

The University Senate of Michigan Technological University

PROPOSAL 10-00

APPROVAL OF MINORS IN DEGREE PROGRAMS

The Curricular Policy Committee has reviewed the proposals for the minors listed below and found them to comply with Senate Proposal 16-97. We recommend that the Senate approve these proposals as they have been edited by the Curricular Policy Committee in consultation with the sponsoring departments as of this date. None of the proposed minors would appear to require new resources from the University as all utilize existing courses. A possible exception to this is the Interdisciplinary Minor in Remote Sensing. The proposal calls for any additional costs to be paid by the Remote Sensing Program. The proposals are available for review by contacting the Senate Office.

In interpreting Proposal 16-97, the Committee has made the following operative rules:

- Minors may include more than 6 semester hours of required 1000 and 2000 level courses but only if the total hours required for the minor is directly increased from the minimum of 16; e.g., a minor may require 9 hours of lower division course work if it requires a total of 19 hours.
- A minor may contain no more than 3 hours of courses listed as independent study, project, or research. This interpretation reflects the Committee's view that 13 hours of formal course work is a minimum necessary in most areas to give an introduction to a topic in which a minor is offered. It is also consistent with part of the rationale under which the proposal for minors was initially approved, namely that minors would increase teaching efficiency by increasing the population of upper division courses.

Minors Recommended for Approval

Sponsoring Department: Social Sciences
American Studies
Historical Studies
Environmental Studies
International Studies
Social and Behavioral Studies

Sponsoring Department: Mining Engineering
Mining

Sponsoring Department: Physics
Physics
Astrophysics

Sponsoring Department: Geological Engineering and Sciences
Earth Sciences
Geological Engineering

Sponsoring Department: Interdisciplinary
Remote Sensing

Sponsoring Department: Humanities
Communication Studies
Ethics and Philosophy
Journalism

Sponsoring Department: Education
Psychology

Sponsoring Department: Fine Arts
Music (This is a three track minor under which students select one of three tracks: General Music, Music Technology, or Jazz Idiom.)
Presentation
Theatre Arts
Technical Theatre
Art

Sponsoring Department: Computer Science
Computer Science

Sponsoring Department: Military Science
Military Arts and Science

Sponsoring Department: Air Force ROTC
Aerospace Studies

Sponsoring Department: Mathematical Sciences
Mathematical Sciences

Sponsoring Department: Materials Science and Engineering
Electronic Materials
Mineral Processing
Structural Materials

Sponsoring Department: School of Business and Economics
Economics

Sponsoring Department: School of Forestry and Wood Products
Wood Science

Sponsoring Department: Biological Sciences
Biological Sciences (This is a two track minor with one track in organismal biology and one in cellular and genetic organization of living systems.)
Microbiology
Biochemistry

Sponsoring Department: Interdisciplinary, cosponsored by Biological Sciences and SFWP
Ecology
Plant Biotechnology
Plant Sciences

Sponsoring Department: Chemistry
Chemistry

Adopted by Senate: April 26, 2000
Approved by President: May 8, 2000

