents, completing the appropriate endorsement below.

5. In accordance with Section 8, paragraph 2 of the Senate's By-Laws, this bill will become effective on April 16, 1981 (date), 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 Regents for their approval; or (4) the University Faculty petitions for a referendum. If the bill is forwarded to the Board of Regents, it will not become effective until approved by the Board.

March 27, 1981
(date)

Alvin K. Swonger
Alvin K. Swonger
Chairperson of the Faculty Senate

ENDORSEMENT

TO: Chairperson of the Faculty Senate

FROM: President of the University

1. Returned.
2. a. Approved ✓.
- b. Approved subject to final approval by Board of Regents _____.
- c. Disapproved _____.

4/17/81
(date)

F. Newman
President

UNIVERSITY OF RHODE ISLAND
Kingston, Rhode Island

FACULTY SENATE

February 25, 1981

Faculty Senate Curricular Affairs Committee One Hundred and Seventieth Report - Revi

At its meeting of February 23, 1981, the Faculty Senate Curricular Affairs Committee considered the following matters now presented to the Faculty Senate for confirmation.

College of Resource Development

Reorganization of Curriculum leading to a Bachelor of Science Degree in Resource Development

SECTION I

Degree Requirements

All undergraduate students pursuing the Bachelor of Science in Resource Development, shall satisfactorily complete a minimum of 130 credits. Thirty-six of these credits shall be applied to the General Education requirements of the College and University, and 12 credits shall be used as free electives. The remaining 82 credits have been designated as "program" credits and shall be selected by the student and faculty advisor from the appropriate course lists approved by the program faculty.

Students will be admitted to the College in one of the following PROGRAMS:

- I. ANIMAL SCIENCE AND TECHNOLOGY
- II. AQUACULTURE AND FISHERY TECHNOLOGY
- III. FOOD SCIENCE AND NUTRITION
- IV. NATURAL RESOURCES
- V. PLANT SCIENCE AND TECHNOLOGY
- VI. URBAN AFFAIRS

Within each program area, a number of OPTIONS have been developed that represent more specific student interest or opportunity for greater specialization. At the time of transfer from University College, students may apply for admission in one of the OPTIONS within a particular PROGRAM. Acceptance will follow favorable review by the appropriate PROGRAM faculty.

Following are the specific OPTIONS which students may select:

- I. Animal Science and Technology
 - A. Animal Management
 - B. Animal Science
 - C. Equine
 - D. Laboratory Animals
 - E. Pre-Veterinary

C.A.C. #170--81-2-25

- II. Aquaculture and Fishery Technology
 - A. Fishery Technology
 - B. Pre-Aquaculture
- III. Food Science and Nutrition
 - A. Dietetics
 - B. Food Science and Technology
 - C. Nutritional Science
- IV. Natural Resources
 - A. Forest Science
 - B. Resource Economics
 - C. Soil Conservation
 - D. Soil Science
 - E. Wildlife Biology and Management
- V. Plant Science and Technology
 - A. Landscape Design
 - B. Ornamental Horticulture
 - C. Plant Protection
 - D. Turfgrass and Ground Management
- VI. Urban Affairs

GENERAL EDUCATION (36 credits)

The University faculty has established minimum General Education requirements in seven categories. The following credit minima are approved by the College faculty to apply to all baccalaureate students in Resource Development.

English Communications (C): 6 credits
Program requirements in writing and speaking apply.

Mathematics (M): 3 credits
Program requirement of mathematics applies.

Natural Sciences (N): 6 credits
Program requirements in natural sciences apply.

Social Sciences (S): 6 credits
See list of social sciences courses.

Fine Arts and Literature (A), Letters (L), Foreign Language/Culture Clusters (F): 15 credits

Students shall select 6 credits in two and 3 credits in the third category from the lists of Fine Arts and Literature, Letters, and Foreign Language and Culture courses.

d. following discussion, it was agreed that there needed to be an improvement in the academic advisement of foreign students and in the integration of foreign students into the university community. Vice Chairperson Swan reported that a subcommittee of the University College and General Education Committee had been established to investigate ways of helping students for whom English is a second language improve the English Communication skills they would need for work at the University. President Newman suggested that Dr. Crafts and Dr. Edwards be invited to work with the UCGE subcommittee.

7. Chairperson Swonger read a copy of a memorandum from Dean Marks to a member of the mathematics department regarding the use of the NR grade during the fall semester.
8. Chairperson Swonger read a memorandum from RIC President Sweet to CCRI President Liston in response to President Liston's memorandum to Commissioner Trendler. The memo stated that RIC was consistent with CCRI regarding the transfer of general education credits.
9. A tentative schedule of committee reports for Senate Meetings during the Spring, 1981 semester was distributed.

The meeting was adjourned at 12:50.

Respectfully submitted,

Sheila Black Grubman

UNIVERSITY OF RHODE ISLAND
Kingston, Rhode Island

FACULTY SENATE

REPORT OF THE EXECUTIVE COMMITTEE

March 3, 1981

The Faculty Senate Executive Committee recommends the approval of the following new actions of the University Manual on abolition of programs:

8.87.10 Abolition of Programs. When a recommendation for abolition of an existing program is initiated by an appropriate college or university committee or administrative official, the recommendation shall be reviewed by the appropriate college Dean, college curricular committee, and college faculty if the program is housed in a college; and in any case by the appropriate Faculty Senate Committee(s) (Curricular Affairs Committee, Graduate Council, and/or Research Policy and Facilities Committee), the Faculty Senate and the President. Review of the proposal for abolition by college or Senate committees below the level of the Faculty Senate shall result in a Statement of Opinion that shall be attached to the proposal as it proceeds through subsequent review steps, but shall not result in denial or approval of the recommendation, nor stop the proposal from proceeding to the Faculty Senate. The originator of the recommendation may, however, withdraw the proposal if convinced by review at any level that the recommendation should be withdrawn. Curricular committees and college faculties may choose to limit the scope of their review to academic concerns (impact on other programs, the impact of the reduction in programmatic choices for students, etc.) or may address budgetary and cost/effectiveness considerations as well. The originator shall present the recommendations to the Faculty Senate for its deliberation. Committees that have reviewed the proposal and have attached Statements of Opinion shall present the findings of their review to the Faculty Senate. Approval of the recommendation for abolition shall require the approval of the Faculty Senate and the President in the same manner as other legislative actions, as provided for in sections 10.2 to 10.6 of the Faculty Senate By-Laws.

8.87.11 Any program recommended for elimination shall be maintained as long as students in, or committed to, the program are still in place, but in no case shall this period of maintenance exceed the normal period of transit through the program by more than one year. Notification to students in the program or to students contemplating enrollment in the program shall be made at the time the President authorizes elimination of the program, but not sooner. For the purpose of providing adequate notice to prospective freshmen, elimination must be authorized prior to June 1 of the year previous to the final freshman class.

FREE ELECTIVES (12 credits)

The faculty of the College recognizes that the needs and interests of the student are not totally restricted to professional preparation, and has provided a block of 12 credits for them to use at their discretion.

PROGRAM REQUIREMENTS (82 credits)

All College Programs are made up of four categories of courses: Required Resource Development Courses, Basic Sciences, Concentration, and Supporting Electives. Each Program and Option states the minimum course and credit requirements that must be included in each category. A minimum of two-thirds of the Concentration credits are to be from the College of Resource Development.

The appended course lists for each Program and Option detail the specific courses that are required or are recommended by the program faculty for use in each category. Approval by the academic advisor for all program courses is a requirement.

SECTION II

Specific Programs and Options for the Bachelor of Science Degree in Resource Development:

ANIMAL SCIENCE AND TECHNOLOGY (82 CREDITS)

Students interested in preparing for careers or graduate programs in the diversity of applied disciplines in Animal Science, such as nutrition, physiology, genetics, pathology, or teacher certification, should matriculate in this program.

Students at the program level and not enrolled in an option shall meet the following course and credit requirements:

Required Resource Development Courses: 7 Credits
AVS 101(3), 102(1), ASP 352(3)

Basic Sciences: 19-22 credits
Required: BOT 111(4); ZOO 111(4); CHM 101,102(4) or 103,105(4);
CHM 112,114(4) or 124(4); MTH 109(3).

Nine of these credits apply to the NS and M requirements of General Education.

Additional: 9-12 credits selected from the approved list of additional basic sciences in the program. (Appendix A-1).

Concentration: 24 credits
To be selected from approved list of courses for the concentration. At least two-thirds of the credits are to be from the College of Resource Development. (Appendix A-1).

Supporting Electives: 29-32 Credits
To be selected from the approved lists of additional basic sciences, concentration and supporting electives in the program. (Appendix A-1).

OPTION: ANIMAL MANAGEMENT - 82 CREDITS

This option is primarily intended for the animal-oriented student who is seeking a broadly based program in the animal sciences. A variety of scientific disciplines are available for the student to study, combined with their practical application to animal management. Students in this option usually seek direct employment in animal agriculture or agri-industry related positions.

Students admitted in this option shall meet the following course and credit requirements:

Required Resource Development Courses: 7 Credits
AVS 101(3), 102(1), ASP 352(3)

Basic Sciences: 19-22 credits
Required: See Program requirements above.

Additional: 9-12 credits selected from the approved list of additional basic sciences in the option. (Appendix A-2).

Concentration: 24 Credits
AVS 323(3), 324(3) and 18 credits from the approved list of concentration courses approved in this option. At least two-thirds of the credits are to be from the College of Resource Development. (Appendix A-2).

Supporting Electives: 29-32 Credits
To be selected from the approved lists of additional basic sciences, concentration, and supporting electives in this option. (Appendix A-2).

OPTION: ANIMAL SCIENCE - (82 CREDITS)

This option encompasses the various scientific disciplines of animal science including animal nutrition, physiology, genetics and diseases. Students will normally elect to emphasize one or more of these areas. A strong preparatory background in the basic sciences is needed. Students in this option seek employment in technical areas and/or continue their studies in graduate programs.

Students admitted to this option shall meet the following course and credit requirements:

Required Resource Development Courses: 7 Credits
AVS 101(3), 102(1), ASP 352(3)

Basic Sciences: 21-25 Credits
Required: See Program requirements above.

Additional: 11-15 credits
CHM 124(4) or 226,227,228(8); MTH 141(3); MIC 201(4) or 211(4).

Concentration: 24 Credits
AVS 331(3) and 21 credits selected from the approved list of concentration courses in the option. At least two-thirds of the credits are to be from the College of Resource Development. (Appendix A-3).

Supporting Electives: 26-30 Credits
To be selected from the approved list of additional basic sciences, concentration, and supporting electives in the option. (Appendix A-3).

C. OPTION: EQUINE - (82 CREDITS)

This option is intended for students interested in equine-related careers. Both applied and scientific equine courses are included. Upon completion, students are qualified to seek employment in a variety of areas in the equine industry. Qualified students outside of the option who are interested in the equine as a hobby may elect equine-related courses.

Students admitted to this option shall meet the following course and credit requirements:

Required Resource Development Courses: 7 Credits
AVS 101(3), 102(1), ASP 352(3)

Basic Sciences: 19-22 Credits

Required: See Program requirements on page 4.

Additional: 9-12 credits selected from the approved list of additional basic sciences in the option. (Appendix A-4).

Concentration: 24 Credits

AVS 313(3), 356(3), 451(3), 331(3), ASP 332(3) and 9 credits from the approved list of concentration courses in the option. At least two-thirds of the credits are to be from the College of Resource Development. (Appendix A-4).

Supporting Electives: 29-32 Credits

AVS 252(2), 212(3) and the remaining credits to be selected from the approved list of additional basic sciences, concentration and supporting electives in the option. (Appendix A-4).

D. OPTION: LABORATORY ANIMALS - (82 CREDITS)

This option is designed to provide training to students interested in pursuing careers related to laboratory animals. Research techniques and procedures for animal care are emphasized along with the background scientific disciplines. Students with this training and animal experience would be employed in research and teaching facilities as animal technicians, animal technologists, supervisor of animal attendants and assistant research project leaders.

Students admitted to this option shall meet the following course and credit requirements:

Required Resource Development Courses: 10 Credits
AVS 101(3), 102(1), ASP 352(3), FSN 207(3)

Basic Sciences: 24-28 Credits

Required: See Program requirements above.

Additional: 14-18 Credits
CHM 124(4) or 226, 227, 228(8); MTH 141(3); MIC 201(4) or 211(4); EST 220(3) or 408.

Concentration: 24 Credits

AVS 461(3), 462(3), 331(3) and 15 credits selected from the approved list for the concentration in the option. At least two-thirds of the credits are to be from the College of Resource Development. (Appendix A-5).

Supporting Electives: 20-24 Credits

To be selected from the approved list of additional basic sciences, concentration, and supporting electives in the option. (Appendix A-5).

E. OPTION: PRE-VETERINARY - (82 CREDITS)

This option is structured to prepare students for admission to nearby institutions offering the D.V.M. degree. Because the requirements of veterinary schools are not totally uniform and are subject to change, students are responsible to check the specific requirements of the schools in which they are interested. Those failing to gain admission are well prepared to pursue graduate programs in animal physiology and health.

Students admitted to this option shall meet the following course and credit requirements:

Required Resource Development Courses: 7 Credits
AVS 101(3), 102(1), ASP 352(3)

Basic Sciences: 39 Credits

Required: See Program requirements on page 5.

Additional: 29 Credits
CHM 226, 227, 228(8); MTH 141(3); MTH 142(3) or EST 408(3); MIC 211(4); BCP 311(3); PHY 111, 112(8).

Concentration: 24 Credits

AVS 331(3) or ZOO 345(3), and 21 credits selected from the approved list for the concentration in the option. At least two-thirds of the credits are to be from the College of Resource Development. (Appendix A-6).

Supporting Electives: 13 Credits

To be selected from the approved list of additional basic sciences, concentration and supporting electives in the option. (Appendix A-6).

11.
AQUACULTURE AND FISHERY TECHNOLOGY - (82 CREDITS)

Students who seek to prepare for professional or technical positions in marine or fishery oriented occupations should matriculate in this program.

Students admitted in this program and not enrolled in an option shall meet the following course and credit requirements.

Required Resource Development Courses: 6 Credits
RDV 100 (3), REN 105 (3)

Basic Sciences: 17-22 Credits
Required: BOT 111 (4) or BIO 101 (3); ZOO 111 (4) or BIO 102 (3); CHM 101,102 (4) or 103,105 (4); CHM 112,114 (4) or 124 (4); MTH 109 (3).

Nine of these credits apply to the NS and M requirements in General Education.

Additional: 9-12 credits selected from the approved list of additional basic sciences in the program.

Concentration: 24 Credits
To be selected from the approved list of concentration courses in the program. At least two-thirds of the credits are to be from the College of Resource Development. (Appendix B-1).

Supporting Electives: 30-35 Credits:
Selection of courses from the approved lists of additional basic sciences, concentration and supporting electives in the program. (Appendix B-1).

A. OPTION: FISHERY TECHNOLOGY: 82 CREDITS
Students in this option can prepare for advanced degree programs in marine science, or for immediate employment in related government careers or commercial fishing.

Students admitted to this option shall complete the following course and credit requirements:

Required Resource Development Courses: 15 Credits
FMT 118 (3), FSN 237 (3), RDV 100 (3), REN 136 (3), REN 236 (3).

Basic Sciences: 38 Credits
Required: See Program requirements.
Additional: CHM 226, 227, 228 (8); MTH 141 (3), MTH 142 (3); EST 408 (3), PHY 109 (4) or PHY 111, 112 (8); ZOO/BOT 262 (3).

Concentration: 24 Credits:
To be selected from the approved lists of concentration courses in the option. At least two-thirds of the credits are to be from the College of Resource Development. (Appendix B-2).

Supporting Electives: 5 Credits
To be selected from the approved lists of additional basic sciences, concentration and supporting electives in the option. (Appendix B-2)

Required Non-Credit Courses:
FMT 013, 014, 020

OPTION: PRE-AQUACULTURE: 82 CREDITS

Students who plan to prepare for graduate programs leading to research careers in aquaculture or to specialize technical positions in the aquaculture industry should apply for acceptance in this option.

Students admitted to this option must complete the following course and credit requirements.

Required Resource Development Courses: 6 Credits
ASP 281 (3), ASP 352 (3).

Basic Sciences: 41-45 Credits
Required: See Program requirements above.
Additional: CHM 226, 227, 228 (8); EST 408 (3); MTH 141 (3), MTH 142 (3); MIC 211 (4); PHY 109 (4) or 111, 112 (8); ZOO 242 (3); ZOO/BOT 262 (3).

Concentration: 24 Credits
To be selected from the approved list of concentration courses in the option. At least two-thirds of the credits are to be from the College of Resource Development. (Appendix B-3).

Supporting Electives: 7-11 Credits
To be selected from the approved lists of additional basic sciences, concentration and supporting electives in the option. (Appendix B-3).

111.

FOOD SCIENCE AND NUTRITION - (82 CREDITS)

Student intending to prepare for careers in food processing; preservation and distribution, or in nutrition and dietetics should matriculate in this program.

Students admitted in this program and not enrolled in an option shall meet the following course and credit requirements:

Required Resource Development Courses: 6 Credits
FSN 207(3), 237(3)

Basic Sciences: 17-22 Credits

Required: BOT 111(4) or BIO 101(3); ZOO 111(4) or BIO 102(3);
CHM 101,102(4) or 103,105(4); CHM 112,114(4) or 124(4);
MTH 109(3).
Nine of the credits apply to the NS and M requirements of General Education.

Additional: 9-12 credits selected from the approved list of additional basic sciences in the program.

Concentration: 24 Credits

At least 24 credits in Food Science and Nutrition courses and allied disciplines from the concentration list approved by the program faculty. At least two-thirds of the credits are to be from the College of Resource Development. (Appendix D-1).

Supporting Electives: 30-33 Credits

Selections of courses from the approved lists of additional basic science, concentration and supporting electives in the program. (Appendix C-1)

A. OPTION: DIETETICS - (82 CREDITS)

Dietetics is the professional application of the science of human nutrition to help people select a nutritionally adequate diet throughout their life span. Careers in Dietetics include those which are related to food service systems and to nutritional care for individuals and groups.

College study in Dietetics at the University of Rhode Island is planned to the interests and needs of the individual student. The curriculum is based on the biological and social sciences with courses in chemistry, human physiology, biochemistry, psychology and communication skills, followed by courses in human nutrition and nutrition and disease. The Dietetics program meets the minimum academic requirements of the American Dietetic Association and includes courses in foodservice systems, personnel administration and adult education. Upon graduation the student is eligible to apply for a dietetic internship.

Students admitted to this option must complete the following course and credit requirements:

Required Resource Development Courses: 9 Credits
FSN 201(3), 207(3), 237(3)

Basic Sciences - 18-22 Credits

Required: See Program requirements on page 9.

Additional: BCP 311(3), MIC 201(4), or 211(4), ZOO 242(3).

Concentration: 27 Credits

FSN 331(3), 333(3), 334(3), 335(3), 441(3), 444(3), ADE 488(3),
EDC 312(3), MGT 300(3) or 303(3).

Supporting Electives: 27 Credits

To be selected from the approved lists of additional basic sciences and supporting electives in the option. (Appendix C-2).

OPTION: FOOD SCIENCE AND TECHNOLOGY - (82 CREDITS)

Food Science is the application of science and technology to the processing, preservation, and distribution of food. It is the key to converting raw food materials into a wide variety of preserved and processed foods. It faces the problems of processing existing food supplies, developing new food products in order to feed the rapidly increasing world population, and improving the nutritional level of diets throughout the world.

The University of Rhode Island is officially recognized by the Institute of Food Technologists as offering an option leading to the Bachelor of Science degree in Food Science and Technology in the College of Resource Development. The option is based on a thorough understanding of the basic biological and physical sciences, followed by required courses in nutrition, introductory food science, food chemistry, food analysis, food microbiology, and food processing.

Students admitted to this option shall complete the following course and credit requirements:

Required Resource Development Courses: 6 Credits
FSN 207(3), 237(3)

Basic Sciences: 27-29 Credits

Required: See Program requirements above.

Additional: CHM 226,227,228(8) or CHM 227, BCP 311(6);
MTH 141(3); MIC 201(4) or 211(4); PHY 109(4).

Concentration: 25 Credits

FSN 347(3), 421(4), 431(3), 432(3), 378 or 438(3), CHE 447(4), MIC 412(3)

Supporting Electives: 14-16 Credits

EST 408(3) is required and the remainder selected from FSN 331(3),
441(3), 444(3), 461(3), CHM 212(4). (Appendix C-3).

OPTION: NUTRITIONAL SCIENCE - (82 CREDITS)

Nutritional Science is the study of the action and interaction of food, nutrients and other substances in food in relation to health and disease. Although, it is concerned primarily with the body's requirements for nutrients, it is also related to the social, economic, cultural and psychological implications of food and eating.

C. OPTION: NUTRITIONAL SCIENCE - (82 CREDITS) CONTINUED

The option in Nutritional Science at the University of Rhode Island is planned to the interests and needs of the individual student. It may be designed to prepare the student for a graduate program in nutrition or a related area. This option is based on a thorough understanding of the biological sciences with courses in chemistry, biochemistry and physiology followed by courses in nutrition and nutrition and disease. It includes additional courses in physiology, laboratory sciences and food science.

Students admitted to this option must complete the following course and credit requirements:

Required Resource Development Courses: 9 Credits
FSN 201(3), 207(3), 237(3).

Basic Sciences: 18-21 Credits

Required: See Program requirements on page 10.

Additional: MIC 201(4) or 211(4); EST 220(3) or 408(3), ZOO 242(3).
ZOO 244(1) is highly recommended.

Concentration: 24 Credits

FSN 441(3), 444(3) and remaining credits to be selected from the approved list of concentration courses in this option. At least two-thirds of the credits are to be from the College of Resource Development. (Appendix C-4).

Supporting Electives: 28-31 Credits

To be selected from the approved lists for additional basic sciences, concentration and supporting electives in this option. (Appendix C-4).

IV.

NATURAL RESOURCES - (82 CREDITS)

Students with an interest in the management and wise use of our natural resources should matriculate in this program. Those students wishing to specialize in one of the accompanying options should apply to the program faculty. Those wanting broadly based programs or who wish to prepare for specialized fields not covered by the available options, or who desire teacher certification, should remain at the program level.

Students admitted in the program and not enrolled in an option shall complete the following course and credit requirements:

Required Resource Development Courses: 10 Credits
SLS 212(3), 213(1), RDV 100(3), REN 105(3)

Basic Sciences: 19-22 Credits

Required: BOT 111(4), or BIO 101(3), ZOO 111(4), or BIO 102(3);
CRM 101,102(4) or 103,105(4); CRM 112,114(4) or 124(4);
MTH 109(3).

Nine of these credits apply to the NS and M requirements in General Education.

Additional: 9-12 credits selected from the approved list of additional basic sciences in this program. (Appendix D-1).

Concentration: 24 Credits

To be selected from courses numbered 300 and higher covering subject matter pertinent to the field of natural resources. Specific courses will reflect the needs of the individual students. At least two-thirds of the credits are to be from the College of Resource Development. (Appendix D-1).

Supporting Electives: 27-30 Credits

To be selected from the approved lists of additional basic sciences, concentration and supporting electives in the program or its options. (Appendix D-1).

A. OPTION: FOREST SCIENCE - (82 CREDITS)

This option is designed to prepare students for graduate study in forestry. Alone, this option does not qualify students for professional work in the forestry field, but it does provide a solid base for more specialized work at the graduate level. This option is also appropriate for students planning to transfer into undergraduate forestry programs at other institutions.

Student admitted in this option shall complete the following course and credit requirements:

Required Resource Development Courses: 10 Credits
SLS 212(3), 213(1), RDV 100(3), and REN 105(3).

Basic Sciences: 30-35 Credits

Required: See Program requirements above.

Additional: CHM 124(4) or 227(3); PHY 109(4) or 111,112(8);
ESC 104(3) or GEL 103,106(4), MTH 141(3), MTH 142(3)
or CSC 201(3); ZOO/BOT 262(3).

Concentration: 24 Credits

BOT 323(3), FOR 301(3), 302(3), 305(3) with the remaining 12 credits to be selected from the approved list of concentration courses in the option. At least two-thirds of the credits are to be from the College of Resource Development. (Appendix D-2).

Supporting Electives: 13-18 Credits

EST 408(3) or 220(3), CVE 315(3), PLS 468(4), and remainder from offerings in Plant Pathology and Entomology. The remainder shall be selected from the approved lists of additional basic sciences, concentration or supporting electives in the option. (Appendix D-2).

B. OPTION: RESOURCE ECONOMICS - (82 CREDITS)

This option is designed to introduce students to the concepts and techniques of economics as applied to problems of conserving and managing natural resources.

Students admitted in this option shall complete the following course and credit requirements:

Required Resource Development Courses: 10 Credits
RDV 100(3), REN 105(3), SLS 212(3), 213(1)

Basic Sciences: 15-17 Credits

Required: See Program requirements on page 13.

Additional: MTH 141(3), PHY 109(4)

Concentration: 24 Credits

ECN 328(3) with the remaining 21 credits selected from the approved list of concentration courses in the option. At least two-thirds of the credits are to be from the College of Resource Development. (Appendix D-3).

Supporting Electives: 32 Credits

To be selected from the approved lists of additional basic sciences, concentration or supporting electives in the option. (Appendix D-3).

C. OPTION: SOIL CONSERVATION - (82 CREDITS)

Soil conservation involves advising on, administering, coordinating, performing, or supervising scientific work in a coordinated program of soil, water, and resource conservation. This option is designed to provide students with a broad background in the agricultural sciences in order to prepare them for a career dealing with sound land use decisions and the improvement of the quality of the environment.

Students admitted in this option shall complete the following course and credit requirements:

Required Resource Development Courses: 8 Credits
PLS 204(3), 205(1), SLS(3), 213(1).

Basic Sciences: 31-38 Credits

Required: See Program requirements above.

Additional: CHM 124(4) or 227(3); GEL 103(3) or 105(3); GEL 106(1);
MTH 141(3); PHY 109(4) or 111,112(8); ZOO/BOT 262(3).

Concentration: 24 Credits

Twelve credits from among; SLS 411(3), 412(3), 450(3), 468(4), PLS 475(4), GEG 421(3), REM 451(3), and 12 credits of 300 plus level courses in CVE, FOR, GEG, GEL, SLS, PLS. At least two-thirds of the credits are to be from the College of Resource Development.

Supporting Electives: 18-25 Credits

To be selected from the approved lists of additional basic sciences, concentration or from the approved list or supporting electives in this option. (Appendix D-4).

D. OPTION: SOIL SCIENCE - (82 CREDITS)

Soil Science is concerned with the soil system as a natural body and deals with the physical, chemical, and biological properties of soils as well as their relationship with higher plants. This option is designed to provide students with a background in soils, basic sciences, and mathematics necessary for national certification as a Soil Scientist or graduate study.

Students admitted in this option shall complete the following course and credit requirements:

Required Resource Development Courses: 8 Credits

PLS 204(3), 205(1), SLS 212(3), 213(1).

Basic Sciences: 34-41 Credits

Required: See Program requirements on page 14.

Additional: CHM 124(4) or CHM 227(3); CHM 212(4); GEL 103,106(4); MIC 211(4); MTH 141(3); PHY 109(4) or 111,112(8).

Concentration: 24 Credits

Three courses from SLS 411(3), 412(3), 468(4), MIC 361(4), GEL 410(4), with the remaining credits to be selected from the approved list of concentration courses in the option. At least two-thirds of credits are to be from the College of Resource Development. (Appendix D-5).

Supporting Electives: 9-16 Credits

To be selected from the approved list of additional basic sciences, concentration or from the approved list of supporting electives in this option. (Appendix D-5).

E. OPTION: WILDLIFE BIOLOGY AND MANAGEMENT - (82 CREDITS)

This option prepares students to meet the course requirements for state and federal employment in the wildlife field and it assures that they will meet the Wildlife Society's minimum educational requirements for certification as a wildlife biologist. In addition, it gives students an excellent preparation for graduate study in wildlife biology and management.

Students admitted in this option shall complete the following course and credit requirements:

Required Resource Development Courses: 10 Credits

SLS 212(3), 213(1), RDV 100(3), REN 105(3)

Basic Sciences: 24-32 Credits

Required: See Program requirements on page 15.

Additional: CHM 124(4) or 227(3), ESC 104(3) or GEL 103,106(4); MTH 141(3); MTH 142(3) or CSC 201(3), PHY 109(4) or 111,112(8).

Concentration: 24 Credits

BOT 323(3), FOR 301(3), 305(3), 306(3), ZOO 345(3), ZOO 466(3).

One course from AVS 361(3), FOR 402(3), 491(3), 492(3).

One course from ASP 483(3), FOR 302(3), 401(3). At least two-thirds of the credits are to be from the College of Resource Development.

Supporting Electives: 18-26 Credits

Six credits from ZOO and 3 BOT (300 level or above).

EST 408(3) or 220(3), and remainder from approved list of supporting electives in the option. (Appendix D-6).

V.

PLANT SCIENCE AND TECHNOLOGY - (82 CREDITS)

This program provides a framework within which students can develop a strong background in the plant and related sciences. Students may prepare themselves for career interests in the more practical or technical aspects or develop a strong background in the basic and applied plant sciences to prepare them for graduate study. Those interested in forage crops and food crop management should remain at the program level. Students desiring a background in the plant sciences and teacher certification should enroll in this program.

Students admitted in this program and not enrolled in an option shall complete the following course and credit requirements:

Required Resource Development Courses: 14 Credits

PLS 204(3), 205(1), SLS 212(3), 213(1), PLP 200(3), ASP 352(3)

Basic Sciences: 19-22 Credits

Required: BOT 111(4); ZOO 111(4); CHM 101,102(4) or 103,105(4); CHM 112,114(4); MTH 109(3).
Nine of the credits apply to NS and M requirements in General Education.

Additional: BOT 245(3) and 6-9 credits selected from the approved list of additional basic sciences in the option. (Appendix E-1).

Concentration: 24 Credits

To be selected from the approved list of concentration courses in the program. At least two-thirds of the credits are to be from the College of Resource Development. (Appendix E-1).

Supporting Electives: 22-25 Credits

To be selected from the approved list of additional basic sciences, concentration or supporting electives in the program. (Appendix E-1).

A. OPTION: LANDSCAPE DESIGN - (82 CREDITS)

This option is designed to prepare individuals to enter the marketplace with competitive professional level skills to work in the public or private sector as landscape managers, landscape designers, landscape designers/salesmen, or landscape designers, contractors. Selected individuals with high academic averages, can expect to qualify for admission into accredited graduate programs in landscape architecture or in related programs in city and regional planning.

Students admitted in this option shall complete the following course and credit requirements:

Required Resource Development Courses: 14 Credits

PLS 204(3), 205(1), 242(3), PLP 200(3), SLS 212(3), 213(1)

Basic Sciences: 10 Credits

Required: See Program requirements on page 17.

Additional: None

Concentration: 24 Credits

PLS 306(3), 331(3), 343(3), 353(3), 444(3), 446(3), 454(3), SLS 450(3).
At least two-thirds of the credits are to be from the College of Resource Development.

Supporting Electives: 34 Credits

ART 207(3), 208(3), 213(3), CPL 410(3), CVE 315(3) with the remainder to be selected from the approved list of supporting electives in the option. (Appendix E-2).

B. OPTION: ORNAMENTAL HORTICULTURE - (82 CREDITS)

This option is designed to prepare students for careers in Ornamental Horticulture and Floriculture. Students can also prepare for graduate study, teaching and cooperative extension work.

Students admitted in this option shall complete the following course and credit requirements:

Required Resource Development Courses: 17 Credits

PLS 204(3), 205(1), 242(3), SLS 212(3), 213(1), PLP 200(3), ASP 352(3)

Basic Sciences: 21-25 Credits

Required: See Program requirements above.

Additional: BOT 245(3), CHM 124(4), PHY 109(4) or 111,112(8).

Concentration: 24 Credits

To be selected from the approved list of concentration courses in this option. At least two-thirds of the credits are to be from the College of Resource Development. (Appendix E-3).

Supporting Electives: 16-20 Credits

To be selected from the approved lists of additional basic sciences, concentration and supporting electives in the option. (Appendix E-3).

C. OPTION: PLANT PROTECTION - (82 CREDITS)

This option allows students to develop a strong integrated background in basic and applied aspects of plant health, and includes studies of the biological agents which affect the ecological and economic well-being of plants. It may serve as a terminal degree or as preparation for graduate study in Plant Protection, Plant Pathology, Entomology, Weed Science or other Plant Science disciplines.

Students admitted in this option shall complete the following course credit requirements:

Required Resource Development Courses: 14 Credits
PLS 204(3), 205(1), SLS 212(3), 213(1), PLP 200(3), ASP 352(3)

Basic Sciences: 34 Credits
Required: See Program requirements on page 18.
Additional: BOT 245(3), 311(3), 323(3); CHM 226,227,228(8),
EST 408(3) or 220(3); MIC 211(4).

Concentration: 25 Credits
To be selected from the approved list of concentration courses in this option. At least two-thirds of the credits are to be from the College of Resource Development. (Appendix E-4).

Supporting Electives: 11 Credits
To be selected from the approved lists of additional basic sciences, concentration, or supporting electives in the option. (Appendix E-4).

D. OPTION: TURFGRASS AND GROUNDS MANAGEMENT - (82 CREDITS)

This option is designed to prepare students for professional level careers in the field. Graduates may be employed as Golf Superintendents, in Sod Production in Landscape Construction, as Cemetery Superintendents, as Park Superintendents, as Superintendents of Industrial, Public or Military Grounds or in sales within supporting industries.

Students admitted in this option shall complete the following course credit requirements:

Required Resource Development Courses: 11 Credits
PLS 204(3), 205(1), PLP 200(3), SLS 212(3), 213(1).

Basic Sciences: 17 Credits:
Required: See Program requirements above.
Additional: BOT 245(3), CHM 124(7).

Concentration: 24 Credits
PLP 332(3), 401(3), 442(3), PLS 341(3), 442(3), 461(3), 475(4), SLS 450(3). At least two-thirds of the credits are to be from the College of Resource Development.

Supporting Electives: 30 Credits
To be selected from the approved lists of additional basic sciences, concentration or supporting electives in this option. (Appendix E-5).

URBAN AFFAIRS - (82 CREDITS)

This program, Resource Development in the Urban Environment, is part of the interdisciplinary Urban Affairs program (see p. ___), and seeks to provide students with an understanding of how human and natural resources pertain to urban affairs. Training is oriented to provide students with problems related to natural resources in contemporary society.

Individual student programs are developed with advisement to meet both College and Urban Affairs program requirements and contain the flexibility needed to accommodate the varying interests of individual students.

Students will elect courses from the approved course lists to meet the stated minimum credit requirements for the following program components.

Required Resource Development Courses: 12 Credits
URB 210(3), and remaining credits selected from the approved course list for this program. (Appendix F).

Basic Sciences: 14-16 Credits
Required: BOT 111(4) or BIO 101(3); ZOO 111(4), or BIO 102(3), CHM 101,102(4) or 103,105(4); CHM 112,114(4) or 124(4) or PHY or NS(4).
Nine of these credits apply to NS and M requirements of General Education.

Additional: 6 credits selected from the approved list of additional basic science in this program. (Appendix F).

Concentration: 24 Credits
The option prescribes three groups of courses and minimum credits required in each group. Students have some flexibility within each group. To meet the University Urban Affairs program requirements, students shall include URB 498 or 499, and three of the following courses: CPL 410, PSC 460, GEG 411, ECN 402, SOC 434, and HIS 363. (Appendix F).

Supporting Electives: 31 Credits
The option has developed three groups of courses from which students are required to elect 6 to 12 credits from each. The remaining credits may be selected from the lists approved for the option. (Appendix F).

SECTION III

The Appendices referred to in this report are available for review in the Faculty Senate Office.

UNIVERSITY OF RHODE ISLAND
The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE - Report No. 1980-81-6

At its Meeting No. 20th, held February 13, 1981, the Graduate Council considered and approved the following curricular matters which are now submitted to the Faculty Senate for confirmation as indicated.

I. Matters Requiring Confirmation by the Faculty Senate.

A. College of Engineering

1. Department of Ocean Engineering
a. Add (New)

OCE 555, 556 Ocean Energy Systems I and II I,II,3
Theory and design of energy extraction from the oceans. Types of ocean power available; principles and systems of energy extraction; design and construction principles. Design project of a power device will be carried out in the second semester. (Lec 3)
Pre: MCE 345 and 354 or equivalent. Kowalski

B. College of Arts and Sciences

1. Department of Chemistry
a. Change

CHM 535 Chemical Applications of Group Theory - credits changed from 2 to 3.

2. Department of Geography and Marine Affairs
a. Change

GEG 452 Transportation Geography - changed to GEG 563

MAF 483 International Ocean Law - changed to MAF/PSC 577

b. Deletion

PSC 578 International Law and Politics of the Ocean

3. Department of History
a. Add (New)

HIS 544 Colloquium in Labor History II,3
Selected topics in American labor history with an emphasis on the most recent literature in the field.
(Sem 3) Pre: Graduate standing or permission of instructor. Findlay/Strom

4. Department of Sociology and Anthropology
a. Add (New)

SOC 532 Sociology of Work Organizations II,3
The social structure of industrial organizations; institutional patterns of conflict and cooperation; the impact of the political process; current issues in industry.
(Lec 3) Pre: Graduate standing or permission of the department. Gersuny

C. Graduate School of Oceanography

1. Add (New)

OCG 652 Marine Geophysics II,3
Survey of basic subdisciplines of marine geophysics including plate tectonics, gravity, magnetics, heat flow reflection and refraction seismology. Basic theory and methods of data collection and interpretation emphasized. (Lec 3) Pre: OCG 540 or permission of instructor. Detrick

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE - Report No. 1980-81-6

D. College of Resource Development

1. Department of Plant Pathology/Entomology
a. Add (New)

PLP 571 Plants, Insects and Pathogens II,3
A two-part investigation of insect-microbe associations concentrating upon the comparative pathobiology of microbial agents in the insect host and the transmission of plant disease organisms by the insect vectors. (Lec 3)
Pre: PLP/ZOO 381 and MIC 211, or permission of instructor. LeBrun

APPENDIX A-1

ANIMAL SCIENCE AND TECHNOLOGY - APPROVED PROGRAM COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>			<u>CONCENTRATION</u>			<u>SUPPORTING ELECTIVES</u>		
BCP 311	(3)		AVS 311	(3)		AVS 201	(3)	
BCP 411	(3)		ASP 332	(3)		AVS 212	(3)	
CHM 112,114	(4) or		ASP 342	(3)		AVS 252	(2)	
CHM 124	(4)		ASP 401	(3)		ASP 281	(3)	
CHM 226,227,228	(8)		AVS 313	(3)		AVS 491,492	(1-3)	
CSC 201	(3)		AVS 323	(3)		AVS 501,502	(1)	
CSC 381	(3)		AVS 324	(3)		ACC 305	(3)	
EST 220	(3) or		AVS 343	(3)		APG 412	(3)	
EST 408	(3)		AVS 356	(3)		BED 110	(3)	
FSN 431	(3)		AVS 361	(3)		BED 227	(3)	
MTH 141	(3)		AVS 372	(3)		BSL 333	(3)	
MTH 142	(3)		AVS 382	(3)		FSN 431	(3)	
MIC 201	(4) or		AVS 412	(3)		FSN 441	(3)	
MIC 211	(4)		AVS 415	(3)		MIC 432	(3)	
PHY 109	(4) or		AVS 432	(3)		MKT 323	(3)	
PHY 111,112	(8)		AVS 451	(3)		PLS 393	(3)	
ZOO/BOT 262	(3)		AVS 461	(3)		SLS 450	(3)	
			AVS 462	(3)		PCL 441	(4)	
			AVS 472	(3)		JOR 212	(3)	
			AVS 474	(4)		REN 330	(3)	
			ZOO 316	(4)		REN 341	(3)	
			ZOO 321	(4)		*EDC 102	(3)	
			ZOO 323	(2)		*EDC 312	(3)	
			ZOO 325	(2)		*PSY 113	(3)	
			ZOO 331	(3)		*RDE 486	(0-6)	
			ZOO 345	(3)		*RDE 444	(3)	
						*EDC 484	(9-12)	
						*REM Courses	(9)	
						*EDC 485	(3)	

* Required for teacher certification in Agri-business/Natural Resources

APPENDIX A-2

ANIMAL MANAGEMENT OPTION - APPROVED COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>			<u>CONCENTRATION</u>			<u>SUPPORTING ELECTIVES</u>		
BCP	311	(3)	AVS	323	(3) req.	AVS	201	(3)
BCP	411	(3)	AVS	324	(3) req.	AVS	212	(3)
CHM	112,114	(4) or	AVS	343	(3)	AVS	252	(2)
CHM	124	(4)	AVS	356	(3)	ASP	281	(3)
CHM	226,227,228	(8)	AVS	361	(3)	AVS	415	(3)
CSC	201	(3)	AVS	382	(3)	AVS	432	(3)
CSC	381	(3)	AVS	412	(3)	AVS	451	(3)
EST	220	(3)	AVS	461	(3)	AVS	491,492	(1-3)
EST	408	(3)	AVS	472	(3)	ASP	332	(3)
FSN	431	(3)	AVS	478	(3)	ACC	305	(3)
MTH	141	(3)	MGT	301	(3)	BED	110	(3)
MTH	142	(3)				BED	227	(3)
MIC	201	(4) or				BSL	333	(3)
MIC	211	(4)				MKT	323	(3)
PHY	109	(4) or				SLS	450	(3)
PHY	111,112	(8)				REN	330	(3)
ZOO/BOT	262	(3)				REN	341	(3)

APPENDIX A-3

ANIMAL SCIENCE OPTION - APPROVED COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>		<u>CONCENTRATION</u>		<u>SUPPORTING ELECTIVES</u>	
BCP 311	(3)	AVS 311	(3) req.	AVS 201	(3)
BCP 411	(3)	AVS 313	(3)	AVS 212	(3)
CHM 112,114	(4)	AVS 343	(3)	ASP 281	(3)
CHM 124	(4)	AVS 372	(3)	AVS 323	(3)
CHM 226,227,228	(8)	AVS 412	(3)	AVS 356	(3)
CSC 201	(3)	AVS 415	(3)	AVS 361	(3)
CSC 381	(3)	AVS 432	(3)	AVS 461	(3)
EST 220	(3)	AVS 451	(3)	AVS 462	(3)
EST 408	(3)	AVS 472	(3)	ASP 342	(3)
FSN 431	(3)	AVS 478	(3)	FSN 441	(3)
MTH 141	(3)	AVS 491,492 (1-3)		FSN 444	(3)
MTH 142	(3)	AVS 501	(1)	ZOO 316	(4)
MIC 201	(4) or	ASP 332	(3)	ZOO 331	(3)
MIC 211	(4)	ASP 401	(3)	ZOO 345	(3)
PHY 109	(3) or				
PHY 111,112	(8)				
ZOO/BOT 262	(3)				

APPENDIX A-4

OPTION: EQUINE - APPROVED COURSE LISTS

ADDITIONAL BASIC SCIENCES

CONCENTRATION

SUPPORTING ELECTIVES

BCP 311	(3)	AVS 313	(3) req.	AVS 212	(3) req.
BCP 411	(3)	AVS 356	(3) req.	AVS 252	(2) req.
CHM 112,114	(4)	AVS 451	(3) req.	AVS 323	(3)
CHM 124	(4)	AVS 331	(3) req.	AVS 324	(3)
CHM 226,227,228	(8)	ASP 332	(3) req.	AVS 412	(3)
CSC 201	(3)	AVS 372	(3)	AVS 491,492	(1-3)
CSC 381	(3)	AVS 415	(3)	AVS 501,502	(1)
EST 220	(3)	AVS 472	(3)	ACC 305	(3)
EST 408	(3)	AVS 478	(3)	BED 110	(3)
FSN 431	(3)			BSL 333	(3)
MTH 141	(3)			ECN 123	(3)
MTH 142	(3)			FSN 431	(3)
MIC 201	(4) or			FSN 441	(3)
MIC 211	(4)			JOR 212	(3)
PHY 109	(4) or			ZOO 323	(3)
PHY 111,112	(8)				
ZOO/BOT 262					

APPENDIX A-5

OPTION: LABORATORY ANIMALS - APPROVED COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>		<u>CONCENTRATION</u>		<u>SUPPORTING ELECTIVES</u>	
BCP 311	(3)	AVS 461	(3) req.	AVS 201	(3)
BCP 411	(3)	AVS 462	(3) req.	AVS 212	(3)
CHM 112,114	(4)	AVS 331	(3) req.	AVS 324	(3)
CHM 124	(4)	AVS 343	(3)	AVS 432	(3)
CHM 226,227,228	(8)	AVS 372	(3)	AVS 478	(3)
CSC 201	(3)	AVS 412	(3)	AVS 491,492	(1-3)
CSC 381	(3)	AVS 415	(3)	AVS 501	(1)
EST 220	(3)	AVS 472	(3)	ASP 332	(3)
EST 408	(3)	ASP 342	(3)	ACC 305	(3)
FSN 431	(3)	ASP 401	(3)	APG 412	(3)
MTH 141	(3)	ZOO 323	(2)	BED 110	(3)
MTH 142	(3)	ZOO 325	(2)	AVS 580	(3)
MIC 201	(4) or			MKT 323	(3)
MIC 211	(4)			PCL 441	(3)
PHY 109	(4) or			ZOO 321	(3)
PHY 111,112	(8)			ZOO 345	(3)
ZOO/BOT 262	(3)				

APPENDIX A-6

OPTION: PRE-VETERINARY - APPROVED COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>		<u>CONCENTRATION</u>	<u>SUPPORTING ELECTIVES</u>	
BCP 311	(3) req.	AVS 331	(3) or	AVS 201 (3)
BCP 411	(3)	ZOO 345	(3) req.	AVS 212 (3)
CHM 112,114	(4)	ASP 332	(3)	AVS 313 (3)
CHM 124	(4)	AVS 343	(3)	AVS 343 (3)
CHM 226,227,228	(8) req.	ASP 401	(3)	ASP 354 (2)
CSC 201	(3)	AVS 323	(3)	AVS 415 (3)
CSC 381	(3)	AVS 324	(3)	AVS 461 (3)
EST 220	(3)	AVS 372	(3)	AVS 462 (3)
FSN 431	(3)	AVS 412	(3)	AVS 472 (3)
MTH 141	(3) req.	ZOO 316	(4)	AVS 491,492 (1-3)
MTH 142	(3) or	ZOO 321	(4)	AVS 501,502 (1)
EST 408	(3) req.	ZOO 331	(3)	ASP 491,492 (1-3)
MIC 201	(4) or			ASP 501,502 (1)
MIC 211	(4) req.			ZOO 323 (2)
PHY 109	(4) or			ZOO 325 (2)
PHY 111,112	(8) req.			MIC 432 (3)
ZOO/BOT 262	(3)			AVS/ ELE 580 (3)

APPENDIX B-1

AQUACULTURE AND FISHERY TECHNOLOGY PROGRAM - APPROVED COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>		<u>CONCENTRATION</u>	<u>SUPPORTING ELECTIVES</u>
BOT 111	(3)	ASP 352	(3) ASP 281 (3)
CHM 226, 227, 228	(8)	ASP 401	(3) BOT 216 (3)
CSC 201	(3)	ASP 452	(3) BOT 418 (3)
EST 408	(3)	ASP 476	(3) EST 412 (3)
MTH 141	(3)	ASP 483	(3) FMT 101 (3)
MTH 142	(3)	ASP 515X	(3) FMT 121 (3)
PHY 109 or	(4)	AVS 412	(3) FMT 131 (3)
PHY 111, 112	(8)	FMT 351	(3) FMT 222 (2)
ZOO 242	(3)	FMT 371	(4) FMT 223 (1)
ZOO 254	(4)	FMT 382	(4) FMT 235 (2)
ZOO/BOT 262	(3)	FMT 391	(1-3) FMT 241 (4)
		FMT 392	(1-3) FMT 242 (4)
		FMT 416	(3) FMT 261 (4)
		FMT 518	(3) FMT 281 (4)
		FMT 521	(3) FOR 305 (3)
		FSN 431	(3) FOR 306 (3)
		FSN 432	(3) MAF 210 (3)
		MAF 312	(3) REM 322 (3)
		MAF 410	(3) ZOO 455 (3)
		MAF 523	(3)
		OCG 401	(3)
		OCG 501	(3)
		OCG 509	(3)
		REM 484	(3)
		REN 410	(3)
		REN 435	(3)
		REN 460	(3)
		ZOO 465	(3)

APPENDIX B-2

FISHERY TECHNOLOGY OPTION - APPROVED COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>	<u>CONCENTRATION</u>	<u>SUPPORTING ELECTIVES</u>
CHM 226,227,228 (8) req.	ASP 452 (3)	ECN 326 (3)
EST 408 (3) req.	ASP 515X (3)	FMT 241 (4)
MTH 141 (3) req.	FMT 351 (3)	FMT 242 (4)
MTH 142 (3) req.	FMT 371 (3)	FMT 261 (4)
PHY 111,112 (8) req.	FMT 391 (1-3)	FMT 281 (4)
ZOO/BOT 262 (3) req.	FMT 392 (1-3)	FMT 382 (4)
BOT 216 (3)	FMT 393 (3)	MAF 210 (3)
BOT 418 (3)	FMT 518 (3)	
ZOO 254 (3)	FMT 521 (3)	
ZOO 455 (3)	MAF 312 (3)	
	MAF 410 (3)	
	MAF 523 (3)	
	OCG 401 (3)	
	OCG 501 (3)	
	OCG 509 (3)	
	REN 410 (3)	
	REN 460 (3)	

APPENDIX B-3

PRE-AQUACULTURE OPTION - APPROVED COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>			<u>CONCENTRATION</u>		<u>SUPPORTING ELECTIVES</u>		
CHM 226,227,228	(8)	req.	ASP 352	(3)	ASP 452		(3)
EST 408	(3)	req.	ASP 401	(3)	EST 412		(3)
MTH 141	(3)	req.	ASP 476	(2)	FMT 351		(3)
MTH 142	(3)	req.	ASP 483	(3)	FOR 305		(3)
MIC 211	(4)	req.	AVS 412	(3)	FOR 306		(3)
PHY 109	(4)	or	FSN 431	(3)	REM 322		(3)
PHY 111,112	(8)	req.	FSN 432	(3)	ZOO 465		(3)
ZOO 242	(3)	req.	OCG 401	(3)			
ZOO/BOT 262	(3)	req.	REM 484	(3)			
BOT 221	(3)		REN 435	(4)			

APPENDIX C-1

FOOD SCIENCE AND NUTRITION - APPROVED PROGRAM COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>			<u>CONCENTRATION</u>			<u>SUPPORTING ELECTIVES</u>		
BCP	311	(3)	FSN	307	(3)	ASP	401	(3)
CHM	112,114	(4) or	FSN	308	(3)	ASP	352	(3)
CHM	124	(4)	FSN	331	(3)	AVS	372	(3)
CHM	212	(4)	FSN	333	(3)	EDC	312	(3)
CHM	226,227,228	(8)	FSN	334	(3)	FSN	237	(3)
SCS	201	(3)	FSN	335	(3)	MGT	300	(3)
EST	220	(3) or	FSN	345	(3)	PCG	459	(3)
EST	408		FSN	347	(3)	SOC	324	(3)
MIC	211	(4)	FSN	378	(3)			
MIC	412	(3)	FSN	421	(4)			
MTH	141	(3)	FSN	431	(3)			
PHY	109	(4)	FSN	432	(3)			
ZOO	121	(4)	FSN	433	(3)			
ZOO	242	(3)	FSN	438	(3)			
ZOO	244	(1)	FSN	441	(3)			
ZOO	345	(3)	FSN	444	(3)			
ZOO	441	(3)	FSN	456	(3)			
ZOO	442	(3)	FSN	461	(3)			
			AVS	412	(3)			
			CHE	447	(4)			

APPENDIX C-2

DIETETICS OPTION - APPROVED COURSE LISTS

ADDITIONAL BASIC SCIENCES

BCP 311 (3) req.
CHM 124 (4) req.
MIC 201 (4) or
MIC 211 (4) req.
ZOO 242 (3) req.

CONCENTRATION

FSN 331 (3) req.
FSN 333 (3) req.
FSN 334 (3) req.
FSN 335 (3) req.
FSN 441 (3) req.
FSN 444 (3) req.
ADE 448 (3) req.
EDC 312 (3) req.
MGT 300 (3) req.

SUPPORTING ELECTIVES

FSN 237 (3) req.
FSN 307 (3)
FSN 345 (3)
FSN 378 (3)
ASP 401 (3)
PCG 459 (3)
SOC 324 (3)
FSN 308 (3)
FSN 309 (3)

Social Sciences*

ECN 123 (3) or
ECN 124 (3)
PSY 113 (3)
SOC 202 (3) or
SOC 304 (3)
APG 203 (3) or
SOC 208 (3)

* required by ADA

APPENDIX C-3

FOOD SCIENCE AND TECHNOLOGY OPTION - APPROVED COURSE LISTS

ADDITIONAL BASIC SCIENCES

BCP 311 (3)
CHM 112,114 (4) or
CHM 124 (4)
CHM 226,227,228 (8)
CSC 201
EST 220 (3) or
EST 408 (3) req.
MIC 211 (4) req.
PHY 109 (4)
MTH 141 (3) req.

CONCENTRATION

FSN 347 (3) req.
FSN 421 (4) req.
FSN 431 (3) req.
FSN 432 (3) req.
FSN 433 (3) req.
FSN 378 (3) or
FSN 438 (3) req.
CHE 447 (4) req.
MIC 412 (3) req.

SUPPORTING ELECTIVES

FSN 378 (3)
FSN 438 (3) One req.
FSN 461 (3)
FSN 331 (3)
FSN 441 (3)
FSN 444 (3)
CHM 212 (4)
EST 408 (3) req.

APPENDIX C-4

NUTRITIONAL SCIENCE OPTION - APPROVED COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>	<u>CONCENTRATION</u>	<u>SUPPORTING ELECTIVES</u>
BCP 311 (3)	FSN 441 (3)	FSN 237 (3)
CHM 112,114 (4) or	FSN 444 (3)	FSN 431 (3)
CHM 124	FSN 307 (3)	FSN 432 (3)
CHM 212 (4)	FSN 308 (3)	FSN 456 (3)
CHM 226,227,228 (8)	FSN 345 (3)	ASP 401 (3)
CSC 201 (3)	FSN 421 (4)	AVS 461 (3)
EST 220 (3) or	ZOO 441 (3)	AVS 352 (3)
EST 408 (3)	ZOO 442 (3)	AVS 372 (3)
MIC 211 (4)	AVS 412 (3)	ZOO 121 (4)
MTH 141 (3)		ZOO 345 (3)
PHY 109 (4)		FSN 309 (3)
ZOO 242 (3)		
ZOO 244 (1)		

APPENDIX D-1

NATURAL RESOURCES PROGRAM - APPROVED COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>			<u>CONCENTRATION</u>	<u>SUPPORTING ELECTIVES</u>
CHM	124	(4)	Courses numbered 300 or higher from ASP, AVS CPL, FMT FOR, FSN PLP, PLS REM, REN SLS	Select from option lists or from other course offerings related to the students' interest. *EDC 102 (3) *EDC 312 (3) *PSY 113 (3) *RDE 444 (3) *RDE 486 (0-6) *REM Courses (9) *EDC 484 (9-12) *EDC 485 (3)
CHM	226,227,228	(8)		
BCP	311	(3)		
BOT/ZOO	262	(3)		
ESC	104	(3)		
ESC	105	(3)		
ESC/GEL	106	(1)		
GEL	103	(3)		
MTH	141	(3)		
MTH	142	(3)		
CSC	201	(3)		
EST	220	(3)		
EST	408	(3)		
MIC	211	(4)		
PHY	109	(4)		
PHY	111,112	(8)		

* Required for teacher certification in Agr. business/natural resources

APPENDIX D-2

FOREST SCIENCE OPTION - APPROVED COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>			<u>CONCENTRATION</u>		<u>SUPPORTING ELECTIVES</u>		
CHM	124	(4) or	BOT 311	(3)	ASP	352	(3)
CHM	226,227,228	(8)	BOT 323	(3) req.	BOT	245	(3)
BOT/ZOO	262	(3)	BOT 424	(3)	CPL	434	(3)
ESC	104	(3)	ESC 301	(3)	FOR	402	(3)
ESC	105,106	(4) or	FOR 301,302	(6) req.	GEG	403	(3)
GEL	103,106	(4)	FOR 305	(3) req.	GEG	404	(3)
MTH	141	(3)	FOR 306	(3)	GEG	406	(3)
MTH	142	(3)	FOR 401	(3)	GEG	421	(3)
CSC	201	(3)	PLS 450	(3)	GEG	422	(3)
MIC	211	(4)	PLS 475	(4)	REN	310	(3)
PHY	111,112	(8)	REM 451	(3)	REN	440	(3)
BCP	311	(3)					

APPENDIX D-3

RESOURCE ECONOMICS - APPROVED COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>	<u>CONCENTRATION</u>	<u>SUPPORTING ELECTIVES</u>
CHM 124 (4)	REN 310 (3)	ACC 201,202 (3)
CHM 226,227,228 (8)	REN 330 (3)	CSC 201,202 (3)
BCP 311 (3)	REN 435 (3)	CSC 382 (3)
BOT/ZOO 262 (3)	REN 440 (3)	CSC 410 (3)
ESC 104 (3)	REN 460 (3)	ECN 338 (3)
ESC 105 (3)	REN 491 (3)	ECN 342 (3)
ESC/GEL 106 (1)	REN 492 (3)	ECN 361 (3)
GEL 103 (3)	REN 534 (3)	ECN 363 (3)
MTH 141 (3)	REN 595 (3)	FIN 321 (3)
MTH 142 (3)	ECN 327 (3)	IDE 432 (3)
CSC 201 (3)	ECN 328 (3) req.	IDE 433 (3)
EST 220 (3)	ECN 337 (3)	IDE 435 (3)
EST 408 (3)	ECN 375 (3)	MAF 210 (3)
MIC 211 (4)	ECN 376 (3)	MAF 312 (3)
PHY 109 (4)	ECN 528 (3)	MAF 410 (3)
PHY 111,112 (8)	ECN 575 (3)	MAF 483 (3)
		MGS 107 (3)
		MGS 375 (3)
		MKT 323 (3)
		MTH 142 (3)
		MTH 215 (3)
		MTH 243 (3)
		OCC 401 (3)

APPENDIX D-4

SOIL CONSERVATION OPTION - APPROVED COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>	<u>CONCENTRATION</u>	<u>SUPPORTING ELECTIVES</u>
CHM 124 (4) or	12 credits from:	AVS 212 (3)
CHM 226,227,228(8)	SLS 411 (3)	BOT 245 (3)
CHM 212 (4)	SLS 412 (3)	BOT 311 (3)
BCP 311 (3)	SLS 450 (3)	BOT 323 (3)
EST 220 (3)	SLS 468 (4)	CVE 346 (3)
MIC 211 (4)	GEG 421 (3)	CVE 380 (3)
MTH 141 (3)	PLS 475 (4)	CPL 410 (3)
MTH 142 (3)	REM 451 (3)	CPL 434 (3)
		ECN 123
	12 credits from:	FOR 301,302(3) ea.
	300 level & above in	FOR 305,306(3) ea.
	CVE	FOR 401 (3)
	FOR	GEG 103 (3)
	GEG	GEG 411 (3)
	GEL	GEL 302 (3)
	PLS	GEL 320 (4)
	SLS	JOR 210,212(3) ea.
		MGT 300,301(3) ea.
		PLS 306 (3)
		PLS 311 (3)
		PLS 324 (3)
		PLS 341 (3)
		PLS 382 (3)
		PLS 393 (3)
		REM 322 (3)
		REM 362 (3)
		REM 484 (3)
		REN 310 (3)
		REN 440 (3)
		REN 445 (3)
		URB 210 (3)

APPENDIX D-5

SOIL SCIENCE OPTION - APPROVED COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>	<u>CONCENTRATION</u>	<u>SUPPORTING ELECTIVES</u>
CHM 124 (4) or	Three courses from:	BOT 245 (3)
CHM 226,227,228(8)	SLS 411 (3)	BOT 323 (3)
GEL 104 (3)	SLS 412 (3)	BOT 424 (3)
GEL 103,104 (4)	SLS 468 (4)	CPL 410 (3)
MIC 211 (4)	GEL 410 (3)	CVE 478 (3)
MTH 141 (3)	MIC 361 (4)	CVE 481 (3)
MTH 142 (3)		CVE 482 (3)
PHY 109 (4) or	Remaining courses from:	ESC 301 (3)
PHY 111,112 (8)	SLS 450 (3)	EST 408 (3) or
BCP 311 (3)	PLS 475 (4)	EST 409 (3)
CHM 414 (2)	CVE 380 (3)	EST 412 (3)
CHM 431 (4)	GEL 450 (3)	FOR 301,302(3) ea.
CHM 432 (4)	REM 451 (3)	FOR 401 (3)
CHM 435 (3)	PLS 491,492(3) ea.	GEG 403,414(3) ea.
ZOO/BOT 262 (3)	PLS 401,402(1) ea.	GEL 302 (3)
		GEL 320 (4)
		GEL 425 (3)
		PLS 311 (3)
		PLS 324 (3)
		PLS 341 (3)
		PLS 382 (3)
		PLS 405 (3)
		PLS 420 (3)
		PLS 461 (3)

APPENDIX D-6

WILDLIFE BIOLOGY AND MANAGEMENT OPTION - APPROVED COURSE LISTS

ADDITIONAL BASIC SCIENCES

CONCENTRATION

SUPPORTING ELECTIVES

Duplicate list for Forest
Science

CHM	124	(4)	BOT	323	(3) req.	ASP	281	(3)
CHM	226,227,228	(8)	FOR	301	(3) req.	ASP	352	(3)
BCP	311	(3)	FOR	305,306	(6) req.	BOT	424	(3)
BOT/ZOO	262	(3)	ZOO	345	(3) req.	CPL	434	(3)
ESC	104	(3)	ZOO	466	(3) req.	ESC	301	(3)
ESC	105	(3)				FOR	423,424	(7)
ESC/GEL	106	(1)	One of the following:			SLS	450	(3)
GEL	103	(3)	ASC	361	(3)	ZOO	254	(4)
MTH	141	(3)	FOR	402	(3)	ZOO	463	(3)
MTH	142	(3)	FOR	491	(3)	ZOO	465	(3)
CSC	201	(3)	FOR	492	(3)	ZOO	467	(3)
EST	220	(3)				ZOO	563	(3)
EST	408	(3)	One of the following:			ZOO	565	(3)
MIC	211	(4)	ASP	383	(3)	ZOO	566	(3)
PHY	109	(4)	FOR	302	(3)	ZOO	568	(2)
PHY	111,112	(8)	FOR	401	(3)	BOT	221	(3)
						BOT	355	(3)
						BOT	418	(3)
						BOT	419	(3)
						BOT/ZOO	455	(3)
						ZOO	321	(4)
						ZOO	331	(3)
						PLP	381	(3)

APPENDIX E-1

PLANT SCIENCE AND TECHNOLOGY PROGRAM - APPROVED COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>		<u>CONCENTRATION</u>	<u>SUPPORTING ELECTIVES</u>	
BOT 221	(3)	Courses in	ACC 305	(3)
BOT 245	(3)	PLS	ASP 352	(3)
BOT/ZOO 262	(3)	PLP	FOR 301	(3)
BOT 323	(3)	BOT	FOR 302	(3)
CHM 124	(4) or	(at 300 level or	MGT 300	(3)
CHM 226,227,228	(8)	above)	PLP 332	(3)
CHM 212	(4)		PLS 401	(3)
BCP 311	(3)		PLP 442	(3)
MTH 141	(3)		PLS 233	(3)
MTH 142	(3)		PLS 306	(3)
EST 408	(3)		PLS 341	(3)
EST 220	(3)		PLS 352	(3)
MIC 211	(4)		PLS 353	(3)
PHY 109	(4) or		SLS 450	(3)
PHY 111,112	(8)		PLS 491,492	(1-3)
			REM 451	(3)
			REM 491,492	(1-3)
			REM 484	(3)
			*EDC 102	(3)
			*EDC 312	(3)
			*PSY 113	(3)
			*RDE 444	(3)
			*RDE 486	(0-6)
			*EDC 484	(9-12)
			*EDC 485	(3)
			*REM Courses	(9)

* Required for teacher certification in Agri-business/Natural Resources

APPENDIX E-2

LANDSCAPE DESIGN OPTION - APPROVED COURSE LISTS

ADDITIONAL BASIC SCIENCES

BOT 221 (3)
BOT 245 (3)
BOT/ZOO 262 (3)
BOT 323 (3)
CHM 124 (4)
CHM 226,227,228 (8)
CHM 212 (4)
BCP 311 (3)
MTH 141 (3)
MTH 142 (3)
EST 220 (3)
EST 408 (3)
MIC 211 (4)
PHY 109 (4) or
PHY 111,112 (8)

CONCENTRATION

PLS 306 (3) req.
PLS 331 (3) req.
PLS 343 (3) req.
PLS 353 (3) req.
PLS 444 (3) req.
PLS 446 (3) req.
PLS 454 (3) req.
SLS 450 (3) req.

SUPPORTING ELECTIVES

ART 207,208 (3) req.
ART 213 (3) req.
BOT 245 (3)
BOT 323 (3)
BOT 202 (3)
CPL 410 (3) req.
CPL 434 (3)
CPL 531 (3)
CVE 315 (3)
ESC 301 (3)
FOR 423,424 (3) ea.
MGT 300 (3)
MKT 323 (3)
PLP 401 (3)
PLS 442 (3)
PLS 311 (3)
PLS 341 (3)
PLS 352 (3)
PLS 405 (3)
PLS 420 (3)
PLS 433 (3)
PLS 434 (3)
REN 310 (3)
REM 451 (3)
SOC 310 (3)
SOC 432 (3)
SOC 434 (3)

APPENDIX E-3

ORNAMENTAL HORTICULTURE OPTION - APPROVED COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>		<u>CONCENTRATION</u>		<u>SUPPORTING ELECTIVES</u>	
BOT 221	(3)	PLS 306	(3)	ACC 305	(3)
BOT 245	(3)	PLS 331	(3)	ASP 352	(3)
BOT/ZOO 262	(3)	PLS 343	(3)	BOT 221	(3)
BOT 323	(3)	PLS 352	(3)	BOT 311	(3)
CHM 124	(4) or	PLS 353	(3)	BOT 202	(3)
CHM 226,227,228	(8)	PLS 405	(3)	MGT 300	(3)
CHM 212	(4)	PLS 433	(3)	MKT 323	(3)
BCP 311	(3)	PLS 434	(3)	PLP 332	(3)
MTH 141	(3)	PLS 444	(3)	PLP 401	(3)
MTH 142	(3)	PLS 446	(3)	PLP 442	(3)
EST 408	(3)	PLS 461	(3)	PLS 233	(3)
MIC 211	(4)	PLS 475	(4)	PLP 341	(3)
PHY 109	(4) or			PLS 442	(3)
PHY 111,112	(8)			PLS 472	(3)

APPENDIX E-4

PLANT PROTECTION OPTION - APPROVED COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>	<u>CONCENTRATION</u>	<u>SUPPORTING ELECTIVES</u>
ASP 352 (3) req.	PLP 332 (3) req.	BCP 311 (3)
BOT 245 (3) req.	PLP 381,382 (4) req.	BCP 435 (3)
BOT 311 (3) req.	PLP 393,394 (6) req.	BOT 445 (3)
BOT 323 (3) req.	PLS 461 (3) req.	BOT 524 (3)
CHM 226,227,228 (8) req.		BOT 534 (3)
EST 220 (3) or	Any three of the	PLP 511 (3)
EST 408 (3) req.	following	PLP 571 (3)
MIC 211 (4) req.		PLP 575 (3)
		PLS 420 (3)
	BOT 432 (3)	PLS 472 (3)
	PLP 401 (3)	REN 410 (3)
	PLP 442,443 (4)	ZOO 586 (3)
	PLP 463 (3)	
	PLP 465 (3)	
	PLS 475 (4)	

APPENDIX E-5

TURFGRASS AND GROUNDS MANAGEMENT OPTION - APPROVED COURSE LISTS

<u>ADDITIONAL BASIC SCIENCES</u>		<u>CONCENTRATION</u>		<u>SUPPORTING ELECTIVES</u>	
BOT 221	(3)	PLP 332	(3) req.	ACC 305	(3)
BOT 245	(3)	PLP 401	(3) req.	ASP 352	(3)
BOT/ZOO 262	(3)	PLP 442	(3) req.	CVE 315	(3)
BOT 323	(3)	PLS 341	(3) req.	MGT 300	(3)
CHM 124	(4) or	PLS 442	(3) req.	PLS 306	(3)
CHM 226,227,228	(8)	PLS 461	(3) req.	PLS 343	(3)
CHM 212	(4)	PLS 475	(4) req.	PLS 353	(3)
BCP 311	(3)	SLS 450	(3) req.	PLS 405	(3)
MTH 141	(3)			PLS 444	(3)
MTH 142	(3)			PLS 446	(3)
EST 408	(3)			SLS 411	(3)
EST 220	(3)			SLS 468	(3)
MIC 211	(4)			REM 322	(3)
PHY 109	(4) or			REM 451	(3)
PHY 111,112	(8)			REM 484	(3)

APPENDIX F

URBAN AFFAIRS PROGRAM - APPROVED COURSE LISTS

RESOURCE SCIENCES

AVS 101 (3)
ASP 352 (3)
FMT 118 (3)
FSN 207 (3)
FSN 237 (3)
PLS 204 (3)
PLS 242 (3)
RDV 100 (3)
REN 105 (3)
SLS 212 (3)
URB 210 (3) req.

ADDITIONAL BASIC SCIENCES

AST 108 (3)
BCP 302 (3)
BCP 311 (3)
CHM 112,114 (4)
CHM 124 (4)
CSC 201,202 (3)
EST 220 (3)
GEG 403 (3)
GEG 404 (3)
GEG 405 (3)
GEG 406 (3)
GEL 103 (3)
GEL 105 (3)
MIC 211 (4)
MTH 141 (3)
MTH 142 (3)
PHY 109 (4)

CONCENTRATION

GROUP A: 6-9 Credits

CPL 410 (3)
URB 498,499 (3)
ADE 487 (3)

GROUP B: 9-12 Credits

ECN 402 (3)
GEG 411 (3)
PSC 460 (3)
HIS 363 (3)
SOC 434 (3)

GROUP C: 6-9 Credits

APG 319 (3)
FIN 341 (3)
MGT 322 (3)
SLS 450 (3)
PSC 421 (3)
REN 341 (3)
SOC 338 (3)
CPL 434 (3)

URBAN AFFAIRS PROGRAM - APPROVED COURSE LISTS

SUPPORTING ELECTIVES

GROUP A: 6-12 credits

CHM	107	(3)
FOR	301,302	(3)
FOR	401	(3)
FOR	402	(3)
OCG	401	(3)
PCL	321	(3)
PLS	382	(3)

GROUP B: 6-12 credits

APG	322	(3)
BSL	333	(3)
CDF	340	(3)
ECN	337	(3)
ECN	401	(3)
CVE	478	(3)
FIN	322	(3)
HIS	316	(3)
HIS	317	(3)
HMG	210	(3)
INS	310	(3)
INS	333	(3)
MKT	323	(3)

SUPPORTING ELECTIVES

MSC	110	(3)
MGT	321	(3)
MGT	300	(3)
PCG	459	(3)
PLS	343	(3)
PSY	232	(3)
REN	320	(3)
REN	410	(3)
SOC	204	(3)
SOC	410	(3)
TXC	224	(3)
ART	284	(3)
ART	484	(3)
MAF	210	(3)
MAF	312	(3)

GROUP C: 6-12 Credits

EDC	312	(3)
EDC	371	(3)
EDC	401	(3)
EDC	450	(3)
PSY	435	(3)
PSY	432	(3)
JOR	210	(3)
JOR	435	(3)
RDE	444	(3)
RDE	486	(3)
ADE	488	(3)
SPE	102	(3)
SPE	201	(3)
SPE	220	(3)