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 05, 2014.

2. Department requesting this course: ANTH

3. Semester and year in which course will be first offered: Spring 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 3720 Lab Methods in Archaeological and Forensic Science
Either Semester. 1-6 credits. Consent of instructor required.
Introduction to scientific lab methods used in archaeology and forensics. Includes six stand alone modules, each dedicated to a different method.

Items included in catalog Listing:

Obligatory Items

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

2. Course Number (see Note B): 3720
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: Lab Methods in Archaeological and Forensic Science

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

5. Number of Credits (see Note D): 1-6

6. Course description (second paragraph of catalog entry -- see Note K):
Introduction to scientific lab methods used in archaeology and forensics. Includes six stand alone modules, each dedicated to a different method.

Optional Items

7. Number of Class Periods, if not standard (see Note E): 6 weekend modules worth one credit each, each module includes 15 hours of instruction per weekend on Friday evening, Saturday and Sunday.

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

9. Recommended Preparation, if applicable (see Note G): None

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):

14. Open to Sophomores (see Note U): No

15. Skill Codes "W", "Q", or "C" (see Note T): Not applicable

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

Justification

1. Reasons for adding this course: (see Note L)
Currently, the exposure of undergraduates to scientific methods in anthropology is limited to lectures and demonstrations. The course will add a new dimension to the curriculum on scientific research in anthropology by providing hands on laboratory training in the fields of anthropology and forensics.

2. Academic Merit (see Note L):
Archaeology and forensic science share many goals and techniques. Both disciplines strive to understand past events for which evidence is often sparse and fragmentary. Recent developments in scientific methods offer opportunities to fill voids in our understanding of archaeological sites, crime scenes, and the past events they represent. This interdisciplinary course introduces students to a

wide range of lab methods taught as weekend modules. Enrollment for each unit is independent and students are not required to enroll in all modules, but should talk to the relevant instructor for details. The course is taught to advanced undergraduate and graduate students as a series of six modules. The modules include topics such as: Genetics I,II,III; Human Osteology; Microscopy and Botany; and Stable Isotope Analysis. Each module is worth one credit. Each module consists of 15 contact hours comprised of labs and lectures and takes place during a single weekend. Scheduling the modules on weekends ensures that they do not conflict with conventional course work. Most module instructors are advanced graduates that get valuable opportunity to practice teaching in their specialized field of expertise.

3. Overlapping Courses (see Note M): The lab techniques in this course will complement theoretical and methodological discussions presented in other courses such as ANTH 3555 Archaeological Science, ANTH 3706 Archaeobotany, ANH 3702 Human Osteology

4. Number of Students Expected: 14 per module

5. Number and Size of Section: 6 sections, one per one credit module, 14 students for each module.

6. Effects on Other Departments (see Note N): The genetics and human osteology models will be taught in collaboration with the Center for Applied Genetics and Technology (CAGT) in MCB. These modules will be taught by MCB graduate students.

7. Effects on Regional Campuses: None

8. Staffing (see Note P):

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, course co-ordinator
(860)486-850
Gideon.Hartman@uconn.edu