

12-13-1996

SR-96-97-(41) 107 (CC)

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**CURRICULUM COMMITTEE  
RECOMMENDATION**

**SR-96-97-(41) 107 (CC)**

Recommends approval of the following course **ADDITIONS** and **CHANGES** for the **College of Science**:

**A. ADDITIONS** to the curriculum of the Department of Computer Science & Software Development:

- |     |     |     |                                 |         |
|-----|-----|-----|---------------------------------|---------|
| 1.) | CSD | 118 | Intro to Computer Programming I | 4 hours |
| 2.) | CSD | 235 | Web Computing I                 | 3 hours |
| 3.) | CSD | 468 | Image Processing                | 3 hours |

**Rationale:** These are appropriate additions to the Computer Science Department's curriculum.

**B. ADDITIONS** to the curriculum of the Department of Environmental Science:

- |     |    |           |  |             |
|-----|----|-----------|--|-------------|
| 1.) | ES | 100       | Introduction to Environmental Science  | 3 hours     |
| 2.) | ES | 200       | Environmental Science Seminar I        | 2 hours     |
| 3.) | ES | 300       | Environmental Science Seminar II       | 2 hours     |
| 4.) | ES | 280 - 283 | Special Topics                         | 1 - 4 hours |
|     | ES | 480 - 483 |  |             |
| 5.) | ES | 485 - 488 | Independent Study                      | 1 - 4 hours |
| 6.) | ES | 499       | Environmental Science Capstone Project | 1 - 6 hours |

**Rationale:** These courses are appropriate additions to the Environmental Science Department's curriculum.

**C. ADDITION** to the curriculum of the Department of Biological Science:

- |     |     |     |                     |         |
|-----|-----|-----|---------------------|---------|
| 1.) | BSC | 491 | Capstone Experience | 2 hours |
|-----|-----|-----|---------------------|---------|

**Rationale:** This course is an appropriate addition to the Biology Department's curriculum.

D. ADDITION to the curriculum of the Department of Chemistry:

- 1.) CHM 428 Intro to Forensic Science Methods 3 hours

**Rationale:** This course is an appropriate addition to the Chemistry Department's curriculum.

E. ADDITIONS to the curriculum of the Department of Geology:

- 1.) GLY 491 Capstone Experience 2 - 4 hours  
2.) GLY 492 Capstone Experience 2 - 4 hours

**Rationale:** These are appropriate additions to the Geology Department's curriculum.

F. ADDITIONS to the curriculum of the Department of Integrated Science:

- 1.) ISC 200 Energy: from photosynthesis to steam engines 4 hours  
2.) ISC 201 Biotechnology 4 hours  
3.) ISC 202 Freshwaters of the World 4 hours  
4.) ISC 203 Doing Science: The Central Paradigms 4 hours  
5.) ISC 204 Global Warming 4 hours  
6.) ISC 205 Who-done-it: Introduction to Forensic Science 4 hours

**Rationale:** These courses are appropriate additions to the Integrated Science Department's program.

G. CHANGES in the Mathematics Department curriculum:

- 1.) DELETION of:  
a.) MTH 190 Introductory Calculus 5 hours
- 2.) ADDITIONS of:  
a.) MTH 203 Calculus for Business 3 hours

- b.) MTH 301 Sophomore Seminar 1 hour
- c.) MTH 491 Senior Seminar 3 hours

**Rationale:** These are appropriate modifications to the Math Department's curriculum.

**H. CHANGES in the Physics & Physical Science Department curriculum:**

- 1.) The following changes in course number and description:

**From:** PHY 200  
**To:** PHY 101 Conceptual Physics

**From:** PHY 200L  
**To:** PHY 101L Conceptual Physics Lab

**Rationale:** These course are more appropriate at the 100 level.

- 2.) ADDITIONS of:

a.) PHY 491 Capstone 1-2 hours

b.) PHY 492 Capstone 1-2 hours

**Rationale:** These courses are appropriate additions to the Physics Department's curriculum.

**FACULTY SENATE PRESIDENT:**

APPROVED BY SENATE: Elaine Baker DATE: 12-13-96

DISAPPROVED BY SENATE: \_\_\_\_\_ DATE: \_\_\_\_\_

**UNIVERSITY PRESIDENT:**

APPROVED: [Signature] DATE: 1-07-97

DISAPPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_

**COMMENTS:**