

AS-Mechanical Engineering Concentration

IDN: _____ Printed Name: _____

Major Code: 3020 Concentration Code: C050

This degree is not available in a guaranteed 8-semester plan for qualified freshmen. **See your advisor to declare your major and sign an official degree plan**

The prerequisites and corequisites of the degree requirements are subject to change.

| FRESHMAN YEAR- FALL SEMESTER: 15 hours | | | | FRESHMAN YEAR- SPRING SEMESTER: 15 hours | | | |
|--|--|-------|-------|--|--|-------|-------|
| Hrs | Courses | Notes | Grade | Hrs | Courses | Notes | Grade |
| 4 | CHEM 1403/1401 College Chemistry I/Lab | | | 1 | ENGN 1121 Introduction to Engineering II | 2 | |
| 1 | ENGN 1111 Introduction to Engineering I | 2 | | 4 | MATH 2854 Calculus II | 2 | |
| 4 | MATH 2804 Calculus I | | | 4 | PHYS 2903/2911 University Physics I/Lab | | |
| 3 | English Composition req | 1 | | 3 | English Composition req | 1 | |
| 3 | History/Government req | 1 | | 3 | Fine Arts/Humanities/Social Sciences req | 1 | |
| | | | | | | | |
| SUMMER I TERM – 4 hours | | | | SUMMER II TERM – 3 hours | | | |
| Hrs | Courses | Notes | Grade | Hrs | Courses | Notes | Grade |
| 4 | MATH 2904 Calculus III | 2 | | 3 | SPCH 1203 Introduction to Speech Comm | | |
| SOPHOMORE YEAR – FALL SEMESTER: 15 hours | | | | SOPHOMORE YEAR – SPRING SEMESTER: 15 hours | | | |
| 2 | CGT 1302 Graphics for Engineers | 2 | | 3 | ENGN 2763 Dynamics | 2 | |
| 3 | ECON 2803 Principles of Macroeconomics | | | 3 | ENGN 2803 Thermodynamics | 2 | |
| 3 | ENGN 2753 Engineering Statics | 2 | | 3 | MEEG 2103 Introduction to Machine Analysis | 2 | |
| 3 | MEEG 2303 Introduction to Materials | 2 | | 3 | Fine Arts/Humanities/Social Sciences req | 1 | |
| 4 | PHYS 2923/2931 University Physics II/Lab | | | 3 | Fine Arts/Humanities/Social Sciences req | 1 | |
| Total Hours: 67 | | | | | | | |
| NOTES | | | | | | | |
| 1: General education requirements, see graduation requirements section of the catalog. Follow requirement with the following stipulations: social sciences-ECON 2803 is required and select one courses from the list. | | | | | | | |
| 2: These courses are used to determine major courses in residency. | | | | | | | |
| Note: many universities require MATH 3214 Differential Equations for junior standing. | | | | | | | |
| Prior to graduation students must demonstrate competency in financial literacy by satisfactory completion of FIN 1521 Personal Finance Applications (or an approved substitution) with a grade of C or better, or by a score of 70% or more on a challenge exam for FIN 1521. | | | | | | | |

Transfer Course Information

The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credits and the equitable treatment of the application of credits for the admissions and degree requirements. Courses transferability is not guaranteed for courses listed in ACTS as "No Comparable Courses." ACTS-Arkansas Course Transfer System <http://acts.adhe.edu> -select Course Transfer. See Acceptance of Transfer Credits section of the current academic catalog for a complete list of transfer provisions.

Student Degree Program Requirements

A student's degree program requirements are those specified in the catalog in effect at the time of declaration of program major. Students must meet the above program requirements and the graduation requirements as indicated by institutional and college policy. The program can be changed only with the approval of the official advisor.

If original courses are eliminated, students may be required to meet new curriculum requirements in the degree program. If students are not enrolled for two or more consecutive terms (excluding summer terms), they must re-enter under the program requirements of the current catalog. Students are responsible for understanding program requirements and changes. This document is not official until signed and dated by both the student and an authorized university representative.

Student Signature _____ Date _____

Advisor Signature _____ Date _____