University of Connecticut
College of Liberal Arts and Sciences
Committee on Curricula and Courses

Proposal to Add a New Undergraduate Course

Last revised: Monday, December 8, 2003

See "Instructions for completing CLAS CC&C forms" for general instructions and specific notes.

1. Date: March 5th, 2014

2. Department requesting this course: Anthropology

3. Semester and year in which course will be first offered: Fall 2013

Final catalog Listing (see Note A):

Assemble this after you have completed the components below. This listing should not contain any information that is not listed below! See Note A for examples of how undergraduate courses are listed.

ANTH 3555. Archaeological Science
Either semester. Three credits. Open to Sophomores. Consent of instructor required. Hartman.
Survey of scientific methods used to answer archaeological questions. Methods, applications and lab demonstrations.

Items included in catalog Listing:

Obligatory Items

1. Standard abbreviation for Department or Program (see Note O): ANTH

2. Course Number (see Note B): 3555

If requesting a specific number (e.g. "254" instead of "2XX"), have you verified with the Registrar that this number is available for use? X_ Yes __ No

3. Course Title: Archaeological Science

4. Semester offered (see Note C): Either semester

5. Number of Credits (see Note D): Three

6. Course description (second paragraph of catalog entry -- see Note K):
Survey of scientific methods used to answer archaeological questions. Methods, applications, and lab demonstrations.

Optional Items

7. Number of Class Periods, if not standard (see Note E):

8. Prerequisites, if applicable (see Note F): None

9. Recommended Preparation, if applicable (see Note G):

10. Consent of Instructor, if applicable (see Note T): Consent of instructor required

11. Exclusions, if applicable (see Note H): None

12. Repetition for credit, if applicable (see Note I): Not applicable

13. Instructor(s) names if they will appear in catalog copy (see Note J): Hartman

14. Open to Sophomores (see Note U): Yes

15. Skill Codes "W", "Q", or "C" (see Note T): None.

16. S/U grading (see Note W): No.

Justification

1. Reasons for adding this course: (see Note L):

The use of scientific methods such as ancient DNA analysis, isotope analysis and radiometric dating are becoming increasingly popular in archaeological research. While students are introduced to major archaeological discoveries and interpretations that were made using scientific methods in many archaeological courses at UCONN, no course provides a basic understanding of the scientific techniques themselves.

2. Academic Merit (see Note L):

Archaeological interpretation begins with the examination of excavated material remains. In many cases these remains contain valuable information not visible to the naked eye that can only be unraveled using scientific methods. Archaeological Science is designed to introduce students to a wide array of methods that are currently

extending the boundaries of archaeological interpretation. Dating techniques, material sciences, stable isotope techniques, and ancient DNA analysis are among the many topics that are be covered in this course. The course also includes demonstrations of scientific methods in laboratory settings.

3. Overlapping Courses (see Note M): None

4. Number of Students Expected: 12

5. Number and Size of Section: One section, 12 students

6. Effects on Other Departments (see Note N): None

7. Effects on Regional Campuses: None

8. Staffing (see Note P): Hartman

9. Dates approved by (see Note Q):
Department Curriculum Committee: Feb 17th 2014
Department Faculty: Feb 17th 2014

10. Name, Phone Number, and e-mail address of principal contact person:
Gideon Hartman
(860)486-486-4850
gideon.hartman@uconn.edu