

Washington State University
MAJOR CHANGE FORM - - REQUIREMENTS
 (Submit original signed form and ten copies to the Registrar's Office, zip 1035.)
 See www.ronet.wsu.edu/ROPubs for this form.

Department Name Engineering Science Degree Program

1. CHECK PROPOSED CHANGES.

- * Change department/program name from _____ to _____
- * New degree or program in _____
- * Change name of degree from _____ to _____
- * Drop degree or program in _____
- New Major in _____
- Change name of Major from _____ to _____
- Revise Major requirements in PhD in Engineering Science
- Drop Major in _____
- Revise certification requirements for the Major in _____
- New Option in _____
- Revise requirements for the Option in _____
- Drop Option in _____
- New Minor in _____
- Revise Minor requirements in _____
- Drop Minor in _____
- New Undergraduate Certificate in _____
- Revise Undergraduate Certificate requirements in _____
- Drop Undergraduate Certificate in _____
- Other _____

Effective year: Fall 2,011 (effective date must be a fall semester and cannot be retroactive)

Contact Person	Contact Phone No.	Contact email

2. GIVE REASONS FOR EACH REQUEST MARKED ABOVE. (Attach additional paper if necessary; see reverse side.) See attachment.

4. SIGN AND DATE APPROVALS.

 9/23/2010
  9/24/10

Chair Signature/date Dean Signature/date General Education Com/date

 Catalog Subcom/date Academic Affairs Com/date Graduate Studies Com/date Senate/Date

We propose the reduction of required graded, graduate level credits from 34 to 15, to match the current minimum recently approved by the graduate school and Faculty Senate. These courses must be graduate level courses in the areas of Engineering or Sciences, being offered by the College of Engineering and Architecture, College of Sciences, or the College of Agriculture, Natural and Human Resources, and be approved by the student's advisor and the Engineering Science Graduate Committee Chair.

Because it is an interdisciplinary program, the Engineering Science program provides maximum program flexibility. This allows faculty to tailor a program that meets the specific needs of both the student and the multiple faculty members' research. Each student seeking this interdisciplinary degree needs to plan a carefully crafted program of graduate level Engineering and Science courses to provide the knowledge needed for the specific research that is planned. Depending on the background of each student, more courses in one area or another may be needed, or specific training on an instrument or a specific discipline. A student planning research in Bioengineering/Environmental Engineering will have a program that is very different from a student planning on Engineering Education research.

This program allows students the ability to earn a degree in a combination of areas, where degree programs cannot exist due to the nature of the crossing of disciplines. Since having a degree program for each student is impractical, this program allows the flexibility to model each program for each student. Implementing the requirement for fewer credits provides students more flexibility, letting each of them devote more time to research and writing a dissertation, and reducing the time to degree, thus allowing us to graduate a larger number of PhD students.

No specific courses are listed as required due to the differing nature of each degree sought, and each program is set individually by the student's advisor and approved by the Engineering Science Graduate Committee Chair.

All other requirements listed in chapter 8 section B of the Graduate School Policies and Procedures Manual must still be met.