**SENATE PROGRAM PROPOSAL FORM** for:

- **CHECK ONE:** Add, Change, Combine, Drop, Archive
- **CHECK ONE:** Degree program, Minor, Certificate, Emphasis area

From: ______________________  Approved By: ______________________  Date: _________________

Department  Department Chair  Date: _________________

UMSL/WU Joint Undergraduate  Dr. Bernard Feldman  Date: _________________

From: ______________________  Approved By: ______________________  Date: _________________

School or College  Dean  Date: _________________

**Title of Degree, Minor, or Certificate Program:** Bachelor of Science in Civil Engineering, Bachelor of Science in Electrical Engineering, Bachelor of Science in Mechanical Engineering

Page(s) and year **2012-2013** of the current Bulletin listing.

If other departments are affected by this proposal, please secure “sign-offs” and indicate for each department the following:

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<th>Department</th>
<th>Contact Person</th>
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**Current Bulletin listing:**

**Proposed Bulletin listing:**

**Rationale:** Changes reflect the newest requirements from the University of Missouri-St. Louis.

**Humanities and Social Sciences Electives**
The student's choice of humanities and social sciences electives must meet both the UMSL General Education Requirements and the Humanities and Social Sciences Requirements of the Joint Undergraduate Engineering Program. Check with your adviser for details. In particular:

- Three courses in the humanities and 3 courses in social sciences must be taken.
- One of the social sciences must be a course in American history or government or in Missouri history or government.
- One of the humanities or social science courses must be at the junior level or above.
- The cultural diversity requirement must be fulfilled.
- Some courses that fulfill the humanities [H] or social sciences [SS] breadth of study requirement do not count as Humanities.

**General Education Requirements**

- PHIL 2259, Engineering Ethics, PHIL 3380, Philosophy of Science and one additional Humanity.
- HIST 1001, HIST 1002 or HIST 1004, American History and two additional Social Sciences.
- One course must meet the Cultural Diversity requirement, and one course must meet the engineering Valuing Skill requirement.
- Humanities and social sciences electives must meet both the University of Missouri-St. Louis General Education Requirements and the Humanities and Social Sciences Requirements of the Joint Undergraduate Engineering Program. Check with your adviser for details.
and Social Sciences Electives; an example would be a statistics course taught in economics or psychology. See the Office of the Joint Undergraduate Engineering Program for a listing of courses that do not count as Humanities or Social Sciences Electives in this program, or check with your advisor.