

University of Wisconsin Oshkosh
FORM A (Effective February 2003, Revised December 2005)
COURSE ACTION ROUTING SHEET (Fill out both sides)

- * If this proposal applies to new or revised Plan (Major/Minor/Emphasis/Option/Certification), use **FORM C**
- * If this is a Trial Course, also fill out the **TRIAL COURSE ATTACHMENT**
- * If this proposal applies to General Education, also fill out **GENERAL EDUCATION ATTACHMENT**
- * Separate forms must be completed for components with different catalog (course) numbers

 *X NEW COURSE: Complete entire FORM and attach syllabus.
 *See rationale for explanation

PS course ID
Offering Number
Subject
Course Number

COURSE REVISION: Check all that apply-complete only appropriate section(s)

<u> </u> Catalog Number Change	<u> </u> Convert to U/G (dual level)
<u> </u> Units (Credits)	<u> </u> Course Deletion
<u> </u> Course Title (include 30-char. abbrev.)	<u> </u> Grading Basis
<u> </u> Course Description	<u> </u> Course Component
<u> </u> Prerequisites	<u> </u> Other (describe)

EFFECTIVE DATE: Spring 2007 (Term/Year)

Department: Interdisciplinary Studies **Catalog Number:** 353 **Units** (Credits Earned) 3-4 credits

STOP Before proceeding, call Registrar's Office at 4160 for catalog number verification/approval.

Course Title: Special Topics: Math/Science

30-Character Abbreviation (for new course or title change): Special Topics: Math/Science

Course Description [to appear in University Catalog (bulletin)]: Variable content course dealing with issues within Math and Science. Emphasis will be placed upon topics that cut across several of the physical sciences/math disciplines. Offerings of this course for 4 credits includes a laboratory component.

Prerequisites (if any) [to appear in University Catalog (bulletin)]:

For Variable Units (credits) per course offering: Minimum Units (credits) 3 Maximum Units (credits) 4

Repeatable for Credit? No Yes If yes, maximum total units (credits): 8

Grading Basis: Letter Grade Pass/Fail

Check which components this course includes (check all lines that apply): (components may or may not include laboratory/Studio)

<input checked="" type="checkbox"/> Lecture	<u> </u> Discussion*	<u> </u> Independent/Individual Instruction
<input checked="" type="checkbox"/> Laboratory/Studio	<input checked="" type="checkbox"/> Field Experience	<u> </u> Seminar/Colloquia

How many class hours (per week) are assigned to each of the above checked components? 42 total class hours per semester (for 3 credit offering)– distribution among components may vary. 28 additional hours of laboratory activity required for 4 credit offering.

<u> </u> Lecture	<u> </u> Discussion*	<u> </u> Independent/Individual Instruction
<u> </u> Laboratory/Studio	<u> </u> Field Experience	<u> </u> Seminar/Colloquia

*Only should be checked if the Discussion component is separate from the Lecture component – most Lecture components include some general discussion. **Laboratory component will only apply to offerings of this course for four credits.

NOTE: All checked components must be included in scheduling process. (See next page.)

Lecture – An instructional method in which the instructor presents data and little discussion occurs.

Laboratory/Studio – Independent activity by a student with a group under faculty supervision in a room with special equipment.

Discussion – Attention of all members to one performance but group interaction occurs frequently. Include problem hours here.

Independent/Individualized Instruction – All course-sections with an enrollment of one student. Independent Study, Thesis, Comprehensive Exam, and music lessons.

Field Experience – Instruction generally occurs in a non-classroom setting. Sections are determined by the span of supervision of a particular faculty member rather than the meeting time and place. Examples include Student Teaching, Internship, Clinical Experience, and Field Work (where that represents the total contact of the course).

Seminar/Colloquia – A group of advanced students at the undergraduate or graduate level studying with a faculty member (or, in the case of colloquia under the leadership of several faculty members) and exchanging the results of their research through discussion, reports, etc.

Type of Course: General Education (requires APGES Committee approval) Trial Course
 Undergraduate Graduate Combined U/G (dual level)

Cross Listed? No Yes If yes, list course(s)

Objectives of course: Objectives will be determined by the instructor

Outline of course content (attach syllabus): Variable; To be reviewed by the Math/Science Division for general education credit approval prior to each offering. Offerings of 3 credits include a mixture of lecture and field activities, offerings of 4 credits also include a laboratory component.

Are new resources required? No

Will this course become a component in an existing program (major, minor, emphasis, option, certification)?

No If yes, please explain.

NOTE: If this course is merely being added to an approved list (i.e., add this course to the list of approved electives), you do NOT need to file a Form C. If however this course will change a current program (major, minor, emphasis, option, certification), you MUST fill out Form C (i.e., add this course as a requirement for the major, etc.)

Course content related to other curricula:

- Is content of this course a duplication of course material already offered with the department, between departments, and/or between colleges? If so, has the duplication been discussed with the other unit, and what is the rationale for offering both courses?
- Is course to apply to a major, minor, emphasis, option, certification outside the initiating unit? If so, a written statement from applicable department(s) should attest that the course would be accepted in that program.

Prior to the initiation of the approval process, please contact the Registrar's office at 3007 for consultation about possible impact of proposed changes.

Registrar: _____ Date: _____

APPROVALS

Department Chair(s): _____ Date: _____

Division Chair: _____ Date: _____

Curriculum Comm. Chair: _____ Date: _____

Dean/College: _____ Date: _____

AVC Graduate School: _____ Date: _____

APGES Committee Chair (if applicable): _____ Date: _____

Provost and Vice Chancellor: _____ Date: _____

Chancellor: _____ Date: _____

[Cross-listed courses require both/all Department Chair signatures. Chair and Dean signatures signify qualified instructional staff, adequate student demand & facilities, appropriate equipment & materials, consideration of exceptional course fees (above \$20), approval of college/school curriculum committee (if applicable), and communication with other affected units.]

Rationale:

By assigning discipline related course numbers to the special topics course in Interdisciplinary Studies, the issue of general education credit can be clearly addressed. Currently, INTRDSCP 350 exists for all disciplines. However, having a single course number apply to courses that vary in disciplinary content across divisions and, therefore, vary in general education applications is confusing. Thus, establishing several special topics courses, each with a number linked to a specific division, would clearly indicate how the course would be counted, clarifying the matter for both students and the Registrar's office.

It is proposed that the Math/Science Chairs, upon review of specific course syllabi, will determine whether a course may be taught using this new special topics number, approved to meet the University and College's math or natural science requirement. ***This course will meet a natural science general education requirement only if it is taken for 4 credits, and the only special topics course that will be offered for four credits will require a minimum of 28 hours of laboratory activity.*** It should be noted that approval of course content for special topics courses normally takes place at the department level, with the understanding that the approved content meets the requirement linked to the special topics course number. Interdisciplinary Studies courses, however, are not tied to a particular department and often involve more than one area of study within a division. Thus, the Math/Science Division Chairs will assume responsibility for approving specific course offerings under the INTRDSCP 353 rubric.

This revised procedure is designed specifically for courses taught as part of study abroad programs. Typically, these offerings fulfill the expectations of a general education requirement. Going through all of the general education levels of review for approval for each one-time offering, however, is not efficient, particularly because the course content is in active status for one semester only. Giving blanket approval for general education credit for these special topics courses is not appropriate either. Thus, assigning specific special topics course numbers for each division (INTRDSCP 353 for Special Topics: Math/Science), will establish a course that will always satisfy a Math/Science general education requirement provided Division approval is obtained. Regardless of the instructor's or instructors' home division(s), scheduling INTRDSCP 353 will require prior approval of the proposed syllabus by the Interdisciplinary Studies Curriculum Committee. With general education approval contingent on Division review, the Division-specific special topics courses will allow for expediency and clarity for students, instructors and those administering related programs.

GENERAL EDUCATION ATTACHMENT

This applies only to addition, deletions or changes in general education courses (Requires APGES/APC Approval)

PART 1: In the space provided explain reasons for course changes or deletions:

There is a need to have an Interdisciplinary Studies course that covers either a variety of topics from mathematics or science, or a specific topic that is viewed from the perspective of the different mathematics and science disciplines. Typically, these offerings are specific to the study abroad experience, but the topics explored and the interdisciplinary perspectives are appropriate for having the course count towards fulfilling the Mathematics or Natural Science general education requirement.

PART 2: Complete the information below ONLY for **new** general education course proposals.

Category placement-check the General Education Program category in which the course belongs. See the University Bulletin for the descriptions of the categories

GENERAL EDUCATION AREA(S) - Check only one

- | | |
|--|--|
| A. English Composition | I. Social Sciences |
| B. Mathematics <u>XXX*</u> | ___ 1. Anthropology |
| C. Physical Education | ___ 2. Economics |
| D. Non-Western Culture | ___ 3. Geography (except physical geography) |
| E. Communication | ___ 4. History |
| F. Optional Basic Knowledge and Skills courses | ___ 5. Environmental Studies/Interdisciplinary Courses |
| G. Humanities | ___ 6. International Studies |
| ___ 1. Fine Arts (Art/Music/Drama) | ___ 7. Political Science |
| ___ 2. Literature | ___ 8. Psychology |
| ___ 3. Foreign Language | ___ 9. Sociology |
| ___ 4. Philosophy/Religious Studies | ___ 10. Urban and Regional Studies |
| ___ 5. Interdisciplinary | ___ 11. Women's Studies |
| H. Natural Sciences <u>XXX*</u> | J. Ethnic Studies |

*this will vary, depending on division approval of

syllabus

PART 3: Rationale

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proposed syllabus by the Math/Science Chairs. With general education approval contingent on Division review, the Division-specific special topics courses will allow for expediency and clarity for students, instructors and those administering related programs.

* **EFFECTIVE DATE: FALL ONLY: Fall 2007**

* **APGES Chair Approval: _____ Date: _____**