

# ***Applied Information Technology***

## ***Major Requirements***

### **Required AIT “Foundation” Courses**

CSCI 152 – Programming with Visual Basic  
 APIT 155 – Foundations of Information Technology  
 APIT 200 – Web Technologies  
 CSCI 260 – Introduction to Databases & Applications  
 CSCI 300 – Networking I  
 APIT 369 – Web Design

COMM 250 – Speech Communication  
 ENGL 255 – Intro to Professional Writing  
 MATH 150 – Elementary Discrete Math  
 MSTI 130 – Math Modeling &  
 Quantitative Analysis

APIT 309 – Professional Development  
 APIT 401 – Organizing IT in a Global Age  
 APIT 480 – Senior Project  
 APIT 490 – Internship

### **Anthropology Second Discipline**

#### Why Choose Anthropology as a Second Discipline?

The potential that technology offers in allowing for the digitization of museum artifacts and collections continues to unfold. As well, the way we acquire, record, transmit and publish data has changed enormously over the last decade. The portability of information technology, available via with new tools and peripherals, facilitates not only the collection of visual and aural data, but its integration with field notes on a scale not previously possible. The power of emerging technologies truly facilitate the move from the local to the field and permits collection of a richer variety of data. New techniques of manipulating data increasingly affect the sorts of analysis, as well. As fieldworkers and researchers pipe more varied data across world-wide communication channels, this material will be looking for new publishing outlets; such material has the potential to alter the world of anthropological publishing where sounds and images are richly and interactively integrated with text. Information technology is affecting anthropology at various levels ~ data, method, and subject. It has the potential of revolutionizing the discipline, and in making anthropology less reserved and more accessible.

#### **Required**

ANTH 100 – Introduction to Anthropology (3)  
 ANTH 201 or 202 – Human Evolution (3)  
     - Archaeology (3)  
 ANTH 203 or 204 – Studying World Cultures (3)  
     - Studying Languages Linguistics (3)  
 ANTH 228 - Introduction to Museum Studies (3)  
 ANTH 303 – Seminar in Paleoanthropology (3)  
 ANTH 305 – Seminar in Cultural Anthropology (3)  
 ANTH 490 – Internship (1-6)  
 ANTH 493 – Fieldwork (3-6)  
 ANTH 496 – Independent Study (3-6)  
**(27 credit hours)**

Note: All courses listed are three (3) credit hours unless otherwise noted.

# Applied Information Technology Major

## Anthropology Second Discipline

### Freshman

<b>Fall</b>	<b>Credit Hours</b>
- Foundations of IT (APIT 155)	3
- Elementary Discrete Math (MATH 150)	3
- <i>Introduction to Anthropology (ANTH 100)</i>	3

<b>Spring</b>	<b>Credit Hours</b>
- Programming with Visual Basic (CSCI 152)	3
- Math Modeling and Quantitative Analysis (MSTI 130)	3
- <i>Human Evolution (ANTH 201) or Archaeology (ANTH 202)</i>	3

### Sophomore

<b>Fall</b>	<b>Credit Hours</b>
- Web Technologies (APIT 200)	3
- Intro to Professional Writing (ENGL 255)	3
- <i>Studying World Culture (ANTH 203) or Studying Languages Linguistics (ANTH 204)</i>	3

<b>Spring</b>	<b>Credit Hours</b>
- Networking I (CSCI 300)	3
- Speech Communication (COMM 250)	3
- <i>Introduction to Museum Studies (ANTH 228)</i>	3

### Junior

<b>Fall</b>	<b>Credit Hours</b>
- Intro to Databases & Applications (CSCI 260)	3
- Professional Development (APIT 309)	3
- <i>Seminar in Paleoanthropology (ANTH 303)</i>	3
- <i>Anthropology Field Work (ANTH 493)</i>	3-6

<b>Spring</b>	<b>Credit Hours</b>
- Web Design (APIT 369)	3
- Org IT in a Global Age (APIT 401)	3
- <i>Seminar in Cultural Anthropology (ANTH 305)</i>	3

### Senior

<b>Fall</b>	<b>Credit Hours</b>
- Internship (APIT 490)	3
- <i>Anthropology Independent Study (ANTH 496)</i>	3-6

<b>Spring</b>	<b>Credit Hours</b>
- Senior Project ( APIT 480)	3
- <i>Anthropology Internship (ANTH 490)</i>	1-6