UNIVERSITY OF HAWAII AT MĀNOA
UHM-1 FORM (ADD A COURSE OF STUDY)

Read instructions on reverse side carefully before filling out this form. For undergraduate courses, submit at least an original and three copies; for graduate courses, submit at least an original and six copies.

1. Course Subject
   NREM

2. Proposed Course Number
   666

3. Effective Term (Sem/Year)
   Spring 2006

4. Frequency
   ☐ Fall & Spring semester ☐ Once a year
   ☐ Fall semester only ☐ Other every other year
   ☐ Spring semester only

5a. Full Course Title
   Soil Watershed Modeling

5b. BANNER Course Title (20 characters or less)
   Small Watershed Modeling

6. Offering (check one)
   ☐ Regular
   ☐ Experimental
   (two academic years)
   ☐ Single (one term)

7. Core or Graduation Requirement (check one)
   ☐ 1 Request approval of the ___ Diversification or Hawaiian Second Language Designation (DL, DH, DL, DR, DD, DY, DS or HSU)
   ☐ 2 Request approval of the ___ Foundations designation (FW, FS, or FS)
   ☐ 3 Do not consider course for a General Education Core or Graduation Requirement

8. Grade Option (check all that apply)
   ☐ Letter Grade (L)
   ☐ Credit/No Credit (C)
   ☐ Audit (A)
   ☐ Satisfactory/Unsatisfactory (S)
   [Graduate course numbered 900, 700, and 800 only]
   ☐ No Grading (X) [Graduate courses only]

9. Number of Credits
   [Variable credit (V), give range: ]
   3

10. Repeat Limit
    0

11. Credit Limit
    3

12. Corequisite Courses

13. Pre-requisite Course(s) Enter course alpha and number for each pre-requisite. Use "or" or "and" instead of punctuation. Type "or concurrent" after each pre-requisite course that may be taken concurrently. Also specify what type of waiver is acceptable (check only one)

14. Pre-requisite Waiver (Check one)
   ☐ Instructor Approval ☐ Departmental Approval ☐ Other Approval ☐ No Waiver

15. Contact Hours and Instruction Type
   Specify number of minutes per week for appropriate instruction type(s). For courses with variable credits, check all applicable instruction types.

   150 Lecture (LEC)
   100 Laboratory (LAB)
   50 Discussion (DIS)
   50 Seminar (SEM)
   _______ Online Instruction (WEB)
   _______ Directed Reading or Research/Independent Study (DRR)
   _______ Thesis/Dissertation (THES)
   _______ Field Experience/Internship/Practicum (EXIP)
   _______ Two-way Interactive TV (ITV)
   _______ Lecture/Laboratory Combined (L/C)
   _______ Lecture/Discussion combined (L/D)

16. Cross-listed Courses

17. Catalog Description
   This section will appear in the Catalog. Limit description to 20 words, up to 25 words for alpha courses. Read instructions carefully before completing this section.

   This course will introduce students to process-based modeling of watersheds with emphasis on model applications. It deals with the characterization and simulation of small watershed hydrologic and pollutant transport processes.

18. Justification
   Read instructions on reverse side. Attach sheets as needed.

   See attachment

   Requested by
   NREM
   Carl I. Evensen
   09/09/05

   Approved by
   1st College or School Dean
   2nd College or School Dean

   Office Use Only:
   SIS Catalog
   SIS Prereq
   Level
   College
   Dept

   Graduate Division (600 level and above)
   Dean
   General Education
   Chancellor's Office
   Chancellor
   Date