APPLIED ANTHROPOLOGY AND GEOGRAPHY (BA)

Degree: Bachelor of Arts
Major: Applied Anthropology and Geography
Program Code: 3780

About This Major...

The digital humanities and social sciences, an interdisciplinary field that combines technology skills with social science knowledge, is a growing, innovative collaboration of disciplines making its impact nation-wide. Upon graduation, all students will have knowledge of cartography and GIS, as well as physical anthropology and archaeology. GIS is an applied skill that will give the students in the anthropological sub disciplines a niche to set them apart from other anthropology undergraduates. The anthropological disciplines provide students, who focus on GIS, a subject matter with which to hone their GIS skills.

BA-seeking students in this program will learn to think critically and ask theoretically-grounded questions about human lives in the immediate area, the surrounding region, and ultimately, across the western USA, in a program that seamlessly blends the acquisition of academic and professional skills. Furthermore, practical training in archaeological, geographical and forensic anthropological field research allows students to take full advantage of the applied employment opportunities available across the western slope and Colorado Plateau as part of energy extraction, law enforcement and/or civil engineering (for example).

For more information on what you can do with this major, visit Career Services' What to Do with a Major? [https://www.coloradomesa.edu/career/students/explore/major.html] resource.

All CMU baccalaureate graduates are expected to demonstrate proficiency in specialized knowledge/applied learning, quantitative fluency, communication fluency, critical thinking, personal and social responsibility, and information literacy. In addition to these campus-wide student learning outcomes, graduates of this major will be able to:

1. Demonstrate effective communication both orally and in writing by being precise, including factual, well-cited details, organizing facts appropriately, and using non-judgmental language through professional documentation and/or oral presentations. (Communication Fluency)
2. Apply basic research methodology sufficient to evaluate research in the discipline to include the ability to articulate the difference between qualitative and quantitative research methods, and describe and use descriptive statistics and basic analytical statistics. (Quantitative Fluency)
3. Demonstrate tools to be life-long learners to include evaluation of information from other students' research, material found on the internet, and scholarly journal articles. (Critical Thinking)
4. Demonstrate a set of tools appropriate to the sub-discipline (specialized knowledge): Archaeology students: demonstrate a basic set of field archaeological skills and Forensic Anthropology students: macerate remains and conduct a basic osteological analysis. (Specialized Knowledge)
5. Demonstrate the ability to create maps in a geographical information system program and do basic spatial analysis. (Specialized Knowledge)

Requirements

Each section below contains details about the requirements for this program. Select a header to expand the information/requirements for that particular section of the program's requirements.

To print or save an overview of this program's information, including the program description, learning outcomes, requirements, suggested course sequencing (if applicable), and advising and graduation information, scroll to the bottom of the left-hand navigation menu and select 'Print Options.' This will give you the options to either 'Send Page to Printer' or 'Download PDF of This Page.' The 'Download PDF of This Page' option prepares a much more concise presentation of all program information. The PDF is also printable and may be preferable due to its brevity.

Institutional Degree Requirements

The following institutional degree requirements apply to all CMU baccalaureate degrees. Specific programs may have different requirements that must be met in addition to institutional requirements.

- 120 semester hours minimum.
- Students must complete a minimum of 30 of the last 60 hours of credit at CMU, with at least 15 semester hours in major discipline courses numbered 300 or higher.
- 40 upper-division credits (an alternative credit limit applies to the Bachelor of Applied Science degree).
- 2.00 cumulative GPA or higher in all CMU coursework.
- A course may only be used to fulfill one requirement for each degree/certificate.
- No more than six semester hours of independent study courses can be used toward the degree.
- Non-traditional credit, such as advanced placement, credit by examination, credit for prior learning, cooperative education and internships, cannot exceed 30 semester credit hours for a baccalaureate degree. A maximum of 15 of the 30 credits may be for cooperative education, internships, and practica.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- Capstone exit assessment/projects (e.g., Major Field Achievement Test) requirements are identified under Program-Specific Degree Requirements.
- The Catalog Year determines which program sheet and degree requirements a student must fulfill in order to graduate. Visit with your advisor or academic department to determine which catalog year and program requirements you should follow.
- See “Requirements for Undergraduate Degrees and Certificates” in the catalog for a complete list of graduation requirements.

Essential Learning Requirements

(31 semester hours)

See the current catalog for a list of courses that fulfill the requirements below. If a course is an Essential Learning option and a requirement for your major, you must use it to fulfill the major requirement and make a different selection for the Essential Learning requirement.
### Program Specific Degree Requirements

(58 semester hours)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Major Core Courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTH 202</td>
<td>Introduction to Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 231 &amp; 231L</td>
<td>Survey of Biological Anthropology and Survey of Biological Anthropology Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>ARKE 205</td>
<td>Principles of Archaeology</td>
<td>3</td>
</tr>
<tr>
<td>ARKE 225</td>
<td>Introduction to North American Archaeology</td>
<td>3</td>
</tr>
<tr>
<td>ARKE 410 &amp; 410L</td>
<td>Field Methods in Archaeology and Field Methods in Archaeology Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>GEOG 102</td>
<td>Human Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 131</td>
<td>Introduction to Cartography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 341</td>
<td>GIS for Social Scientists</td>
<td>3</td>
</tr>
<tr>
<td>&amp; 341L</td>
<td>and GIS for Social Scientists Lab</td>
<td></td>
</tr>
<tr>
<td>GIST 332</td>
<td>Introduction to Geographic Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>&amp; 332L</td>
<td>and Introduction to Geographic Information Systems Laboratory</td>
<td></td>
</tr>
<tr>
<td>STAT 215</td>
<td>Statistics for Social and Behavioral Sciences</td>
<td>4</td>
</tr>
</tbody>
</table>

**Applied Anthropology and Geography Electives**

Select 18 semester hours from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 222</td>
<td>World Prehistory</td>
<td></td>
</tr>
<tr>
<td>ANTH 331</td>
<td>Forensic Anthropology</td>
<td></td>
</tr>
<tr>
<td>ANTH 341</td>
<td>Indigenous Cultures of North America</td>
<td></td>
</tr>
<tr>
<td>ARKE 320</td>
<td>Colorado Archaeology</td>
<td></td>
</tr>
<tr>
<td>ARKE 350</td>
<td>Southwest Archaeology</td>
<td></td>
</tr>
<tr>
<td>ARKE 352</td>
<td>Paleolithic Archaeology</td>
<td></td>
</tr>
<tr>
<td>ARKE 402</td>
<td>Cultural Resource Management</td>
<td></td>
</tr>
<tr>
<td>ARKE 466</td>
<td>Field Research in Archeology</td>
<td></td>
</tr>
<tr>
<td>ARKE 467</td>
<td>Archaeology Lab Methods</td>
<td></td>
</tr>
<tr>
<td>&amp; 467L</td>
<td>and Archaeology Laboratory</td>
<td></td>
</tr>
<tr>
<td>ARKE 499</td>
<td>Internship</td>
<td></td>
</tr>
<tr>
<td>CRMJ 280 &amp; 280L</td>
<td>Crime Scene Processing and Crime Scene Processing Laboratory</td>
<td></td>
</tr>
<tr>
<td>FOAN 232</td>
<td>Survey of Forensic Science</td>
<td></td>
</tr>
<tr>
<td>&amp; 232L</td>
<td>and Survey of Forensic Science Laboratory</td>
<td></td>
</tr>
<tr>
<td>FOAN 480</td>
<td>Professional Issues in Forensic Science</td>
<td></td>
</tr>
<tr>
<td>FOAN 499</td>
<td>Internship</td>
<td></td>
</tr>
<tr>
<td>GEOG 103</td>
<td>World Regional Geography</td>
<td></td>
</tr>
<tr>
<td>GEOG 399</td>
<td>Internship</td>
<td></td>
</tr>
</tbody>
</table>

### Foundation Courses

(6 semester hours)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Two consecutive courses in the same foreign language</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FLAS 114 &amp; FLAS 115 will not fulfill this requirement.</td>
<td></td>
</tr>
</tbody>
</table>

### Other Lower Division Requirements

(7 semester hours)

**Wellness Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINE 100</td>
<td>Health and Wellness</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Select one Activity course</td>
<td></td>
</tr>
<tr>
<td>KINA 112</td>
<td>Hiking</td>
<td>1</td>
</tr>
<tr>
<td>or KINA 120</td>
<td>Backpacking</td>
<td></td>
</tr>
</tbody>
</table>

**Essential Learning Capstone**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESSL 290</td>
<td>Maverick Milestone</td>
<td>3</td>
</tr>
<tr>
<td>ESSL 200</td>
<td>Essential Speech</td>
<td>1</td>
</tr>
</tbody>
</table>

Total Semester Credit Hours: 7

**Restricted Electives**

Select 6 semester hours from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 105 &amp; 105L</td>
<td>Attributes of Living Systems and Attributes of Living Systems Laboratory-GTSC1</td>
<td></td>
</tr>
<tr>
<td>BIOL 209 &amp; 209L</td>
<td>Human Anatomy and Physiology and Human Anatomy and Physiology Laboratory</td>
<td></td>
</tr>
<tr>
<td>BIOL 210 &amp; 210L</td>
<td>Human Anatomy and Physiology II and Human Anatomy and Physiology II Laboratory</td>
<td></td>
</tr>
<tr>
<td>BIOL 241</td>
<td>Pathophysiology</td>
<td></td>
</tr>
<tr>
<td>BIOL 403</td>
<td>Evolution</td>
<td></td>
</tr>
</tbody>
</table>

1. Must receive a grade of "C" or better and must be completed by the time the student has 60 semester hours.

1. Essential Learning Capstone must be taken after completion of the Essential Learning English and Mathematics requirements and when a student has earned between 45 and 75 hours.
BIOL 410 & 410L Human Osteology and Human Osteology Laboratory

GEOG 402 Applications of Geomorphology & Applications of Geomorphology Laboratory

GIST 321 Introduction to Remote Sensing & Introduction to Remote Sensing Laboratory

GIST 375 Global Positioning Systems for GIS & Global Positioning Systems for GIS Laboratory

HIST 409 Material Culture Studies

HIST 435 Classical Archaeology

Total Semester Credit Hours 58

1

ARKE 466 requires students to be in the field or lab for a minimum of 6 hours per day for 7 weeks.

2

Students taking ARKE 466 are required to take ARKE 467 and ARKE 467L during the subsequent fall semester.

General Electives

(All college level courses appearing on your final transcript not listed above that will bring your total semester hours to 120 hours. Could be up to 18 semester hours.)

Select electives 18

Total Semester Credit Hours 18

Suggested Course Plan

First Year

Fall Semester

Semester Credit Hours

ANTH 202 or GEOG 102
Introduction to Anthropology-GTSS3 or Human Geography-GTSS2 3

GEOG 231 & 231L
Survey of Biological Anthropology and Survey of Biological Anthropology Laboratory 4

ENGL 111
English Composition I-GTCO1 3

Essential Learning - Social and Behavioral Sciences 3

Essential Learning - Natural Sciences 3

Spring Semester

Semester Credit Hours 16

ENGL 112
English Composition II-GTCO2 3

Essential Learning - Fine Arts 3

Essential Learning - History 3

GEOG 131
Introduction to Cartography 3

MATH 110
College Mathematics-GTMA1 (or higher) 3

Semester Credit Hours 15

Second Year

Fall Semester

ANTH 202 or GEOG 102
Introduction to Anthropology-GTSS3 or Human Geography-GTSS2 3

Essential Learning - Natural Sciences with lab 4

Essential Learning - Humanities 3

Essential Learning - Social and Behavioral Sciences 3

Foreign Language 3

Semester Credit Hours 16

Spring Semester

ANTH 205
Principles of Archaeology - GTSS3 3

ESSL 290
Maverick Milestone 3

ESSL 200
Essential Speech 1

Foreign Language 3

KINE 100
Health and Wellness 1

STAT 215
Statistics for Social and Behavioral Sciences 4

Semester Credit Hours 15

Third Year

Fall Semester

Applied Anthropology and Geography Elective 3

ARKE 225
Introduction to North American Archaeology 3

General Elective 3

GIST 332 & 332L
Introduction to Geographic Information Systems and Introduction to Geographic Information Systems Laboratory 3

Restricted Elective 3

Semester Credit Hours 15

Spring Semester

Applied Anthropology and Geography Elective 3

ARKE 410 & 410L
Field Methods in Archaeology and Field Methods in Archaeology Laboratory 5

General Elective 3

GEOG 341 & 341L
GIS for Social Scientists and GIS for Social Scientists Lab 3

KINA 112/120
Hiking 1

Semester Credit Hours 15

Fourth Year

Fall Semester

Applied Anthropology and Geography Electives 6

General Electives 6

Restricted Elective 3

Semester Credit Hours 15

Spring Semester

Applied Anthropology and Geography Electives 6

General Electives 6

KINA Activity Course 1

Semester Credit Hours 13

Total Semester Credit Hours 120

Advisory and Graduation

Advising Process and DegreeWorks

Documentation on the pages related to this program is intended for informational purposes to help determine what courses and associated requirements are needed to earn a degree. The suggested course sequencing outlines how students could finish degree requirements. Some courses are critical to complete in specific semesters, while others may be moved around. Meeting with an academic advisor is essential in planning courses and altering the suggested course sequencing. It is ultimately the student’s responsibility to understand and fulfill the requirements for her/his intended degree(s).

DegreeWorks is an online degree audit tool available in MAVzone. It is the official record used by the Registrar’s Office to evaluate progress towards a degree and determine eligibility for graduation. Students are responsible for reviewing their DegreeWorks audit on a regular basis and should discuss questions or concerns with their advisor or academic department head. Discrepancies in requirements should be reported to the Registrar’s Office.
Graduation Process
Students must complete the following in the first two months of the semester prior to completing their degree requirements:

- Review their DegreeWorks audit and create a plan that outlines how unmet requirements will be met in the final semester.
- Meet with their advisor and modify their plan as needed. The advisor must approve the final plan.
- Submit the “Intent to Graduate” form to the Registrar’s Office to officially declare the intended graduation date and commencement ceremony plans.
- Register for all needed courses and complete all requirements for each degree sought.

Submission deadlines and commencement details can be found at http://www.coloradomesa.edu/registrar/graduation.html.

If a student's petition for graduation is denied, it will be her/his responsibility to consult the Registrar's Office regarding next steps.