

<b>Fiscal Unit/Academic Org</b>	Anthropology - D0711
<b>Administering College/Academic Group</b>	Social And Behavioral Sciences
<b>Co-administering College/Academic Group</b>	
<b>Semester Conversion Designation</b>	Converted with minimal changes to program goals and/or curricular requirements (e.g., sub-plan/specialization name changes, changes in electives and/or prerequisites, minimal changes in overall structure of program, minimal or no changes in program goals or content)
<b>Current Program/Plan Name</b>	Anthropological Sciences
<b>Proposed Program/Plan Name</b>	Anthropological Sciences
<b>Program/Plan Code Abbreviation</b>	ANTHSCI-BS
<b>Current Degree Title</b>	Bachelor of Science

## Credit Hour Explanation

Program credit hour requirements		A) Number of credit hours in current program (Quarter credit hours)	B) Calculated result for 2/3rds of current (Semester credit hours)	C) Number of credit hours required for proposed program (Semester credit hours)	D) Change in credit hours
Total minimum credit hours required for completion of program		55	36.7	33	3.7
Required credit hours offered by the unit	Minimum	45	30.0	27	3.0
	Maximum				3.0
Required credit hours offered outside of the unit	Minimum	10	6.7	7	0.3
	Maximum				0.3
Required prerequisite credit hours not included above	Minimum	15	10.0	10	0.0
	Maximum				0.0

## Program Learning Goals

Note: these are required for all undergraduate degree programs and majors now, and will be required for all graduate and professional degree programs in 2012. Nonetheless, all programs are encouraged to complete these now.

### **Program Learning Goals**

- Students will acquire foundational knowledge in each of the three major sub-disciplines within the major (physical anthropology, cultural anthropology and archaeology).
- Students will achieve mastery of core concepts in each of the three major sub-disciplines within the major (physical anthropology, cultural anthropology and archaeology). In so doing, they will acquire rigorous and empirically oriented skills.
- Students will accumulate breadth of knowledge by completing elective coursework in each of the three sub-disciplines within the major (physical anthropology, cultural anthropology and archaeology).
- Students achieve in depth knowledge in one (or more) field by choosing at least two additional courses in any sub-discipline (physical anthropology, cultural anthropology or archaeology) within the major.

## Assessment

Assessment plan includes student learning goals, how those goals are evaluated, and how the information collected is used to improve student learning. An assessment plan is required for undergraduate majors and degrees. Graduate and professional degree programs are encouraged to complete this now, but will not be required to do so until 2012.

**Is this a degree program (undergraduate, graduate, or professional) or major proposal? Yes**

Does the degree program or major have an assessment plan on file with the university Office of Academic Affairs? Yes

Summarize how the program's current quarter-based assessment practices will be modified, if necessary, to fit the semester calendar.

The program uses three mechanisms to assess performance within the major: (1) assigning grades to courses within the major and monitoring their progress (oversight provided by individual instructors and faculty advisor), (2) use of embedded questions, and (3) senior exit survey. Direct assessment of learning outcomes is accomplished by embedding questions in exams administered during all sections of ANT 401 (Fundamentals of Archaeology). This is the only course taken by all our undergraduate majors (both Anthropology and Anthropological Sciences) and continues to serve as an effective platform for direct assessment. Responses from the senior exit survey are used primarily to gauge student goals and satisfaction towards curriculum, departmental personnel, and learning outcomes. In addition, the survey is a moderately effective means of tracking student placement. At this point, we foresee no major changes being made to our assessment tools.

## Program Specializations/Sub-Plans

If you do not specify a program specialization/sub-plan it will be assumed you are submitting this program for all program specializations/sub-plans.

## Pre-Major

Does this Program have a Pre-Major? Yes

Anthropology 200, 201 and 202 are required before a student is able to declare the Anthropological Sciences major. We do not have a pre-major advising sheet.

## Attachments

- Conversion\_Template\_ANTHRO\_SCIENCES\_MAJOR.docx: Program Template BS  
(Program Proposal. Owner: Freeman, Elizabeth A.)
- Curriculum Map BS.docx: Curriculum Map BS  
(Curricular Map(s). Owner: Freeman, Elizabeth A.)

## Comments

## Workflow Information

Status	User(s)	Date/Time	Step
Submitted	Freeman, Elizabeth A.	09/17/2010 08:59 AM	Submitted for Approval
Revision Requested	McGraw, William Scott	09/17/2010 09:30 AM	Unit Approval
Submitted	Freeman, Elizabeth A.	09/17/2010 09:37 AM	Submitted for Approval
Approved	McGraw, William Scott	09/17/2010 09:39 AM	Unit Approval
Revision Requested	Mumy, Gene Elwood	10/12/2010 12:23 PM	College Approval
Submitted	Freeman, Elizabeth A.	10/14/2010 11:32 AM	Submitted for Approval
Approved	McGraw, William Scott	10/14/2010 01:02 PM	Unit Approval
Revision Requested	Mumy, Gene Elwood	10/29/2010 11:46 AM	College Approval
Submitted	Freeman, Elizabeth A.	11/01/2010 02:27 PM	Submitted for Approval
Approved	Vanarsdale, Sonya Renee	11/02/2010 11:23 AM	Unit Approval
Approved	Vanarsdale, Sonya Renee	11/02/2010 11:23 AM	College Approval
Pending Approval	Nolen, Dawn Jenkins, Mary Ellen Bigler Meyers, Catherine Anne Vankeerbergen, Bernadette Chantal Hanlin, Deborah Kay	11/02/2010 11:23 AM	ASCCAO Approval

PROGRAM TEMPLATE: ANTHROPOLOGICAL SCIENCES MAJOR (BS)

**To: Reviewer**

**From: Clark S. Larsen  
W. Scott McGraw**

**Date: October 12, 2010**

**Subject: Conversion of Anthropological Sciences (BS) major from quarters to semesters.**

The Department of Anthropology is pleased to present materials for conversion of its **Anthropological Sciences** major (BS) to the semester-based system. Conversion of this program to semesters will occur with minimal changes to program goals and curricular requirements. The materials we present are part of our department's general conversion package which includes templates for the following programs:

I. Graduate

PhD in Anthropology

MA in Anthropology

II. Undergraduate bachelor degree programs/major

Anthropology (BA)

Anthropological Sciences (BS)

III. Undergraduate minor programs

Physical Anthropology

Cultural Anthropology

Archaeology

Forensic Science

The Anthropological Sciences major leading to the BS at OSU.

For most of its history, the department offered one baccalaureate degree, the Bachelor of Arts in Anthropology. In light of the department's growing emphasis on scientific anthropology, the department proposed and received approval for the Bachelor of Science in Anthropological Sciences, beginning Winter quarter 2005. This is one of two B.S. majors in anthropology in the state of Ohio (the other program is at Kent State University). Based on enrollment information, the majority of growth in our undergraduate program has been in students pursuing the Anthropological Sciences (BS) major. Moreover, this major appears to be attracting generally stronger students, as measured by incoming test scores and undergraduate GPA. We are confident that this major will continue to grow and have converted the program from quarters to semesters with minimal changes.

The departmental conversion involved deliberations by an *ad hoc* conversion committee, discussions with all departmental faculty (main and regional campuses), and input from both undergraduate and graduate students. In addition, we sought advice from several anthropology departments at benchmark institutions that had undergone calendar conversion in recent years. We have endeavored to follow all guidelines and believe our documents are in accord with what is required at higher administrative levels. As outlined in the individual program templates, we believe each conversion falls in the category of “conversion with minimal programmatic changes.”

With one exception, all courses have been converted from 5 quarter to 3 semester hours. The single exception involves designating ANT 200 (now ANT 2200) *Introduction to Physical Anthropology* as a laboratory course and changing its hours from 5 to 4 hours.

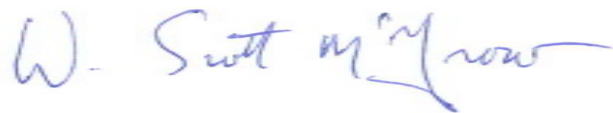
We have renumbered our course offerings in an effort to return consistency and logic to their listing. This renumbering is the result of multiple discussions with faculty and proceeds as follows:

- All 200 level quarter courses are renumbered as 2000 level semester courses.
- All 300, 400 and many 500 level quarter courses are renumbered as 3000 level semester courses.
- A handful of 500 level quarter courses (e.g., 597 capstone courses) are renumbered as 4000 level semester courses.
- All 600 level quarter courses are renumbered as 5000 semester level courses.
- We will have no 6000 level semester courses
- All 700 and some 800 level quarter courses are renumbered as 7000 level semester courses.
- The remainder of our 800 level and all our 900 level quarter courses are renumbered as 8000 level semester courses.

Please let us know if you have any questions.



Clark S. Larsen, chair



W. Scott McGraw  
Conversion coordinator

## I. GENERAL PROGRAM INFORMATION

1. **Program Name:** Anthropological Sciences Major
2. **Degree Title:** Bachelor of Sciences
3. **Academic Unit:** Department of Anthropology
4. **Type of Program:** Undergraduate Bachelors degree
5. **Semester Conversion Designation:** Conversion to semesters will occur with *minimal changes to program goals and curricular requirements.*

**II. Rationale for proposed program changes:** The lone programmatic change is the addition of a laboratory component to ANT 2200 (*Introduction to Physical Anthropology*), a curricular revision long overdue. In the majority of our benchmark institutions (most of which are on semesters), *Introduction to Physical Anthropology* is taught with a laboratory component. A required laboratory experience for students majoring in Anthropology (BA) or Anthropological Sciences (BS) is consistent with the department's philosophy of promoting scientific inquiry across all anthropological sub-disciplines and will, we believe, promote retention of key concepts in physical anthropology (e.g., evolutionary forces, skeletal anatomy, hominin fossils, etc.). The OSU calendar conversion, combined with the Department of Anthropology's relocation to improved facilities (including designated teaching laboratories) provides the perfect opportunity for this programmatic change. Note that this change requires no additional resources and will result in the addition of only a single semester hour to course loads.

### III. List of Semester Courses in the program:

#### I. Pre-requisites (10 hours)

These courses must be completed prior to declaration of the major.

- 1) ANT 2200 – *Introduction to Physical Anthropology* (4 hours)
- 2) ANT 2201 – *World Prehistory: An Anthropological Perspective* (3 hours)
- 3) ANT 2202 – *Peoples and Cultures: An Introduction to Cultural Anthropology* (3 hours)

#### II. Core Courses (12 hours)

1) Physical Anthropology (complete both of the following)

ANT 3300 – *Human Origins* (3 hours)

ANT 3301 – *Modern Human Physical Variation* (3 hours)

2) Archaeology

ANT 3401 – *Fundamentals of Archaeology* (3 hours)

3) Cultural Anthropology

ANT 5620 – *Hunters and Gatherers* (3 hours)

#### III. Electives (minimum of 15 hours)

All students must complete 15 hours of electives (normally 5 courses) including at least one course in each of the three sub-disciplines (physical anthropology, archaeology and cultural anthropology). The remaining hours may be completed in any of the three anthropological disciplines and are considered “free” electives.

1) Physical Anthropology elective (3 hours)

2) Archaeology elective (3 hours)

3) Cultural Anthropology elective (3 hours)

4) Anthropology free elective # 1 (3 hours)

5) Anthropology free elective # 2 (3 hours)

#### **IV. Additional Required Courses**

Students must complete each of the following:

1) EEOB 3000 – *Evolution* (4 hours)

2) STAT 1450 – *Introduction to the Practice of Statistics* (3 hours)

OR

STAT 2450 - *Introduction to Statistical Analysis*

OR

equivalent statistics course approved by Anthropology advisor

Semester Advising Sheet (DRAFT)



**Requirements for the ANTHROPOLOGICAL SCIENCES major leading to the Bachelor of Sciences degree.**

**I. Pre-requisites (10 hours)**

The following courses must be completed for admission to the major. They can be completed in any order:

**ANT 2200** – *Introduction to Physical Anthropology* (4 hours)

**ANT 2201** – *World Prehistory: An Anthropological Perspective* (3 hours)

**ANT 2202** – *Peoples and Cultures: An Introduction to Cultural Anthropology* (3 hours)

**II. Core Coursework (12 hours)**

Students must complete core coursework in three sub-disciplines: Physical Anthropology, Archaeology and Cultural Anthropology. Final marks in these classes must be C- or better.

Physical Anthropology (6 hours)

Students complete both

**ANT 3300** – *Human Origins*

**ANT 3301** – *Modern Human Physical Variation*

Archaeology (3 hours)

**ANT 3401** – *Fundamentals of Archaeology*

Cultural Anthropology (3 hours)

**ANT 5620** – *Hunters and Gatherers*

**III. Electives (15 hours)**

You must complete at least 15 hours of anthropology electives (normally five 3-hour anthropology courses) including at least one course in each of the three sub-disciplines (physical anthropology, archaeology and cultural anthropology). Please contact the undergraduate advisor if you have questions about which sub-discipline a particular course falls under.

1. Physical Anthropology elective (3 hours)

2. Archaeology elective (3 hours)

3. Cultural Anthropology elective (3 hours)

4. Anthropology Free elective # 1 (3 hours)

5. Anthropology Free elective # 2 (3 hours)



#### **IV. Additional Requirements**

**1. EEOB 3000** – *Evolution*

**2. STAT 1450** *Introduction to the Practice of Statistics* or **STAT 2450** *Introduction to Statistical Analysis* or equivalent (as determined by anthropology advisor) [new numbers to be determined]

Quarter-Based Advising  
Sheet

**Requirements for the ANTHROPOLOGICAL SCIENCES major (55 hours)  
leading to the *Bachelor of Science* degree.**

**I. Pre-requisites**

You must complete the following courses:

1. ANT 200 – *Introduction to Physical Anthropology*
2. ANT 201 – *World Prehistory: An Anthropological Perspective*
3. ANT 202 – *Peoples and Cultures: An Introduction to Cultural Anthropology*

**II. Core Courses (20 hours)**

You must complete the following courses in three areas with a grade of C- or better:

1. Physical Anthropology
  - i. ANT 300 – *Human Origins*
  - ii. ANT 301 – *Modern Human Physical Variation*
2. Archaeology  
ANT 401 – *Fundamentals of Archaeology*
3. Cultural Anthropology  
ANT 620.01 – *Hunters and Gatherers*

**III. Electives (at least 25 hours)**

You must complete 25 hours of electives (normally 5 courses) including at least one course in each of the three sub-disciplines (physical anthropology, archaeology and cultural anthropology).

1. Physical Anthropology elective
2. Archaeology elective
3. Cultural Anthropology elective
4. Free Anthropology elective # 1
5. Free Anthropology elective # 2

**IV. Additional Requirements (10 hours)**

You must complete the following courses:

1. EEOB 400 – *Evolution*
2. STATS 145 – *Introduction to the Practice of Statistics* **OR** STATS 245 – *Introduction to Statistical Analysis*

Please contact the undergraduate advisor if you have questions about which courses satisfy each sub-discipline requirement - Dr. W. Scott McGraw (688-3794, [mcgraw.43@osu.edu](mailto:mcgraw.43@osu.edu)), 4064 Smith Laboratory

#### **IV. Transition Policy**

From the Chair:

Students who began their degree under quarters will not be penalized as we move to semesters, either in terms of progress towards their degree or their expected date of graduation. Transition plans are currently being developed for students who will be at a variety of stages (one year towards degree, two years, etc.), but we anticipate few complications because of (1) the regularity with which all core courses are (and will be) offered, (2) the flexibility afforded by our elective structure (course choices based on sub-discipline rather than specific requirements), (3) and because no major or minor program relies on any course sequence. We do not at present see a need for bridge courses in Anthropology for any students who are beyond the introductory classes. Students who completed ANT 200 (2200) before the addition of the laboratory component will not be required to the retake the revised course.

Clark S. Larsen, chair  
Department of Anthropology

#### **V. ASSESSMENT CONVERSION**

##### **Description of how program's current quarter-based assessment practices will be modified.**

The program uses three mechanisms to assess performance within the major: (1) assigning grades to courses within the major and monitoring their progress (oversight provided by individual instructors and faculty advisor), (2) use of embedded questions, and (3) senior exit survey. Direct assessment of learning outcomes is accomplished by embedding questions in exams administered during all sections of ANT 401 (*Fundamentals of Archaeology*). This is the only course taken by all our undergraduate majors (both Anthropology and Anthropological Sciences) and continues to serve as an effective platform for direct assessment. Responses from the senior exit survey are used primarily to gauge student goals and satisfaction towards curriculum, departmental personnel, and learning outcomes. In addition, the survey is a

moderately effective means of tracking student placement. At this point, we foresee no major changes being made to our assessment tools.

## VI. CAA Reviewer's Aid and Expansion Check

<b>Program requirements</b>	<b>Current credit hours (Quarter credit hours)</b>	<b>Result for 2/3rds current hours</b>	<b>New credit hours (Semester credit hours)</b>
<b>Prerequisite courses</b>			
1) ANT 2200**	5	3.3**	4**
2) ANT 2201	5	3.3	3
3) ANT 2202	5	3.3	3
<b>Required courses offered by Dept Anthropology</b>			
1) ANT 3300	5	3.3	3
2) ANT 3301	5	3.3	3
3) ANT 3401	5	3.3	3
4) ANT 5620.01	5	3.3	3
<b>Required major course offered outside Dept of Anthropology</b>			
1) EEOB 3000	5	3.3	4
2) STAT 1450 or 2450 (or equiv)	5	3.3	3
<b>Double counted courses</b>	Data Analysis GE course		
STAT 1450 or 2450			
<b>Major Electives</b>			
1) Physical Anthropology elective	5	3.3	3
2) Cultural Anthropology elective	5	3.3	3
3) Archaeology elective	5	3.3	3
4) Free elective # 1	5	3.3	3
5) Free elective # 2	5	3.3	3
<b>Total required for program completion</b>	70	46.2	44

\*\*As part of our conversion package, we are adding a laboratory component to ANT 200 (*Introduction to Physical Anthropology*) and increasing the number of hours. Therefore, this 5 (quarter) hour course is being converted to a 4 hour semester course.

**Rationale for credit hour change:** Not applicable.

**Curriculum Map:** How and at what level do program courses facilitate student attainment of program learning goals?

**Program Goals and Learning Outcomes:**

The *general goals* of our undergraduate program in Anthropology are to prepare students for (i) employment that combines critical thinking, communication, and analytical skills with an understanding of human diversity in both time and space and/or (ii) continued study in graduate/professional schools.

These general goals are met via the following *specific learning outcomes*:

- (i) Students will acquire foundational knowledge in each of the three major sub-disciplines within the major (physical anthropology, cultural anthropology and archaeology).
- (ii) Students will achieve mastery of core concepts in each of the three major sub-disciplines within the major (physical anthropology, cultural anthropology and archaeology). In so doing, they will acquire rigorous and empirically oriented skills in each sub discipline.
- (iii) Students will accumulate breadth of knowledge by completing elective coursework in each of the three sub-disciplines within the major (physical anthropology, cultural anthropology and archaeology).
- (iv) Students achieve in depth knowledge in one (or more) field by choosing at least two additional courses in any sub discipline (physical anthropology, cultural anthropology or archaeology) within the major.

**PROGRAM LEARNING OUTCOMES**

<b>Required Courses</b>	<b>Goal # i</b>	<b>Goal # ii</b>	<b>Goal # iii</b>	<b>Goal # iv</b>	<b>Goal # v</b>
ANT 2200	✓				
ANT 2201	✓				
ANT 2202	✓				
ANT 3300		✓			
ANT 3301		✓			
ANT 3401		✓			
ANT 5620.01		✓			
<b>Elective Courses</b>					
Physical Anthropology Elective			✓		
Cultural Anthropology Elective			✓		
Archaeology Elective			✓		
Free Elective # 1				✓	
Free Elective # 2				✓	
<b>Additional Course</b>					
EEOB 400					✓
STAT 1450 or 2450 or Equiv					✓