

# Integrated Science & Business Major-Water Resources Emphasis (BS degree) CHECKLIST (rev. 04 Jun. '09)

*Note: This document is **not** legally binding. It is intended only to give guidance in planning one's program. The actual sequence of courses taken will vary according to a student's background, course availability and other factors.*

## A. Communication/Calculation Skills

\_\_\_\_ 101 Freshman English (3 u)

\_\_\_\_ 102 Freshman English (3 u)

\_\_\_\_ 110 Speech (3 u)

\_\_\_\_ 141 Intermed. Algebra (3 u)

## B. Quantitative & Technical Reasoning (13-20 u)

\_\_\_\_ LAB SCIENCE COURSE (4-5 u)\*

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\*Two 4-5 credit laboratory science courses from two different disciplines. One of these courses may count toward the Science Core in sec. H.

\_\_\_\_ 152 Elementary Functions (5 u)

\_\_\_\_ 253 Calculus (5 u)

## C. Cultural Heritage (6 u)

\_\_\_\_ 110 World of the Arts (3 u)

\_\_\_\_ 390 World of Ideas (3 u)  
[junior standing]

## D. Communities (6 u)

\_\_\_\_ 130 Individual & Society (3 u)

\_\_\_\_ 140 Global Perspectives (3 u) **OR**  
120 U.S. Exper. in World Context (3 u)

## E. Physical Education (1 u)

\_\_\_\_ 192 Personal Health & Fitness (1 u)

## F. Breadth Electives (6 u)

\_\_\_\_ 201 Microeconomics (3 u)

\_\_\_\_ 202 Macroeconomics (3 u)

## G. Diversity Requirement (3 u) \_\_\_\_\_

## H. Science Requirements (32 u)

### 1. Science Core (20 u)

\_\_\_\_ 141 Intro. Biology I (BIOLOGY; 5 u)

\_\_\_\_ 142 Intro. Biology II (BIOLOGY; 5 u)

\_\_\_\_ 102 Intro. Chemistry I (CHEM; 5 u)

\_\_\_\_ 104 Intro. Chemistry II (CHEM; 5 u)

**OR**

\_\_\_\_ 210 Physical Geography (GEOGRPY; 5 u)

### 2. Water Science Emphasis (12 u)

\_\_\_\_ 257 Intro. Ecology (BIOLOGY; 3 u)

\_\_\_\_ 370 Aquatic Biology (BIOLOGY; 5 u)

\_\_\_\_ 323 Water Resources (GEOGRPY; 3 u)

\_\_\_\_ 252 Human Environmental Problems (GEOGRPY; 3 u) OR relevant 491/496 course approved by Program Coordinator

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## **I. Business Requirements** (36 u)

*For Admission to the College of Business & Economics*

- ✓ Courses completed or in progress: ECON-201, ECON-202, ECON-245, ACCT-244 and ACCT-249 or ACCT-341 or 342.
- ✓ Units completed at entry: 54
- ✓ Overall combined GPA 2.5. BS candidates must maintain a 2.50 overall combined GPA to enroll in business courses after being admitted to the College. A 2.50 overall combined GPA is required for graduation. A 2.50 GPA in the major is required for graduation.

### 1. Business Core (30 u)

- |   |  |
|---|--|
| _____ 244* Accounting Concepts (ACCOUNT; 3 u)   | _____ 311 Princ. Marketing (MARKETNG; 3 u) |
| _____ 245*† Business Statistics (ECON; 3 u)     | _____ 341 Bus. & Comm. Law (FNBSLW; 3 u)   |
| _____ 280 Intro to Info Systems (ITBE; 3 u)     | _____ 344 Business Finance (FNBSLW; 3 u)   |
| _____ 301 Org. Behavior (MANGEMNT; 3 u)         | _____ 353 Business Comm. (ITBE; 3 u)       |
| _____ 306 Operations Management (MANGEMNT; 3 u) |  |

\* In order to take any of the 300 or 400 level beyond the ones indicated with an asterisk (\*), you must first be admitted to the College of Business.

† The pre-req of MA 143 for Econ 245 can be substituted with MA 152 *for BS majors only*, with the permission of the Dept. Chair in Economics.

Choose *one* of the following: \_\_\_\_\_ 249 Managerial Accounting<sup>+</sup> (3 u) OR \_\_\_\_\_ 261<sup>+</sup> Intermediate Accounting I (3 u)

<sup>+</sup> In order to register for these courses you must have at least 24 units and a 2.50 overall combined GPA.

### 2. Water Business Emphasis (6 u)

Choose two of the following.

- \_\_\_\_\_ 471 Natural Resource and Environmental Economics (ECON; 3 u)
- \_\_\_\_\_ 440 Water Law (FNBSLW; 3 u)
- \_\_\_\_\_ 366 Social Responsibility (MANGEMNT; 3 u)

## **J. Integrated Science Management** (SCIBUS 481; 3 u)

*Pre-requisites:* Senior status, completion of SCIBUS 485 and SCIBUS 493. Exceptions with consent of course instructors. MANGEMNT 489 (Administrative Policy) can be substituted.

## **K. Integrated Science-Business Senior Project** (SCIBUS 485; 3 u)

*Pre-requisites:* Senior status and completion of SCIBUS 493. Student *must* have consulted with appropriate science and business faculty as possible advisors for the proposed project at least by midterm of the semester prior to the term in which the senior project will be taken.

## **L. Integrated Science-Business Internship** (SCIBUS 493; 3 u)

*Pre-requisites:* Junior or senior standing, at least 30 u toward the major and a GPA of at least 2.50. Exceptions only with consent of program coordinator. Student *must* have internship arranged at least by midterm of the semester prior to the term in which the internship will be taken. An internship request sheet must be completed and submitted at that time.

## **CONTACT INFORMATION**

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