

## Cover/Signature Page

**Institution Submitting Request:** University of Utah  
**Proposed Title:** Emphasis in Archaeological Science  
**Currently Approved Title:** NA  
**School or Division or Location:** College of Social and Behavioral Sciences  
**Department(s) or Area(s) Location:** Department of Anthropology  
**Recommended Classification of Instructional Programs (CIP) Code<sup>1</sup> (for new programs):** 45.0301  
**Current Classification of Instructional Programs (CIP) Code (for existing programs):** 00.0000  
**Proposed Beginning Date (for new programs):** 08/22/2016  
**Institutional Board of Trustees' Approval Date:** MM/DD/YEAR

**Proposal Type (check all that apply):**

Regents' General Consent Calendar Items		
<i>R401-5 OCHE Review and Recommendation; Approval on General Consent Calendar</i>		
SECTION NO.		ITEM
5.1.1	<input type="checkbox"/>	Minor*
5.1.2	<input checked="" type="checkbox"/>	Emphasis*
5.2.1	<input type="checkbox"/>	(CER P) Certificate of Proficiency*
5.2.3	<input type="checkbox"/>	(GCR) Graduate Certificate*
5.4.1	<input type="checkbox"/>	New Administrative Unit
	<input type="checkbox"/>	Administrative Unit Transfer
	<input type="checkbox"/>	Administrative Unit Restructure
	<input type="checkbox"/>	Administrative Unit Consolidation
5.4.2	<input type="checkbox"/>	Conditional Three-Year Approval for New Centers, Institutes, or Bureaus
5.4.3	<input type="checkbox"/>	New Center
	<input type="checkbox"/>	New Institute
	<input type="checkbox"/>	New Bureau
5.5.1	<input type="checkbox"/>	Out-of-Service Area Delivery of Programs
5.5.2	<input type="checkbox"/>	Program Transfer
	<input type="checkbox"/>	Program Restructure
	<input type="checkbox"/>	Program Consolidation
5.5.3	<input type="checkbox"/>	Name Change of Existing Programs
5.5.4	<input type="checkbox"/>	Program Discontinuation
	<input type="checkbox"/>	Program Suspension
5.5.5	<input type="checkbox"/>	Reinstatement of Previously Suspended Program
	<input type="checkbox"/>	Reinstatement of Previously Suspended Administrative Unit

*\*Requires "Section V: Program Curriculum" of Abbreviated Template*

**Chief Academic Officer (or Designee) Signature:**

I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

\_\_\_\_\_  
**Signature**

**Date:** MM/DD/YEAR

**Printed Name:** *Name of CAO or Designee (Ruth Watkins – Signature will be collected after BoT Approval)*

<sup>1</sup> CIP codes must be recommended by the submitting institution. For CIP code classifications, please see <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55>.

**Program Request**  
**University of Utah**  
**Anthropology, B.A./B.S. with Emphasis in Archaeological Science**  
*02/02/2016*

**Section I: Request**

This proposal requests the addition of an emphasis in Archaeological Science. The proposed emphasis specifies topical and elective courses as series of required courses focused on scientific methods in archaeology in order to provide students with skills necessary to be competitive for employment in private and government sectors or for graduate school programs.

An emphasis in Archaeological Science is not necessary for an anthropology degree, as the degree can be completed without an emphasis. As with the "regular" anthropology degree (no emphases), the emphasis in Archaeological Science can be taken as either a BA or BS. The completion of the requirements for the emphasis will not affect the number of credit hours required for the major, as both the number of classes and credits are essentially the same as the Anthropology major with or without emphases.

The proposed emphasis in Archaeological Science was designed by archaeologists in our department, and then approved by the Department of Anthropology curriculum committee in November of 2015. The emphasis was then approved by a vote in a full Anthropology faculty meeting in January of 2016. The proposal was reviewed by the College of Social and Behavioral Sciences curriculum committee in April of 2016.

**Section II: Need**

Currently, the Department of Anthropology offers a variety of core courses in archaeological science, but these are not organized into a coherent program. There are a growing number of students interested in archeology, both out of general interest and out of a desire career preparation. Moreover, private sector archaeological and environmental consulting firms and government agencies in the region require well trained archaeologists to fill growing positions. These student- and employment-driven demands suggest there is a significant need for such a program. Moreover, by providing an emphasis in archaeological science, the Department of Anthropology should help reduce time to degree and reduce the workload on academic advisors who now must redundantly design such programs ad hoc with each student. Other institutions in the intermountain region have undergraduate programs in anthropology within which students may enroll in archaeological courses, but this would be a unique emphasis in the area focused on training students in the science of archaeology.

**Section III: Institutional Impact**

Because the proposed emphasis simply organizes existing coursework, the proposed change will not alter instructional programs in the department or college. These changes will not place any additional burden on faculty or staff. No new facilities will be required.

**Section IV: Finances**

No new funds are required to implement the proposed changes. It is anticipated that the new program will actually save the department money by reducing the amount of time the advisor spends consulting with students by providing them with a clearly outlined course schedule.

### Section V: Program Curriculum

Course Prefix and Number	Title	Credit Hours
<b>Required Courses</b>		
<b>Lower-Division Core</b>		
ANTH 1010 [BF]	Culture and the Human Experience	3
ANTH 1020 [SF]	Human Origins: Evolution & Diversity	3
ANTH 1030 [BF]	World Prehistory: An Introduction	3
	<b>Sub-Total</b>	<b>9</b>
<b>Upper-Division Core</b>		
ANTH 3001	Anthropology as a Major and Career	1
ANTH 4341	Fundamentals of Archaeology	3
ANTH 4345	Cultural Resources Management	3
ANTH 4461	Behavioral Ecology in Anthropology	3
	<b>Sub-Total</b>	<b>10</b>
<b>Upper-Division Topical</b> (Select a minimum of 8 credit hours)		
ANTH 4271	Human Osteology	4
ANTH 4340	Paleoethnobotany	4
ANTH 4372	Zooarchaeology	4
ANTH 5711	Student Interest Research Group (S.I.R.G.)	1-3
ANTH 5712	Field School: North America	6
ANTH 5850 [QI pending]	Quantitative Analysis of Archaeological Data	3
	<b>Sub-Total</b>	<b>8-10</b>
<b>Upper-Division Geographical</b> (6 credit hours)		
ANTH 3111	First Nations of Eastern North America	3
ANTH 3112	First Nations of Western North America	3
ANTH 3311	North American Prehistory	3
ANTH 3313	First Peoples of Utah & the Intermountain West	3
ANTH 3321	The Classic Maya	3
ANTH 3322	Mesoamerican Archaeology	3
ANTH 3331	Pleistocene Archaeology	3
ANTH 3961	Special Topics: Geographical Requirement	3
	<b>Sub-Total</b>	<b>6</b>
	<b>Hours in Major</b>	<b>33-35</b>
<b>Allied Hours</b>		
GEOG 3140 [QI]	Introduction to GIS	4
8 additional hours from ATMOS, BIO, ENVST, GEO or GEOG		8
	<b>Sub-Total</b>	<b>12</b>
	<b>Total Number of Credits</b>	<b>45-47</b>



## Program Schedule (Emphasis in Archaeological Science: Bachelor of Science)

### First Year

#### Fall Semester (15 hours)

ANTH 1010 – Culture and the Human Experience [BF Req] (3)

ANTH 1030 – World Prehistory: An Introduction [BF Req] (3)

WRTG 2010 - Intermediate Writing [WR2 Req] (3)

General Education (HF Req #1) (3)

General Elective (3)

#### Spring Semester (16 hours)

ANTH 1020 – Human Origins: Evolution & Diversity [SF Req] (3)

MATH 1050 – College Algebra [QA Req] (4)

General Education (FF Req #1) (3)

General Elective (6)

### Second Year

#### Fall Semester (16 hours)

ANTH 3001 – Anthropology as a Major and Career (1)

ANTH Upper Division Geographical #1 [possible DV] (3)

American Institutions [AI] (3)

Allied Hours (6)

General Elective (3)

#### Spring Semester (16 hours)

ANTH Upper Division Geographical #2 [possible DV] (3)

ANTH 4461 – Behavioral Ecology and Anthropology (3)

GEOG 3140 – Introduction to GIS [Allied Hours and QI Req #1] (4)

General Education (HF Req #2) (3)

General Elective (3)

### Third Year

#### Fall Semester (15 hours)

ANTH 4341 – Fundamentals of Archaeology (3)

Allied Hours [possible QB] (3)

Bachelor's Degree (DV Req) (3)

General Education (QB Req) (3)

General Elective (3)

#### Spring Semester (16 hours)

ANTH 4345 – Cultural Resources Management (3)

ANTH 4372 – Zooarchaeology (4)

General Education (FF Req #2) (3)

Bachelor's Degree (CW) (3)

General Elective (3)

### Fourth Year

#### Fall Semester (13 hours)

ANTH 4271 – Human Osteology (4)

ANTH 4340 – Paleoethnobotany (3)

ANTH 5711 – Student Individual Research Group (3)

Bachelor's Degree (IR Req) (3)

#### Spring Semester (16 hours)

ANTH 5850 – Quantitative Analysis of Archaeological Data (pending QI Req #2) (3)

General Education (SF Req #2) (3-4)  
ANTH 5711 – Student Individual Research Group (3)  
General Elective (6)

## **Program Schedule (Emphasis in Archaeological Sciences: Bachelor of Arts)**

### First Year

#### Fall Semester (16 hours)

ANTH 1010 – Culture and the Human Experience [BF Req] (3)  
ANTH 1030 – World Prehistory: An Introduction [BF Req] (3)  
WRTG 2010 - Intermediate Writing [WR2 Req] (3)  
General Education (HF Req #1) (3)  
Bachelor's Degree (Language) (4)

#### Spring Semester (16 hours)

ANTH 1020 – Human Origins: Evolution & Diversity [SF Req] (3)  
MATH 1050 – College Algebra [QA Req] (4)  
ANTH 3001 – Anthropology as a Major and Career (1)  
General Education (FF Req #1) (3)  
General Elective (5)

### Second Year

#### Fall Semester (16 hours)

ANTH Upper Division Geographical #1 [possible DV] (3)  
American Institutions [AI] (3)  
Allied Hours (6)  
Bachelor's Degree (Language) (4)

#### Spring Semester (16 hours)

ANTH Upper Division Geographical #2 [possible DV] (3)  
ANTH 4461 – Behavioral Ecology and Anthropology (3)  
GEOG 3140 – Introduction to GIS [Allied Hours and QI Req #1] (4)  
General Education (HF Req #2) (3)  
General Elective (3)

### Third Year

#### Fall Semester (16 hours)

ANTH 4341 – Fundamentals of Archaeology (3)  
Allied Hours [possible QB] (3)  
Bachelor's Degree (DV Req) (3)  
General Education (QB Req) (3)  
Bachelor's Degree (Language) (4)

#### Spring Semester (16 hours)

ANTH 4345 – Cultural Resources Management (3)  
ANTH 4372 – Zooarchaeology (4)  
General Education (FF Req #2) (3)  
Bachelor's Degree (CW) (3)  
General Elective (3)

### Fourth Year

#### Fall Semester (13 hours)

ANTH 4271 – Human Osteology (4)  
ANTH 4340 – Paleoethnobotany (3)

ANTH 5711 – Student Individual Research Group (3)

Bachelor's Degree (IR Req) (3)

Spring Semester (13 hours)

ANTH 5850 – Quantitative Analysis of Archaeological Data (pending QI Req #2) (3)

General Education (SF Req #2) (3-4)

ANTH 5711 – Student Individual Research Group (3)

Bachelor's Degree (Language) (4)

April 5<sup>th</sup>, 2016

Curriculum Administration  
Undergraduate Studies  
Sterling Sill Center  
University of Utah Campus

Dear Madam or Sir:

I am pleased to report that the College of Social and Behavioral Science Curriculum Committee voted unanimously to approve the proposed Emphases for the Department of Anthropology: Archaeological Science Emphasis, and Human Ecology Emphasis. The committee viewed the additions to be worthwhile enrichments to the program of study.

If you have any questions about the Curriculum Committee's actions, please feel free to contact me.

Sincerely,



Cathleen D. Zick, Ph.D.  
Associate Dean

cc: Dean Cynthia Berg, Ph.D.  
Department Chair Lori Kowaleski-Jones, Ph.D.