

**Bachelor of Science-Environmental Engineering**

Date: \_\_\_\_\_

**2013-14** Wilkes University Bulletin

Name: \_\_\_\_\_

WIN: \_\_\_\_\_

**CORE REQUIREMENTS**

English Composition: 4 credits

\_\_\_\_\_ ENG 101 \_\_\_\_\_

Freshman Foundation: 3 credits

\_\_\_\_\_ FYF 101 \_\_\_\_\_

Oral Presentation Option (2 courses)

\_\_\_\_\_ ENV 391 \_\_\_\_\_

\_\_\_\_\_ ENV 392 \_\_\_\_\_

Computer Literacy:

ENV 332 and  
Program course to be approved

Quantitative Reasoning:

\_\_\_\_\_

Distribution Requirements: 24-6=18

Area II credits (6) fulfilled by major

SEE REVERSE SIDE

MINIMUM TOTAL REQUIRED: 134 credits

Major/Minor Requirements: 46 credits

\_\_\_\_\_ CHM 115 \_\_\_\_\_ CHM 113 (4)

\_\_\_\_\_ MTH 111 \_\_\_\_\_ (4)

\_\_\_\_\_ MTH 112 \_\_\_\_\_ (4)

\_\_\_\_\_ MTH 211 \_\_\_\_\_ (4)

\_\_\_\_\_ PHY 201 \_\_\_\_\_ (4)

\_\_\_\_\_ PHY 202 \_\_\_\_\_ (4)

\_\_\_\_\_ EE 211 \_\_\_\_\_ (3)

\_\_\_\_\_ EE 283 \_\_\_\_\_ (1)

\_\_\_\_\_ EGR 201 \_\_\_\_\_ (1)

\_\_\_\_\_ EGM 320 \_\_\_\_\_ (3)

\_\_\_\_\_ ME 180 \_\_\_\_\_ (1)

\_\_\_\_\_ ME 231 \_\_\_\_\_ (3)

\_\_\_\_\_ ME 232 \_\_\_\_\_ (3)

\_\_\_\_\_ ME 321 \_\_\_\_\_ (3)

\_\_\_\_\_ ME 323 \_\_\_\_\_ (1)

\_\_\_\_\_ ME 322 \_\_\_\_\_ (3)

EEES Requirements: 63 credits

\_\_\_\_\_ ENV 205 \_\_\_\_\_ (1) \_\_\_\_\_ ENV 352 \_\_\_\_\_ (3)

\_\_\_\_\_ ENV 305 \_\_\_\_\_ (3) \_\_\_\_\_ ENV 353 \_\_\_\_\_ (3)

\_\_\_\_\_ ENV 315 \_\_\_\_\_ (3) \_\_\_\_\_ ENV 354 \_\_\_\_\_ (3)

\_\_\_\_\_ ENV 321 \_\_\_\_\_ (4) \_\_\_\_\_ ENV 391 \_\_\_\_\_ (1)

\_\_\_\_\_ ENV 322 \_\_\_\_\_ (3) \_\_\_\_\_ ENV 392 \_\_\_\_\_ (2)

\_\_\_\_\_ ENV 330 \_\_\_\_\_ (4) \_\_\_\_\_ EES 202 \_\_\_\_\_ (3)

\_\_\_\_\_ ENV 332 \_\_\_\_\_ (3) \_\_\_\_\_ EES 211 \_\_\_\_\_ (4)

\_\_\_\_\_ ENV 351 \_\_\_\_\_ (4) \_\_\_\_\_ EES 240 \_\_\_\_\_ (4)

\_\_\_\_\_ E.I.T. Exam

\_\_\_\_\_ Free Elective\* \_\_\_\_\_ (3)

\*Note: Must be 101 or higher.

Technical Electives\*\*:

( see Bulletin for elective choices ) (12)

\_\_\_\_\_  
\_\_\_\_\_

\*\*Note: 3 credits of technical electives

must be EES 271 or EES 272

At least 1 technical elective must be ENV.

## **B.S. Degree in Environmental Engineering**

### **DISTRIBUTION REQUIREMENTS = 24 CREDIT HOURS**

#### **AREA I THE HUMANITIES (9 credits)**

- \_\_\_\_\_ ENG 120 - Introduction to Literature
- \_\_\_\_\_ HST 101 - The Historical Foundations of the Modern World
- \_\_\_\_\_ FOREIGN LANGUAGE - at level of competence
- OR
- \_\_\_\_\_ PHL 101 - Introduction to Philosophy

(Students may request, through their academic advisors, a course substitution within this Area. For more details on course substitution policies, contact the Office of the Dean of the College of Arts, Sciences and Professional Studies.)

#### **AREA II SCIENTIFIC WORLD (6 credits)**

\*\*\* FULFILLED BY THE MAJOR \*\*\*

#### **AREA III THE SOCIAL SCIENCES (6 credits)**

(Each of the following courses is three (3) credit hours. Students must complete two (2) of the five courses listed below:

- \_\_\_\_\_ ANT 101 - Introduction to Anthropology
- \_\_\_\_\_ EC 102 - Principles of Economics II
- \_\_\_\_\_ PS 111 - Introduction to American Politics
- \_\_\_\_\_ PSY 101 - General Psychology
- \_\_\_\_\_ SOC 101 - Introduction to Sociology

(Students may request, through their academic advisors, a course substitution within this Area. For more details on course substitution policies, contact the Office of the Dean of the College of Arts, Sciences and Professional Studies.)

#### **AREA IV THE VISUAL & PERFORMING ARTS (3 credits)**

(Each of the following courses is three (3) credit hours. Students must complete one (1) of the four courses listed below:

- \_\_\_\_\_ ART 101 - Experiencing Art
- \_\_\_\_\_ DAN 100 - Dance Appreciation=Comprehensive Dance Forms
- \_\_\_\_\_ MUS 101 - Introduction to Music I
- \_\_\_\_\_ THE 100 - Approach to Theatre

Through successful audition and written permission of the Chairperson of the Department of Visual and Performing Arts, students may substitute three (3) hours of performance/studio experience for the above requirement.

#### **FRESHMAN FOUNDATIONS (3 credits)**

Each Freshman Foundations course will provide techniques that assist first-year students in achieving long term academic success at Wilkes University. Specifically, each of these courses will help develop the student's critical thinking skills, provide techniques for the effective evaluation and utilization of information resources, and aid the student in making the necessary academic transition from high school to the collegiate level.

**NOTE:** Students who have completed twenty-three (23) or fewer credit hours when they matriculate at the University are required to complete an FYF course during their first semester. All students who have completed more than twenty-three (23) credit hours when they matriculate at the University are not eligible to take a FYF course. A student may obtain academic credit towards graduation for only one (1) FYF course.

**Note:** The Bulletin should be used for the detailed explanation of General Education requirements.