UNIVERSITY CURRICULUM COMMITTEE
October 14, 1999, Meeting Catalog Copy

College of Arts and Sciences

Department of Mathematics:
Pages 294-95:
Revise CSCI 2610, 2611 by consolidating 2611 with 2610
and changing the s.h. credit as follows:

CSCI 2610, 2611. Introduction to Computer Science and
Laboratory II (4,0) (F) (S) (SS) P: CSCI 2510; C for 2610:
CSCI 2611; C for 2611: CSCI 2610. Expression of
computation ... on a computer.

Add new courses (CSCI 4530 and 5000) as follows:

CSCI 4530. Computer Networks and the Internet (3) (F)
P: CSCI 3601 and CSCI major. Theory and case studies of
modern networking protocols and telecommunication
methods. Local area and long-haul networks.

CSCI 5000. Selected Topics in Computer Science (3)
May be repeated for a maximum of 6 s.h. credit with change
of topic. P: CSCI 3510 and CSCI major. Consideration of
new or advanced topics in computer science.

Pages 102-6, BA in Mathematics with Option in Computer
Science, BA and BS in Computer Science, and the Minor in
Computer Science, Revise CSCI 2610, 2611 in these degree
listings as follows:

CSCI 2610, 2611. Introduction to Computer Science and
Laboratory II (4,0) (F) (S) (SS) P: CSCI 2510; C for 2610:
CSCI 2611; C for 2611: CSCI 2610.

(This change increases the core of the minor from 15 s.h. to
16 s.h.)

Department of Physics:
Page 382:
Revise PHYS 3700, 3701 prerequisite as follows:

PHYS 3700, 3701. Advanced Laboratory (3,0) (WI) (F) 1
lecture and 6 lab hours per week. P: PHYS 2360.
Advanced ... requirement.

Pages 109-10, BS in Physics, BSAP, BA in Physics, Revise
to appear as follows:

BS IN PHYSICS

The bachelor of science is a traditional physics program
designed for students interested in graduate study in physics
or engineering. Minimum degree requirement is 126 s.h. of
credit as follows:

1. General education (See Section 6, Undergraduate
Studies, Requirements for Baccalaureate Degree
Programs.), including those listed below 42 s.h.

MATH 1065. College Algebra (3) (F) (S) (SS) (GE:MA)
[P: Appropriate score on mathematics placement test]
or equivalent
CHEM 1150, 1151. General Chemistry and Laboratory
I (3,1) (F) (S) (SS) (GE:SC) [P: Chemistry placement
test or passing grade in CHEM 0150; P/C: MATH 1065]

CHEM 1160, 1161. General Chemistry and Laboratory
II (3,1) (F) (S) (SS) (GE:SC) [P: CHEM 1150, 1151;
RC: MATH 1075 or 1085]

2. Core 40 s.h.
PHYS 1251, 1261. General Physics Laboratory (1,1)
(F) (S) (SS) [C for 1251: PHYS 1250 or 2350; C for
1261:1260 or 2360]

PHYS 2350, 2360. University Physics (4,4) [C for 2350:
MATH 2121 or 2171; P for 2360: PHYS 2350]

PHYS 3700, 3701. Advanced Laboratory (3,0) (WI) (F)
[P: PHYS 2350]

PHYS 4120. Thermodynamics (3) (S2001) [P: PHYS
2350]

PHYS 4226. Mechanics I (3) (F) [P: MATH 2173; PHYS
2350]

PHYS 4310. Modern Optics (3) (F2000) [P: PHYS
2350]

PHYS 4326. Electricity and Magnetism I (3) (F) [P:
PHYS 2350]

PHYS 4416. Modern Physics I (3) (F) [P: PHYS 2350]

PHYS 4417. Modern Physics II (3) (S) [P: PHYS 4416]

PHYS 4560. Mathematical Methods for Physics (3) (S)
[P: MATH 2173; PHYS 2350]

PHYS 4610. Electronics (3) (F1999) [P: PHYS 2350]
3 s.h. of PHYS electives above 2999

3. Cognates .......20 s.h.
MATH 1085. Pre-Calculus Mathematics (5) (F) (S) (SS)
[P: MATH 1065 with a minimum grade of C]

MATH 2171, 2172, 2173. Calculus I, II, III (4,4,4) (F)
(S) (SS) [P: MATH 1085 or 2122 with a minimum grade
of C]

MATH 4331. Introduction to Ordinary Differential
Equations (3) (F) (S) [P: MATH 2173]
(Preeengineering students should see Section 6,
Undergraduate Studies: Preprofessional and Two-Year
Curricula: Two-Year Engineering Curriculum.)

4. Electives to complete requirements for graduation.

BSAP (BS IN APPLIED PHYSICS)

The bachelor of science in applied physics is designed for
students interested in employment in technical fields or in
graduate study in engineering, business, public health,
medicine, environmental science, and related technical fields
depending on elective choices. Minimum degree
requirement is 126 s.h. of credit as follows:

1. General education (See Section 6, Undergraduate Studies, Requirements for Baccalaureate Degree Programs.), including those listed below 42 s.h. MATH 1065. College Algebra (3) (F) (S) (SS) (GE:MA) [P: Appropriate score on mathematics placement test] or equivalent

CHEM 1150, 1151. General Chemistry and Laboratory I (3,1) (F) (S) (SS) (GE:SC) [P: Chemistry placement test or passing grade in CHEM 0150; P/C: MATH 1065]

CHEM 1160, 1161. General Chemistry and Laboratory II (3,1) (F) (S) (SS) (GE:SC) [P: CHEM 1150, 1151; RC: MATH 1075 or 1085]

2. Core 28 s.h.
PHYS 1251, 1261. General Physics Laboratory (1,1) (F) (S) (SS) [C for 1251: PHYS 1250 or 2350; C for 1261:1260 or 2360]

PHYS 2350, 2360. University Physics (4,4) [C for 2350: MATH 2121 or 2171; P for 2360: PHYS 2350]

PHYS 3700, 3701. Advanced Laboratory (3,0) (WI) (F) [P: PHYS 2360]

PHYS 4310. Modern Optics (3) (F2000) [P: PHYS 2360]

PHYS 4416. Modern Physics I (3) (F) [P: PHYS 2360]

PHYS 4417. Modern Physics II (3) (S) [P: PHYS 4416]

PHYS 4610. Electronics (3) (F1999) [P: PHYS 2360] 3 s.h. of PHYS electives above 2999

3. Cognates 20s.h.
MATH 1085. Pre-Calculus Mathematics (5) (F) (S) (SS) [P: MATH 1065 with a minimum grade of C]

MATH 2171, 2172, 2173. Calculus I, II, III (4,4,4) (F) (S) (SS) [P: MATH 1085 or 2122 with a minimum grade of C]

MATH 4331. Introduction to Ordinary Differential Equations (3) (F) (S) [P: MATH 2173]
(Preengineering students should see Section 6, Undergraduate Studies: Preprofessional and Two-Year Curricula: Two-Year Engineering Curriculum.)

4. Electives to complete requirements for graduation.

BA IN PHYSICS

The bachelor of arts is designed for students interested in employment in nontechnical fields or in graduate study in the social sciences, business, and the humanities depending on elective choices. Minimum degree requirement is 126 s.h. of credit as follows:

1. General education (See Section 6, Undergraduate Studies, Requirements for Baccalaureate Degree Programs.), including those listed below 42 s.h.
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MATH 1065. College Algebra (3) (F) (S) (SS) [P: Appropriate score on mathematics placement test] or Equivalent

2. Foreign language through level 1004......................12 s.h.

3.Core 19 s.h.

PHYS 1251, 1261. General Physics Laboratory (1,1) (F) (S) (SS) [C for 1251: PHYS 1250 or 2350; C for 1261:1260 or 2360]

PHYS 2350, 2360. University Physics (4,4) [C for 2350: MATH 2121 or 2171; P for 2360: PHYS 2350]

PHYS 3700, 3701. Advanced Laboratory (3,0) (WI) (F) [P: PHYS 2360]

PHYS 4416. Modern Physics I (3) (F) [P: PHYS 2360]

PHYS 4417. Modern Physics II (3) (S) [P: PHYS 4416]

4. Cognates 17 s.h.

MATH 1085. Pre-Calculus Mathematics (5) (F) (S) (SS) [P: MATH 1065 with a minimum grade of C]

MATH 2171, 2172, 2173. Calculus I, II, III (4,4,4) (F) (S) (SS) [P: MATH 1085 or 2122 with a minimum grade of C]

5. Minor and electives to complete requirements for graduation.

Department of Psychology:
Page 114, BA in Psychology, Revise first sentence under heading as follows:

In order ... GPA of 2.0 and must have completed PSYC 1000, 2101, and 2210.

School of Health and Human Performance

Department of Recreation and Leisure Studies:
Page 392:

Revise RCLS 2000. Introduction to Leisure Services (3) by removing the prerequisite.

Insert New Course:

RCLS 2400. Facilitation and Leadership of Adventure-Based Programs (3) (F) (S) 10 clock hours of lab. Introduction to theory, practice, and delivery of adventure programs.

Page 174, BS in Recreation and Leisure Studies, 2. Core,
Revise RCLS 2000 by removing prerequisite.

Page 176, Recreation and Leisure Studies Minor, 1. Core,
Revise RCLS 2000 by removing prerequisite.

School of Human Environmental Sciences

Department of Child Development and Family Relations:
Page 183, BS in Child Life, 4., Revise RCLS 2000 by
removing prerequisite.

School of Industry and Technology

Department of Planning: