

Program Change Request

Date Submitted: 04/06/17 10:58 am

Viewing: **ENGR Acad Regs : ENGR College Academic Regulations**

Last approved: 04/21/15 2:30 pm

Last edit: 05/11/17 10:22 am

Changes proposed by: ndennis

In Workflow

1. ENGR Dean Initial
2. Director of Program Assessment and Review
3. Registrar Initial
4. ENGD Chair
5. ENGR Curriculum Committee
6. ENGR Faculty
7. ARSC Dean
8. ENGR Dean
9. Global Campus
10. Provost Review
11. University Course and Program Committee
12. Faculty Senate
13. Provost Final
14. Provost's Office-- Notification of Approval
15. Registrar Final
16. Catalog Editor Final

Approval Path

1. 04/06/17 11:00 am
ndennis: Approved for ENGR Dean Initial
2. 04/06/17 3:06 pm
agriffin: Approved for Director of Program Assessment and Review
3. 04/10/17 3:14 pm
lkulcza: Approved for Registrar Initial
4. 04/10/17 3:17 pm
ndennis: Approved for ENGD Chair

5. 05/05/17 1:03 pm
rossetti: Approved for
ENGR Curriculum
Committee
6. 05/11/17 10:22 am
ndennis: Approved for
ENGR Faculty
7. 05/11/17 11:22 am
jdurdik: Approved for
ARSC Dean
8. 05/12/17 2:30 pm
ndennis: Approved for
ENGR Dean
9. 05/16/17 11:14 am
kbible: Approved for
Global Campus
10. 05/16/17 4:02 pm
tmartin: Approved for
Provost Review

History

1. Apr 21, 2015 by
kbullard

Catalog Pages Using this Program [College of Engineering](#)

Submitter:	User ID: kbullard Phone: 53053
Academic Level	Undergraduate
Select a reason for the proposed change:	Making Minor Changes to an Existing Degree (e.g. changing 15 or fewer hours, changing admission/graduation requirements, adding Focused Study)
Program Status	Active
Academic Unit	Policy
Effective Catalog Year	Fall 2018 2014
College, School, Division	College of Engineering (ENGR)
Department Code	Department of Engineering Dean (ENGD)
Program Code	ENGR Acad Regs
Degree	Not Applicable

CIP Code	46.9999 - Construction Trades, Other.
Program Title	ENGR College Academic Regulations
Method of Delivery	On Campus
Is this program interdisciplinary or use courses from another College?	Yes Select all that apply: ARSC
Does this change the total hours needed to complete the program?	No

Program Requirements, Description and 8-Semester Plan

College Academic Regulations

Students are expected to keep themselves informed concerning current regulations, policies, and program requirements in their fields of study and must meet all requirements of the degree programs in which they are enrolled. Courses that are modified or added to a curriculum and that are incorporated into the curriculum at a level beyond that at which a student is enrolled may become graduation requirements for that student. Courses that are incorporated into the curriculum at a level lower than the one at which the student is enrolled are not required for that student.

Eligibility

Only students enrolled in the College of Engineering or enrolled in programs in which curricula require engineering courses will be allowed to take engineering courses. Exceptions to this requirement must be approved by the dean of engineering. This does not apply to graduate students.

Code of Ethics

Students in the College of Engineering are obligated to comply with pertinent provisions of the Code of Ethics applicable to professional practice following graduation. The Code requires “honesty, impartiality, fairness, and equity,” and “adherence to the highest principles of ethical conduct.” Most particularly, it states that engineers shall:

1. Be objective and truthful in professional reports, statements, or testimony;
2. Not falsify or permit misrepresentation of their academic or professional qualifications;
3. Give credit for engineering work to those whom credit is due;
4. Not compete unfairly with other engineers by attempting to obtain employment or advancement by improper or questionable methods;

5. Avoid any act tending to promote their own interest at the expense of the dignity and integrity of the profession.

Degree Requirements

The basic requirement for a Bachelor of Science degree in engineering is 124-128 semester hours of academic work, depending on the career field chosen. Students coming from high school with adequate preparation will be able to satisfy this requirement in eight semesters; however, some students require preparatory courses, and others choose to enroll in slightly lighter loads and graduate in nine or ten semesters. Students enrolled in ROTC require an additional 19 semester hours to meet all graduation requirements and graduate in ten semesters (five years).

Engineering is a rapidly changing profession, and the departmental curricula are updated continuously to keep pace with these changes. Students entering under this catalog will be required to comply with such curriculum changes to earn their degree. However, the total number of semester hours required for the degree may not be increased, and all work completed in accordance with this catalog prior to the curriculum change will be applied toward the student's degree requirements. Former students of the college must meet the curriculum requirements in effect at the time of their readmission.

Graduation Requirements

In addition to university requirements for enrollment and graduation, the College of Engineering has these additional requirements. Individual departments may have additional requirements.

1. **Grade-Point Average** – A candidate for a degree from the College of Engineering must have earned a grade-point average of no less than 2.00 on all courses in the student's major area of study.
2. **Courses That Do Not Count Toward a Degree** – The following courses, which may be required, do not count toward degree credit for Bachelor ~~of Science~~ degrees in the College of Engineering: MATH 1203, MATH 1203C, MATH 1204, MATH 1213, GNEG 1514, GNEG 1515 and MATH 1284C or their equivaents. ~~and MATH 1284C.~~
3. **"D" Rule** – No student will be allowed to graduate if the student has "D" grades in more than 8 hours presented to meet the requirements for a degree.
4. **Transfer of Courses** – Advanced (3000- and 4000-level at the University of Arkansas) engineering courses may not normally be transferred from institutions that do not have programs accredited by the Engineering Accreditation Commission.
5. **Resident Requirements** – A candidate must earn a minimum of 20 credit hours at the 3000 level and above in the College of Engineering from the University of Arkansas.
6. **University Core (State Minimum Core)** – The University of Arkansas has adopted a University Core of 35 semester-credit-hours of general education courses that are required of all baccalaureate degree candidates. This is in compliance with Arkansas Act 98 of 1989 and the subsequent action of the Arkansas State Board of Higher Education. Beginning in the fall semester of 1991, all state institutions of higher education in Arkansas have a 35-hour minimum core requirement with specified hours in each of six academic areas. The university and the College of Engineering have identified those courses that meet the minimum requirement, and they are listed in the chart below.

Specific University Core Requirements for Engineering Students

English

<u>ENGL 1013</u>	Composition I (ACTS Equivalency = ENGL 1013) (Sp, Su, Fa)	3
<u>ENGL 1023</u>	Composition II (ACTS Equivalency = ENGL 1023) (Sp, Su, Fa)	3
Mathematics		
<u>MATH 2554</u>	Calculus I (ACTS Equivalency = MATH 2405) (Sp, Su, Fa)	4
Science		
<u>PHYS 2054</u>	University Physics I (ACTS Equivalency = PHYS 2034) (Sp, Su, Fa)	4
Select one of the following:		4
<u>PHYS 2074</u>	University Physics II (ACTS Equivalency = PHYS 2044 Lecture) (Sp, Su, Fa)	
<u>CHEM 1123</u> & <u>CHEM 1121L</u>	University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) (Sp, Su, Fa) and University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab) (Sp, Su, Fa)	
<u>BIOL 1543</u> & <u>BIOL 1541L</u>	Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) (Sp, Su, Fa) and Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab) (Sp, Su, Fa)	
U.S. History or Government		
Select one of the following:		3
<u>HIST 2003</u>	History of the American People to 1877 (ACTS Equivalency = HIST 2113) (Sp, Su, Fa)	
<u>HIST 2013</u>	History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123) (Sp, Su, Fa)	
<u>PLSC 2003</u>	American National Government (ACTS Equivalency = PLSC 2003) (Sp, Su, Fa)	
Fine Arts, Humanities and Social Sciences		
Fine Arts *		3
Humanities *		3
Social Sciences *		9
Total Hours		36
* Must be selected from the university-approved list of lower level Humanities, Fine Arts and Social Science courses found in the main <u>University Core</u> list.		

Minors in Other Colleges and Schools

Students in the College of Engineering may pursue an academic minor in other colleges. For example, a minor in business is popular among engineering students. For requirements regarding minors, check the catalog listing for the department offering the minor. Students must notify the College of Engineering dean's office of their intent to pursue a minor.

Requirements to Graduate with Honors

Students who have demonstrated exceptional academic performance in baccalaureate degree programs will be recognized at graduation by the honors designation of *cum laude*, *magna cum laude*, or *summa cum laude*. To earn this designation, the student must meet the following criteria:

1. Must have completed at least one-half of his or her degree work at the University of Arkansas;
2. Must have at least a 3.50 GPA on University of Arkansas course work, computed at graduation (students with grade-point averages lower than 3.50 do not receive honors designation at graduation);

3. Must successfully complete the Engineering Honors Program, which includes a minimum of 12 hours of honors courses (at least 6 of these hours in engineering), an undergraduate research experience and thesis, and any additional departmental requirements;
4. Research and thesis material shall be evaluated by each department;
5. For *cum laude*, the student must achieve a GPA of 3.50 or higher and have good or better performance on the undergraduate research and thesis;
6. For *magna cum laude*, the student must achieve a GPA of 3.75 or higher and have good or better performance on the undergraduate research and thesis;
7. For *summa cum laude*, the student must achieve a GPA of 3.90 or higher and have outstanding performance on the undergraduate research and thesis.

The criteria may be evaluated and changed periodically by the College of Engineering.

Are Similar Programs available in the area? No

Estimated Student Demand for Program: NA

Scheduled Program Review Date: NA

Program Goals and Objectives: NA

Learning Outcomes: NA

Description and justification of the request:

Some of these course were being used for degree credit in the BA - Computer Science program. It has been the intent of the college for some time that these courses are considered remedial and should not count toward a degree in any program in the college of engineering.

Program reviewer comments

agriffin (04/06/17 3:05 pm): Due to the campus approval timeline, changed effective catalog year to fall 2018.
ndennis (05/11/17 10:14 am): Added new course numbers for the various versions of the same remedial math courses.
ndennis (05/11/17 10:15 am): formatting change
ndennis (05/11/17 10:20 am): Added GNEG courses equivalent to MATH 1284
ndennis (05/11/17 10:22 am): added equivalents

Uploaded attachments:

Key: 491