

SEP 26 2014

**UNIVERSITY OF KENTUCKY
REQUEST FOR CHANGE IN MASTERS DEGREE PROGRAM**

OFFICE OF THE
SENATE COUNCIL

Program: Manufacturing Systems Engineering

Department/Division: Mechanical Engineering

College: Engineering Bulletin pp: _____

Degree Title (Old): Manufacturing Systems Engineering Major (New): Manufacturing Systems Engineering

CIP Code: 14.3601 (or 14.1701 Industrial/Mfg Engr) HEGIS Code: 0913.00

Accrediting Agency (if applicable): ABET accreditation (optional)

I. CHANGE(S) IN PROGRAM REQUIREMENTS

	<u>Current</u>	<u>Proposed</u>
1. Number of transfer credits allowed (Graduate School limit: 9 hours or 25% of coursework)	9	9
2. Residence requirement (if applicable)	N/A	N/A
3. Language(s) and/or skill(s) required	N/A	N/A
4. Termination criteria	Graduate school	Graduate School
5. Plan A requirements*	24 hours plus thesis (6)	24 Hours plus thesis (6)
6. Plan B requirements*	30 hours plus 3 hr project	30 hours
7. Distribution of course levels required (At least one half must be at 600+ level & two thirds must be in organized courses)	per graduate school	per graduate school
8. Required courses (if applicable)	MFS505, MFS605, MFS 606, MFS 611	MFS 505, MFS 507, MFS 606, MFS 613
9. Required distribution of courses within program (if applicable)	4 core, 4or 6 electives plus thesis or project	remove project course
10. Final examination requirements	Oral on thesis or project	Oral on thesis; for non-thesis, final exam at discretion of committee

the project will be part of the final exam the format of which will be at the discretion of the final exam committee of the student and to be approved by DGS

* If there is only one plan for the degree, plans involving a thesis (or the equivalent in studio work, etc.) should be discussed under Plan A and those not involving a thesis should be discussed under Plan B.

NOTE: To the extent that proposed changes in 5, 6 or 8 above involve the addition of courses in other programs, please submit correspondence from the other program(s) pertaining to the availability of such courses to your students.

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11. Any other requirements not covered above
Electives are chosen from the list of electives, to provide an emphasis in Products, Manufacturing Processes or Manufacturing Systems with an overall emphasis on Sustainable Manufacturing. A maximum of two MFS 780 courses are allowed and the non-thesis students will use one of them to complete a project.

II. **RATIONALE FOR CHANGE(S)**

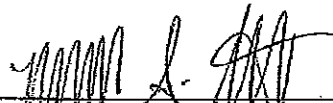

If the rationale involves accreditation requirements, please include specific references to those requirements.

The program changes are in response to changing demands for masters degree programs in manufacturing and increasing importance of sustainable manufacturing
The project is removed as a separate course but will be continue to be required as part of the final-exam, as described in '10' above.

Signatures of Approval:

11/7/2013
 Date of Approval by Department Faculty

03/04/2014
 Date of Approval by College Faculty



 Reported by Department Chair - MFS Program

 Reported by College Dean

Faculty Advisory
 Committee

*Date of Approval by Undergraduate Council

Reported by Undergraduate Council Chair

*Date of Approval by Graduate Council

Reported by Graduate Council Chair


*Date of Approval by Health Care Colleges Council (HCCC)

Reported by HCCC Chair

*Date of Approval by Senate Council

Reported by Senate Council Office

*Date of Approval by University Senate

Reported by Senate Council Office

*If applicable, as provided by the Rules of the University Senate

ACTION OTHER THAN APPROVAL