

Motion to Recommend Adoption of the Anthropological Science Major and Minor
(Curriculum Committee)

Be it Resolved: That the Faculty Senate recommends that the attached proposal for an Anthropological Science Major and Minor be adopted.

Proposal to the Undergraduate Curriculum and Catalog Review Committee Cover Sheet Instructions

Changes to existing undergraduate courses as well as proposals for new undergraduate courses must be approved by the Department and College Curriculum Committee before being presented to the Undergraduate Curriculum and Catalog Review Committee. Proposals for new courses intended for inclusion in the General Education Program must also be approved by the General Education Curriculum Advisory Committee before being presented to the Undergraduate Curriculum and Catalog Review Committee. Courses recommended by the committee to the Vice President for Academic Affairs must be approved before they can be scheduled. Editorial corrections to existing catalog or syllabi text (i.e. misspellings, grammar, formatting or college introductions) do not require the submission of a proposal and departments are encouraged to address these directly to the University Registrar.

Graduate level courses (all 600/700 and those 500-level courses that may be taken for graduate credit) must be approved by the Department before being submitted to the Graduate Curriculum and Catalog Review Committee. The committee must recommend the course to the Vice President for Academic Affairs for approval before it can be scheduled.

I. Proposal Submission Criteria

1. Coversheet

A cover sheet must be submitted for each proposal.

The purpose of the coversheet is to provide a brief overview of the types of changes requested in the proposal and includes items such as:

- a. Prerequisite Change
 - b. Course Title Change
 - c. Course Number Change
 - d. Course Credit Hours Change
 - e. Catalog Course Description
 - f. Minor change to Course content, objectives or delivery
 - g. Course Syllabi change
 - h. Course Deletions
 - i. New Course
 1. Attach the New Course Form. Resources required for new courses must be approved through the college resource allocation process.
 - j. Program Revisions
 1. This includes program revisions and additions or deletions of options. Attach the Revision of Existing Program Form; completing both the current and proposed programs.
2. Proposal Description with Rationale (State current status, proposed change, and why the change is desired. Attach additional sheets if necessary. If the proposal in any way alters the requirements for the program, complete the Revision of Existing Program section of this form):

3. Approval and Subsequent Reviews

All curriculum changes and new courses must be approved, as follows:

1. Department Chair
2. Chair, Department Curriculum Committee
3. Chair, College Curriculum Committee
4. Professional Education Committee (if applicable)
(If this proposal in any way affects a professional education program, it must be submitted to and approved by the Professional Education Committee)
5. General Education Curriculum Advisory Committee
(If the proposal in any way affects the General Education Program, it must be submitted to and approved by the General Education Curriculum Advisory Committee)
6. Faculty Senate President
7. Chair, UG Curriculum and Catalog Review Committee
8. Vice President for Academic Affairs

All courses must be reviewed departmentally at three-year intervals.

Date	Action	Reviewed By

Revised 08/17/05

Office of the University Registrar
Radford University
Phone: 540.831.5271 Fax: 540.831.6642

Radford University
P.O. Box 6904, Radford, VA 24142
Division of Academic Affairs

Cover Sheet for Proposal to the Undergraduate Curriculum and Catalog Review Committee

Note: For new courses, use the New Course Proposal Form

Proposal Number (Assigned by the Registrar):

Date: September 24th, 2009

Department: Anthropological Sciences Program, School of Environmental and Physical Science

Contact Person: Donna C. Boyd

Course or Program ID:

Proposal Category (check all that apply):

Course Prerequisite Change

Course Title Change (23 characters):

Course Deletion

Course Number Change

Program Revision (Attach Revision of Existing Program Form)

New Program (Major, minor, and certificate)

Course Credit Hour Change

New Course (attach New Course Proposal Form)

Course Syllabi Change

Change to Catalog Description

Minor Change to Course

Proposal Description with Rationale (State current status, proposed change, and why the change is desired. Attach additional sheets if necessary. If the proposal in any way alters the requirements for the program, complete the Revision of Existing Program section of this form):

See attached documentation.

Approved proposals traditionally go into effect the next academic year. However, if seeking an alternative effective date, please indicate the requested date in the space provided below, along with reason:

Effective Date: Upon approval by the committee

Reason for requesting an alternative effective date (please type or write in your reason for the change here):

We would like to expedite the process to ensure timely graduation of our students.

Include a copy of the old and new syllabi to this proposal for comparison.

For Program Revisions, attach the Revision of Existing Program Form and include both the current and proposed program.

For New Course Proposals, attach the New Course Proposal and Assessment of Library Resources Forms with appropriate signatures.

Special Note: Changes to course syllabi must be submitted to the Registrar's Office on either a 3 1/4 floppy disk or ZIP disk after final approval by the Vice President for Academic Affairs.

Signature	Title	Date
	Department Curriculum Committee Chair	
	Department Chair	
	College Curriculum Committee Chair	
	College Dean	
If this proposal in any way affects a professional education program, it must be submitted to and approved by the Professional Education Committee and the Faculty Senate:		
	Professional Education Committee Chair	
	General Education Curriculum Advisory Committee Chair	
	Faculty Senate President	
	UG Curriculum & Catalog Review Committee	
	VP for Academic Affairs	

Revised 08/17/05

Office of the University Registrar

University

Radford University

Radford, VA 24142

Phone: 540.831.5271 Fax: 540.831.6642

Student Affairs

Radford

P.O. Box 6904,

Division of

Revision of Existing Program

Contrast the current program with the proposed program, including credits required for the degree. Make sure all changes are noted. Attach additional sheets if necessary.

Existing Program:

Proposed Program:

[Top of Page](#)

[Registrar's Homepage](#)

[RU Home](#)

EO Statement

Questions about or problems with this website?

Contact cllewis@radford.edu

REVISION OF EXISTING PROGRAM—ANTHROPOLOGY

I. Existing Program

ANTHROPOLOGY PROGRAM

(The Anthropology program is undergoing restructuring).

All requirements for anthropology majors are outlined below. Among the requirements are 20 semester hours of Required Courses and 21 hours of department electives.

Core Curriculum Requirements 43-45 (see p. **)

Required Courses	20
ANTH 120. Physical Anthropology.	3
ANTH/SOCY 121. Understanding Cultures	3
ANTH 122. Introduction to Archeology.	3
SOCY 482. Practicing Ethnographic Methods.	4
ANTH 482. Quantitative and Computer Methods in Anthropology.	4
ANTH 497. Senior Seminar in Anthropology.	3

Anthropology Electives 21 A minimum of 21 hours of anthropology electives, at least one course each from the following groups listed below.

Group A: Cultural Anthropology—at least 3 credits. Group A courses include: SOCY 301, 333, 411, 421, 435, 475, 486.

Group B: Physical Anthropology—at least 3 credits. Group B courses include: ANTH 230, 320, 330, 410, 420.

Group C: Archaeology—at least 3 credits. Group C courses include: ANTH 232, 322, 332, 492.

Courses selected must include 3 ANTH/SOCY courses at the 300- or 400-level, abiding by the prerequisites, limits, and stipulations as stated in this catalog.

B.A./B.S. Requirements 6-12 (see below)

Electives

Students should consult with their academic advisers in selecting elective courses to complete 120 hours required for graduation.

Total Credits Needed for Degree 120

B.A./B.S. REQUIREMENTS

B.A. Requirements

The Bachelor of Arts degree requires completion of the B.A. language requirements described on p. ** of this catalog.

B.S. Requirements

Department majors pursuing the Bachelor of Science degree must complete six to eight semester hours beyond the Core Curriculum requirements in courses chosen from the following:

APST 200. Introducing Appalachia.	3
APST 460. Seminar: Current Issues in Appalachian Studies.	3
BIOL 301. Bioethics.	2
BIOL 302. Science, Technology and Society.	2
BIOL 322. Human Anatomy.	6
COMS 114. Public Speaking.	3
COMS/POSC 327. Politics and the Media.	3
ECON 203. Public Finance.	3
ENGL 306. Professional Writing.	3
ENGL 446. Appalachian Folklore	3
GEOG 250. Introduction to GIS.	3
GEOL 320. Sedimentation and Stratigraphy.	4
GEOL 335. General Paleontology.	4
HIST 295. The Historian's Craft.	3
ITEC 100. Introduction to Information Technology.	3
POSC 335. American Public Policy.	3
SOCY 380. Introduction to Social Research Methods.	3

GRADUATION REQUIREMENTS

To graduate with a major in Anthropology, a student must have a grade point average of 2.0

or higher in all courses taken with a SOCY or ANTH prefix. Majors must complete all required courses in the major curricula listed above with a grade of “C” or better.

ANTHROPOLOGY MINOR
(18 semester hours)

This minor consists of a minimum of 18 semester hours in anthropology, including ANTH 120, ANTH/SOCY 121, and ANTH 122. Up to six semester hours in sociology at the 300- or 400-level may count toward a minor in anthropology.

II. Proposed Program

ANTHROPOLOGICAL SCIENCES (ANSC)

ANTHROPOLOGICAL SCIENCES MAJOR

B.A. OR B.S. DEGREE

The Anthropological Sciences major provides specialized training in Biological Anthropology, Archaeology, and Forensic Anthropology. All requirements for an Anthropological Sciences major are outlined below. In addition to the core of required courses, students have the option of selecting a concentration in Forensic Anthropology.

Core Curriculum Requirements
(see p.)

43-45

Required Anthropological Sciences Courses

20

ANSC 101 (Human Origins and Biocultural Evolution)

3

ANSC 201 (Introduction to Anthropological Research)

2

ANSC 301 (Principles of Archaeology/Lab)

4

ANSC 302 (Principles of Biological Anthropology/Lab)

4

ANSC 303 (Quantitative and Computer Methods)

4

ANSC 401 (Anthropological Theory)

3

Anthropological Sciences Electives

18

Forensic Anthropology Concentration

Students interested in specializing in Forensic Anthropology have the option of choosing a Forensic Anthropology Concentration. This pre-professional concentration prepares students for graduate-level study of recent unidentified human remains in a medicolegal context. Students will fulfill all of the required core classes for the major (listed above) and use 14 of their 18 elective hours to complete the following:

ANSC 210 (Introduction to Forensic Anthropology)

3

ANSC 211 (Introduction to Forensic Archaeology)	3
ANSC 320 (Human Osteology)	4
ANSC 420 (Advanced Forensic Anthropology)	4

B.A./B.S. REQUIREMENTS

All majors in Anthropological Sciences must complete STAT 200, which is a class approved for Core Curriculum credit. Students are encouraged to take STAT 200 in order to fulfill this requirement and their Core Curriculum requirement for College Core B: Mathematical or Natural Sciences

B. A. Requirements

6 – 12

The Bachelor of Arts degree requires completion of the B. A. language requirements described on p. of this catalog.

B. S. Requirements

8

Students choosing to earn a B.S. must select 8 additional credits, including at least one lab science course worth four or more credits from any departments or programs in the College of Science and Technology. Because of the interdisciplinary nature of the anthropological sciences, students are encouraged to choose these courses according to their own specific interests and career goals and in consultation with their academic advisors. These 8 credits must be in addition to the Core Curriculum requirements in Mathematical or Natural Sciences.

Total Credits Needed for Degree

120

Graduation Requirements

Students must earn a grade of “C” or better in all Anthropological Sciences courses which are counted toward the major.

ANTHROPOLOGICAL SCIENCES MINOR

(18 semester hours)

ANSC 101 (Human Origins and Biocultural Evolution)	3
ANSC 301 (Principles of Archaeology/Lab)	4
ANSC 302 (Principles of Biological Anthropology/Lab)	4
ANSC electives	7

ANTHROPOLOGICAL SCIENCES ELECTIVES

ANSC 210 Introduction to Forensic Anthropology	3
ANSC 211 Introduction to Forensic Archaeology	3
ANSC 320 Human Osteology	4
ANSC 321 Archaeological Field and Lab Methods	3
ANSC 330 Primate Studies	3
ANSC 332 World Prehistory	3
ANSC 361 Human Impacts on the Prehistoric Environment	3
ANSC 410 Paleoanthropology	3
ANSC 420 Advanced Forensic Anthropology	4

ANSC 430 Bioarchaeology	3
ANSC 493 Archaeology Field School	3-6
ANSC 495 Seminar in Anthropological Sciences	1-4
ANSC 498 Independent Study	1-6
ANSC 499 Internship	3-6

III. Revision Summary and Justification

A. Title Change for Major and Minor

<u>Old</u>	<u>New</u>
Anthropology	Anthropological Sciences

Justification

The name change for the program reflects the recent restructuring of the major, including the relocation of it from the College of Humanities and Behavioral Sciences to the College of Science and Technology (CSAT) and its inclusion in the new School of Environmental and Physical Science (SEPS). It also reflects the restructuring of the mission and goals of the program (which complement that of CSAT and SEPS), namely for students to learn the use of the scientific method to answer forensic, archaeological, and evolutionary questions.

B. Prefix Change

<u>Old</u>	<u>New</u>
ANTH	ANSC*

*applies to the ANTH courses listed in this proposal, including ANTH 120, 122, 230, 232, 320, 322, 330, 332, 410, 420, 482, 488, 492, 495, 497, 498, and 499.

Justification

The ANSC prefix better reflects the title and focus of the courses included in the restructured major.

C. Number of Hours Required for Major

<u>Old</u>	<u>New</u>
Required: 20	Required: 20
Electives: 21	Electives: 18
Total: 41	Total: 38

Justification

The reduced number of hours required for the restructured major reflects the narrower and more focused curriculum, as well as the reduced personnel available to teach in the major, which limits the number of electives which can be offered any given semester and year.

D. Core Courses Required for the Major

Old

ANTH 120
 ANTH /SOCY 121
 ANTH 122
 ANTH 480
 ANTH 482
 ANTH 497

New

revised into ANSC 302--Principles of Biological Anthropology
 now SOCY 121; not part of the ANSC curriculum
 revised into ANSC 301--Principles of Archaeology
 now SOCY 482; dropped from old major upon restructuring
 renamed ANSC 303--Quantitative and Computer Methods
 revised as ANSC 201—Intro to Anthropological Research
 ANSC 101—new course
 ANSC 401—revision of ANTH 322 (Theory)

Justification

Change in the core courses required for the major reflects restructuring of the major (and the anthropologists responsible for administering it) into CSAT and SEPS. For example, of the three introductory courses required for the prior ANTH major, two (ANTH 120 and 122) are kept because they still reflect the expertise of the ANSC faculty and the focus of the program. They are revised into ANSC 301 and 302 and now include laboratory components consistent with the CSAT structure and mission. The third former Intro class (ANTH 121) is now a Sociology course and will, after this year, no longer be taught by ANSC faculty—thus, it is not part of the ANSC curriculum. ANTH 480 has also been converted to a Sociology course and is not part of the ANSC curriculum. The remaining changes include the addition of one new course (ANSC 101— Human Origins and Biocultural Evolution), which will serve as the new gateway to the major. It better reflects the expertise of the ANSC faculty and the focus of the restructured major on Biological Anthropology, Forensic Anthropology, and Archaeology. Finally, two prior ANTH courses are revised and included in the required course listing. They include ANSC 303—Quantitative and Computer Methods—and ANSC 401 (Theory) which is a revision of ANTH 322 (Method and Theory in Archaeology).

E. Electives for the Major**Old**

A minimum of 21 hours, with at least one course each from three groupings (Group A: Cultural Anthropology, Group B: Physical Anthropology; Group C: Archaeology)

New

A minimum of 18 hours (with no stipulations regarding groupings).

Justification

With the dissolution of the former Department of Sociology and Anthropology, several Anthropology electives were either dropped from the catalog or turned into Sociology courses. These were primarily Cultural Anthropology courses. The Anthropological Sciences major is more focused, with only two interrelated subfields instead of three, and thus, it is no longer necessary to organize electives into required groupings or to require 21 hours of them.

F. B.S. Requirements**Old**

Majors must complete 6 – 8 hours beyond the Core Curriculum requirements, chosen from a list.

New

Majors must complete 8 hours, including at least one lab science course worth four or more credits, from the following list of classes:

- BIOL: 103, 104, 131, and any class numbered 200 or above
- CHEM: 101, 102, 120, and any class numbered 200 or above
- GEOG: 130, 250, 270, 315, 334, 335, 336, 350, 410, 412, 425
- GEOL: 105, 106, and any class numbered 200 or above
- ITEC: 120, or any class numbered 200 or above
- MATH: 151, 152, 251, 252, 260
- PHYS: 111, 112, and any class numbered 200 or above
- STAT: any class numbered 200 or above, except for STAT 200

Justification

Courses in the College of Science and Technology will more strongly complement the focus and objectives of the revised Anthropological Sciences Program. Because of the interdisciplinary nature of the field, students are encouraged to select these courses based on their own specific interests and career goals.

G. Minor Requirements

Old

ANTH 120

ANTH 121

ANTH 122

9 add. hours (3 hrs SOCY may count)

Total = 18 hours

New

revised into ANSC 302

renamed SOCY 121; not included in the ANSC major

revised into ANSC 301

ANSC 101

9 add. hours of ANSC courses

Total = 18 hours

Justification

Changes in the Minor are few. They include replacing the former requirement of ANTH/SOCY 121 with ANSC 101 and the exclusion of SOCY classes to fulfill Minor requirements. These changes reflect the restructured focus of Anthropological Sciences on Biological Anthropology and Archaeology (as introduced in ANSC 101) and the deletion of the ANTH/SOCY 121 course from the Anthropology curriculum.

H. Addition of Forensic Anthropology Concentration

Fourteen of the 18 hours of Anthropological Sciences electives may be chosen to focus on Forensic Anthropology to fulfill a Forensic Anthropology Concentration. These include:

- ANSC 210 (Intro to Forensic Anthropology) 3 hours
- ANSC 211 (Forensic Archaeology) 3 hours
- ANSC 320 (Human Osteology) 4 hours
- ANSC 420 (Advanced Forensic Anthropology) 4 hours.

Justification

Forensic Science is currently a major in much demand across college campuses today. Likewise, the nation is seeing a shortage of qualified forensic scientists, resulting in increased backlogs in the handling, analysis, and interpretation of forensic evidence (e.g., DNA). Interest and need in Forensic Anthropology mirrors this trend. Much specialized (and technical) training is required in Forensic Anthropology, including advanced knowledge of Human Osteology, Skeletal Biology, and Forensic Archaeology, as well as Courtroom Testimony and handling of Forensic Evidence. Graduate Schools offering training in Forensic Anthropology are few and are quite competitive, given the specialized nature of this field. And to be a Forensic Anthropologist, a graduate degree is a “must.” Students with a Concentration in Forensic Anthropology will be in a stronger position to gain admission to these graduate programs and to do well in their curricula. The Concentration course listing also gives students a clear direction in terms of their course choices and career direction.

Finally, the Forensic Anthropology Concentration provides structured course electives to fulfill both the Interdisciplinary Minor in Forensic Science (administered through the RU Forensic Science Institute—RUFISI) and the Interdisciplinary Minor in Forensic Studies (administered through the Criminal Justice department).

I. New Course Proposals (see attached “New Course Proposal” documentation)

- ANSC 101 (Human Origins and Biocultural Evolution)
- ANSC 321 (Archaeological Field and Laboratory Methods)
- ANSC 361 (Human Impacts on the Prehistoric Environment)
- ANSC 430 (Bioarcheology)

J. Course Revisions (see attached documentation for each course)

Summary

1. Course Prerequisite and Duplicate Credit Requirement Change:
ANSC 120, 122, 220, 230, 320, 330, 322, 332, 410, 420, 493, 495, 497, 498, 499
2. Course Title Change:
ANSC 120, 122, 322, 410, 495, 497
3. Course Number Change:
ANSC 120, 122, 220, 230, 322, 332, 482, 492, 497
4. Course Credit Hour Change:
ANSC 120, 122, 322, 488
5. Course Syllabi Change:
ANSC 120, 122, 303, 322, 497
6. Change to Catalog Description:
ANSC 120, 122, 303, 322, 410, 495, 497, 498, 499
7. Minor Change to Course:
ANSC 120, 122, 303, 322, 497

K. Effect upon existing curricula

Changes upon existing curricula are minor and are as follows:

1. The revision of ANTH 120 into ANSC 302 precludes the use of ANTH 120 as an elective for the Interdisciplinary Minor in Forensic Studies administered through Criminal Justice. The Department of Criminal Justice has been notified of this change and recommendations for alternate electives been suggested;
2. The revised catalog description of ANSC 495 deletes the possibility of using this course as an elective for the Appalachian Studies Interdisciplinary Minor. The Appalachian Studies program has been notified of this change.