

CURRICULUM COMMITTEE  
Minutes

April 11, 1985

The Curriculum Committee met April 11, 1985, at 1:30 p.m. in Brewster B-103. Members present were: Muller, Wease, Ziehr, Topper, Broadhurst, Boyce, McMillan, Hancock, Grossnickle, Daugherty, and Cain (ex officio). Members absent: Templeton.

The minutes of March 28, 1985, were corrected to show that Topper was present. The minutes were approved. In clarification of the March 14, 1985, minutes, The Curriculum Committee does not approve or disapprove admission requirements to declare a major.

A representative from Geology was not present; therefore, the Geology proposal was postponed.

Professors R.B. Keusch and Carl Gooding presented the request of the School of Business to revise the Entrepreneurship and Small Business Management concentration and to change the prerequisite for MGMT 4262. Broadhurst moved to approve the proposal as amended. Boyce seconded. The motion passed.

Professor Byron Coulter presented the request of the Department of Physics to revise the BS in Physics, BS in Applied Physics, BA in Physics, Physics minor; bank PHYS 1021, 1100; change prerequisites and/or corequisites for PHYS 2250, 2260, 2270, 1011, 4716, 4717. Boyce moved to approve the package. Wease seconded. The motion passed.

Professors Larry DuVall and Darryl Davis, Department of Industrial and Technical Education, presented the requested revisions to the BS (Professional) Degree in Industrial Technology. Hancock moved to approve the revisions as amended. Broadhurst seconded. The motion passed.

Professor Robert Dough, Department of Science Education, presented the request to add a new course SCIE 5010, Applications of Microcomputers in Teaching Physical Science (3). McMillan moved to approve the course. Boyce seconded. The motion passed.

Professor Donald Clemens, Department of Chemistry, presented the request for the course CHEM 5103, Seminar (1) and to add it to the required courses in Chemistry for the B.S. Degree. Ziehr moved to approve the proposal. Boyce seconded and the motion passed.

Professor Edward Wheatley, Department of Marketing, presented the new courses MKTG 4532, Industrial Marketing (3); MKTG 4462, Retailing Strategy (3); two concentrations: Marketing Management and Retailing Management replacing the present marketing concentration and add prerequisites to MKTG 4562. He stated that no additional staff or cost would be involved. Hancock moved to approve the proposal as amended. Topper seconded. The motion

passed.

Professors Vila Rosenfeld and Kathryn Kolasa, School of Home Economics, presented the request to add HOME 4410, 4411, 4400; revise 4390; revise BS in Home Economics Education all three options; BS FNIM Major Dietetics Option and Food Service Option; revise and change name of Food and Nutrition Minor to Nutrition Minor; delete Food Service Management Minor; delete HOME 4000 and 4391. They stated that no additional staff or resources were needed. Boyce moved approval of the package as amended. Broadhurst seconded. The motion passed.

Professors Frances Daugherty and Mindy Machanic, School of Art, presented the package of new courses (see Catalogue Copy for details); merger of BFA ART: Interior/Environmental Design major into the BFA Art; the addition of ART 2000, Portfolio Review (0) into BFA ART, BFA ART Education and BA Art degrees; deletion of ART 2412, 2422, 3411, 3412, 3421, 3422, 4412, 4422; and bank ART 4421. Ziehr moved to approve the package. McMillan seconded. The motion passed.

In committee business the problems encountered when degrees are changed without accompanying catalogue copy was discussed. It was moved and seconded that the Committee by-law stating for degree changes to be considered the changes must be accompanied by catalogue copy be strictly enforced. The motion passed unanimously.

The meeting adjourned at 4:15 p.m.

Stella Daugherty  
Mathematics

CATALOGUE COPY

SCHOOL OF BUSINESS

Department of Management

MGMT 4262. Small Business Management (3)  
Change prerequisites to read: Prerequisites: MKTG 3832;  
FINA 3724.

Entrepreneurship and Small Business Management concentration

MGMT 4242 or PSYCH 3241; MGMT 4252, 4262; plus two of the following: ACCT 3901; MGMT 4402, 4742; MKTG 4362, 4752.

DEPARTMENT OF PHYSICS  
CURRICULUM FOR B.S. IN 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; CHEM 1150, 1151, 1160, 1161 . . . . . 44 s.h.
2. Required PHYS courses: 1011, 2011, 2021, 2250, 2260, 2270, plus Areas 1, 2, 3, 4, 5 . . . . . 42 s.h.
3. Required cognate courses: MATH 2171, 2172, 2173 . . . . . 12 s.h.
4. Plus general electives to complete requirements for graduation.

CURRICULUM FOR B.S. 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) less certain cognate courses . . . . . 33 s.h.
2. Required PHYS courses: 1011, 2011, 2021, 2250, 2260, 2270 plus one of the following options.  
Industrial Physics Option--Areas 1, 2, 3, 4, 5 . . . . . 42 s.h.  
Medical Physics Option--PHYS 3566, 4216, 4317, 4616, Areas 3, 7 plus 3 s.h. of approved electives . . . . . 39 s.h.
3. Required cognate courses: CHEM 1150, 1151, 1160, 1161; CSCI 2600; PHYS 3860, 3861; MATH 2171, 2172, 2173 plus the following to accompany option selected in 2 above.  
Industrial Physics Option--CSCI 2610; INDT 2034, 2035 . . . . . 32 s.h.  
Medical Physics Option--BIOL 1050, 1051, 2130, 2131; CHEM 2650, 2651 . . . . . 40 s.h.  
(Preengineering students should see Section 6, The General College: PREPROFESSIONAL AND TWO-YEAR CURRICULA: Two-Year Engineering Curriculum.)
4. Plus general electives to complete requirements for graduation.

CURRICULUM FOR B.A. IN 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) less certain cognate courses including MATH 1065, PHIL 2261 . . . . . 44 s.h.
2. Foreign Language through level 1004 . . . . . 12 s.h.
3. Required PHYS courses: 1011, 2011, 2021, 2250, 2260, 2270, 3516, 3517, 3717, 4080, 4081, 5050, plus 9 s.h. of electives from the Area Studies . . . . . 30 s.h.
4. Required cognate courses: MATH 2182, 2183 . . . . . 10 s.h.
5. Plus a minor and general electives to complete requirements for graduation.

MINOR IN PHYSICS

Required PHYS courses: 1011, 2011, 2021, 2250, 2260, 2270, plus 12 s.h. of electives from courses numbered above 2999 . . . . . 24 s.h.

PHYS 1011 Experimental Physics I (1)  
Change corequisite to  
Corequisite: PHYS 2250 or consent of departmental chairperson

PHYS 2250, 2260, 2270 Advanced General Physics (3, 3, 3)  
Change prerequisites to  
Corequisite: MATH 2171 or 2182 for 2250; MATH 2172 or 2183 for 2260 and 2270; Prerequisite: PHYS 2250 for 2260 and 2270.

PHYS 4716, 4717 Topics in Medical Physics (3, 3)  
Change prerequisites to:  
Prerequisites: PHYS 2260, 2270; BIOL 2130, and consent of departmental chairperson.

Bank PHYS 1021 Experimental Physics II (1)  
Bank PHYS 1100 Introduction to Physics and Engineering (3)

SCHOOL OF TECHNOLOGY  
Department of Industrial and Technical Education

B.S. (Professional) Degree in Industrial Technology  
all remains the same except change 1, 4, and 5 as follows:

1. General education requirements (see Section 6, The General College: REQUIREMENTS FOR BACCALAUREATE DEGREE PROGRAMS) including ECON 2113; MATH 1065; PSYC 1050, 3241; PHYS 1250/1251, 1260/1261; SPCH 2001 or 2080 . . . . . 44 s.h.
4. Required cognate courses: ACCT 2401; FINA 2244; MATH 1074, 2283 or 3228; computer related elective (3 s.h. from BUED 2212/2213, CSCI 2600, INDT 4050, 4052, SOCI 3213/3214); Construction Management concentration requires

4 s.h. GEOL elective, other concentrations require 4 s.h. CHEM elective excluding CHEM 0150; Related electives (6 s.h. from ACCT 2521, MGMT 3202, MKTG 3832, FINA 3274 . . . . . 24 s.h.  
 5. Electives . . . . . 10 s.h.

SCIE 5010 Applications of Microcomputers in Teaching Physical Science (3)  
 Two one-hour lectures and one two-hour laboratory per week.  
 Prerequisites: Senior or graduate standing.  
 An introduction to the use of the microcomputer to assist in teaching physical science. Topics will include operation of the microcomputer, review and evaluation of available software and computer techniques to illustrate physical science concepts.

DEPARTMENT OF CHEMISTRY

CHEM 5103 Seminar (1)  
 Prerequisite: Consent of instructor  
 Discussion of current chemical research

B.S. Degree in Chemistry

All requirements remain the same except in #2 add CHEM 5103 and increase the number of hours to 43 s.h.

SCHOOL OF BUSINESS

MKTG 4532 Industrial Marketing (3)  
 Prerequisite: MKTG 3832  
 Marketing management in industrial and high tech organization including: market structure, demand characteristics, industrial buying behavior models, marketing mix development, and marketing information and control systems.

MKTG 4462 Retailing Strategy (3)  
 Prerequisites: 9 hours of marketing including MKTG 3832, MKTG 4362  
 Application of retailing management principles and concepts utilizing written cases, research and analysis, in-class student presentations and strategy program development and integration.

MKTG 4562 Marketing Strategy (3)  
 Change prerequisites to:  
 Prerequisites: MKTG 3832 plus 6 s.h. of Marketing courses.

Replace the present Marketing concentration with the following two concentrations:

Marketing Management: MKTG 4662, 4562; Marketing electives: At least nine hours with at least one course each from the Communication and Distribution groups: Communication: MKTG 4352, 4752, 4732; Distribution: MKTG 4362, 4772, 4882, 4532, MGMT 4262.

Retailing Management: MKTG 4362, 4352, 4752, 4462; 3 s.h. from the following: MKTG 4662, 4732, 4772, 4562, plus 3 s.h. approved by the Department Chairperson.

#### SCHOOL OF HOME ECONOMICS

HOME 4410 Professional Seminar (1)  
Prerequisites: Junior standing and instructor's approval.  
Development of professional practices related to Home Economics in education and business. Topics will vary.

HOME 4411 Professional Internship (3)  
Minimum of 300 hours of on-the-job work experience.  
Prerequisites: HOME 4410 or consent of instructor.  
Minimum of 300 hours of directed work experience involving application of home economics skills. Topics will vary.

HOME 4400 Professional Presentations (3)  
Presentation and communication techniques used by extension personnel, housing, clothing, food, consumer and family specialists as well as other professionals. Emphasis will be placed on student presentations using professional materials and various media.

HOME 4390 Management of Resources (3) (formerly HOME 4390, 4391)  
Management of family financial resources in terms of family values and goals. Insurance, taxation, social security, savings and investments related to family financial security through the life cycle.

HOME 4391 Delete

HOME 4000 Delete

#### B.S. Degree

A. Home Economics in Education and Business Major: Teacher Certification Option

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

1. General education requirements plus special requirements for certification (See Section 6, The General College: REQUIREMENTS FOR BACCALAUREATE DEGREE PROGRAMS) including ART 1001; ECON 2113 or SOCI 2110; MATH 1065; HISTORY;

- PSYC 1050; LITERATURE; SPCH 2001 or 3004 . . . . . 44 s.h.
- 2. Required HOME courses (Clothing and Housing) 2003, 2004, 2180, 2181; 2184 or 2239; 5040 or 5337 (Food, Nutrition, and Institutional Management) 1005, 1006, 2105 (Child Development and Family Relations) 2201, 2202, 3002 (Home Economics Education) 2126, 2290, 4390, 4410, 4411 (Home Economics) 3000 plus 6 s.h. of approved HOME electives for concentration . . . . . 44 s.h.
- 3. Professional credits: READ 3990; PSYC 2240, 4305; SEED 3271, 3325; SPED 2000; HOME 2123, 4310, 4317, 4323, 4324 . . . . . 31 s.h.
- 4. Electives to complete requirements for graduation.

B. Home Economics in Education and Business Major:  
Community Services Option

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

- 1. General education requirements plus special requirements for certification (see Section 6, The General College: REQUIREMENTS FOR BACCALAUREATE DEGREE PROGRAMS) including ART 1001; SPCH 2001 or 3004; PSYC 1050, 3241 44 s.h.
- 2. Required HOME courses: (Clothing and Housing) 2003, 2004 or 2239, 2180, 2181 or 2184, (Food, Nutrition, and Institution Management) 1005, 1006, 2105, (Child Development and Family Relations) 1103, 2201, 2202, 3002; (Home Economics Education) 2123, 2126, 2290, 3286, 3287, 4000, 4001, 4390; 4400 or 5321; (Home Economics) 3000; 5020 or SEED 3272 . . . . . 47-48 s.h.
- 3. Required cognate course: ENGL 3880 . . . . . 3 s.h.
- 4. Minor or 24 s.h. of approved concentration of 12 s.h. each from two adviser-approved supporting areas . . . . . 24 s.h.
- 5. Electives to complete requirements for graduation.

C. Home Economics in Education and Business Major:  
Consumer and Management Option

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 PSYC 1050; ECON 2113; SPCH. . . . . 44 s.h.
- 2. Required HOME courses: (Clothing and Housing) 1180, 1181; (Child Development and Family Relations) 3002; (Food, Nutrition, and Institution Management) 2105; (Home Economics Education) 2126, 2290, 3286, 3287, 4390, 4880, 4400, 4410; 4411 or 5321; 5329, 5392; (Home Economics) 3000; plus 6 s.h. of approved HOME electives . . . . . 41-42 s.h.
- 3. Minor or 24 s.h. of approved concentration or 12 s.h. each from two adviser-approved supporting areas . . . . . 24 s.h.
- 4. Electives to complete requirements for graduation.

D. Food, Nutrition, and Institution Management Major:

Dietetics (General) Option

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 courses marked\* . . . . . 44 s.h.
2. Required HOME courses: (Food, Nutrition, and Institution Management) 1005, 1006, 2105, 2350, 3226, 3227, 3250, 3393, 4312, 4313, 4328, 4329, 4340, 4990, 5303, 5304; (Clothing and Housing) 1180 or ART 1001\*; (Child Development and Family Relations) 3002; (Home Economics Education) 2290, 5321 or 5335; (Home Economics) 3000 . . . . . 47-49 s.h.
3. Required cognate courses: BIOL 2110, 2111, 2130, 2131; CHEM 1150\*, 1151\*, 1160\*, 1161\*, 2650, 2651; ECON 2113\*; SOCI 2110\*; SPCH 2080\* or SPCH 3004\*; MATH 1065\*; PSYC 1050\*, 2101\*, 2102\*, 3241\* . . . . . 41 s.h.
4. Electives to complete requirements for graduation.

F. Food, Nutrition, and Institution Management Major:

Food Service Administration Option

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 courses marked \* . . . . . 44 s.h.
2. Required HOME courses: (Clothing and Housing) 1180 or ART 1001\*; (Food, Nutrition, and Institution Management) 1005, 1006, 2105, 2350, 3250, 3393, 4328, 4329, 4340, 4990, 5303, 5304\*; 5335 or 5321, 3 s.h. FNIM course(s) above 2999; (Home Economics Education) 2290; (Child Development and Family Relations) 3002; (Home Economics) 3000 . . . . . 41-43 s.h.
3. Required cognate courses: BIOL 1050, 1051, 2110, 2111; CHEM 1120\*, 1121\*, 2620\*, 2621\*; ECON 2113\*, PSYC 1050\*, 3241\*; SOCI 2110\*; SPCH 3004\* or 2080\* . . . . . 30 s.h.
4. Business Administration Minor . . . . . 24 s.h.
5. Electives to complete requirements for graduation.

B. Nutrition Minor

1. Required HOME courses: (Food, Nutrition, and Institution Management) 2105, 3226, 3227, 4312, 4313 . . . . . 12 s.h.
2. Required cognate courses: CHEM 1150, 1151, 1160, 1161, 2650; 2651; BIOL 2130, 2131 . . . . . 18 s.h.

B. Nutrition Minor above replaces present Food and Nutrition Minor

Delete Food Service Management Minor.

SCHOOL OF ART  
Environmental Design

After ART 2400, B.F.A. students with a major in Environmental Design will take ART 2405 (Graphics) and at least 3 seminars and 4 studios for a minimum of 27 semester hours. Prerequisites for non-art majors may be waived by the instructor with administrative approval.

ART 2400 Environmental Design Survey (3)  
Prerequisites: ART 1005, 1015, 1020, 1030  
A studio introduction to concepts, issues, tools and techniques of environmental design. Prerequisite for advanced studios.

ART 2405 Environmental Design Graphics (3)  
Prerequisite: ART 2400  
An in-depth studio investigation of tools, media and techniques relevant to the graphics of environmental design.

ART 2421 Environmental Design Theory and Methodology (3)  
Prerequisite: ART 2400  
An introduction to various tools and techniques for analyzing and solving environmental design problems, and an overview of various theoretical concepts of the field.

ART 3413 Design and the Natural Environment (3)  
Prerequisites: Sophomore standing and one science or physical geography course.  
A seminar focusing on the interactions between environmental design and the natural environment: effects, implications, limitations, systems, meanings.

ART 3416 Materials and Processes of Environmental Design (3)  
Prerequisite: ART 2400  
An introduction to the processes used in taking environmental design from drawing to reality. Investigation of material selection for various types of environments and the design consequences of the decisions made.

ART 3426 Environment, Behavior and Design (3)  
Prerequisite: ART 2400  
A seminar considering the social and psychological implications of design and the environment, and information-gathering tools for designers.

ART 3430, 3431, 3432 Environmental Design Studio (3, 3, 3)  
Prerequisite: ART 2400  
Studio focusing on problems and issues in general environmental design.  
Topic to be announced in course schedule.

ART 3440, 3441, 3442 Interior Design Studio (3, 3, 3)

Prerequisite: ART 2400

Studio focusing on problems in contract (commercial) interior design: offices, stores, etc.

ART 4411 Professional Practices (3)

Prerequisite: ART 2400

Business and professional procedures in the practice of interior design.

ART 4413 Design and the Future (3)

Prerequisite: ART 2400

A seminar using articles, films and fiction focusing on how environmental design can affect quality of life in the future, and possible directions for future environments.

ART 4420 Social and Cultural Perspectives in Design (3)

Prerequisite: ART 2400

Seminar on social and cultural aspects of how the environment is shaped, and semio\$ogy of the environment.

ART 4423, 4424 Special Topics in Environmental Design. (3,3)

Prerequisite: Consent of instructor.

Seminars dealing with special topics of current interest in environmental design. Topics will be listed in schedule of courses.

ART 4435, 4436 Preservation, Revitalization and Adaptive Reuse Studio (4, 4)

Prerequisite: ART 2400

A studio focusing on design issues in historic and neighborhood preservation and revitalization, and on adaptive reuse of older structures.

ART 4450, 4451, 4452 Interdisciplinary Environmental Design Studio (3, 3, 3)

Prerequisite: ART 2400

A studio focusing on interdisciplinary design problems and issues, such as product and furniture design, environmental graphics, public and site art, set display design. Topic will be announced in course schedule.

ART 4460, 4461 Comprehensive Environmental Design Studio (4,4)

Prerequisite: ART 2400

A studio working with large-scale environmental design issues, such as urban design, landscape design and large-scale developments. Topics to be announced in course schedule.

Delete the following courses:

ART 2412 Interior Design Graphics (3)

ART 2422 Interior Design Studio I (4)

ART 3411 Interior Furnishings and Materials (3)

ART 3412 Interior Design Studio II (4)

ART 3421 Environmental Factors and Interior Systems (3)

ART 3422 Interior Design Studio III (4)  
ART 4412 Interior Design Studio IV (4)  
ART 4422 Interior Design Studio V (4)  
Bank ART 4421 Seminar in Contemporary Concepts (2)

Page 271, ART 2000 Portfolio Review (0)  
Prerequisites/Corequisites: ART 1005, 1015, 1020, 1030, 1900,  
1901, 1905  
Three survey courses (at least one 3-D and one 2-D), one upper  
level studio.  
Students must take this non-credit course during the semester in  
which they wish to submit a portfolio. Portfolios may be submitted  
during the semester prerequisites/co-requisites are being  
completed.

Changes in Art Degrees by page and line number:

page 266 Under Curriculum for B.F.A. Degree in ART, lines 2 and 3 of first  
paragraph, delete word, "interior/".

Line 10 from bottom of page replace "Interior" with  
"Environmental".

In line 1 of #4, insert "(ART 2000)" after the word "portfolio".

Page 267 After #5, insert:  
6. Environmental Design majors must demonstrate computer literacy  
before graduation by successfully completing a computer course  
or by passing an approved examination. (Programming skill is  
not required.)

Page 267 Delete all of the Curriculum for B.F.A. Degree in ART  
Interior/Environmental Design Major, #1, 2, 3, 4, and 5.

Page 268 Line 1 of #5 in line 3 from top of page, insert "(ART 2000)" after  
the word "portfolio".  
In line 16 from top of page, delete "interior/".  
In line 11 from bottom of page replace "Interior" with  
"Environmental."  
In line 8 from bottom of page, insert: "(ART 2000)" after the word  
"portfolio".