

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 E
 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

Economics Second Discipline

What’s the Connection Between Economics and Information Technology?

Analytical and strategic understanding of the significant impact technology can have on an organization’s success and future direction is vital.

Information is an economic good, oddly enough, as information is produced, stored, copied, and traded. Systems bring market data-bit parts together to create and express information in a manner that is meaningful and has integrity. Information economics is highly strategic as it not only is important to know about facts generated by the meaning and integrity of information, but also about what others know. Information technology offers tools and techniques that can work with economics to provide an organization with great strategic possibilities.

Required

ECON 105 Introduction to Microeconomics
 ECON 106 Introduction to Macroeconomics
 ECON 201 Microeconomic Theory
 ECON 221 Statistics I
 ECON 314 Introduction to Econometrics
 ECON 340 International Economics Policy

Three electives chosen from the following:

ECON 202 Macroeconomic Theory
 ECON 224 The Economics of Health Care
 ECON 230 The Economics of the Voluntary Sector
 ECON 301 Money and Banking
 ECON 302 Economics of the Public Sector
 ECON 310 Labor Economics and Labor Relations
 ECON 402 Advanced Economics
 ECON 404 Financial Economics

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

Applied Information Technology Major

Economics Second Discipline

Freshman

| Fall | Credit Hours |
|---|---------------------|
| - Foundations of IT (APIT 155) | 3 |
| - Elementary Discrete Math (MATH 150) | 3 |
| - <i>Intro. to Microeconomics (ECON105)</i> | 3 |

| Spring | Credit Hours |
|--|---------------------|
| - Programming with Visual Basic (CSCI 152) | 3 |
| - Math Modeling and Quantitative Analysis (MSTI 130) | 3 |
| - <i>Intro. to Macroeconomics (ECON 106)</i> | 3 |

Sophomore

| Fall | Credit Hours |
|--|---------------------|
| - Web Technologies (APIT 200) | 3 |
| - Intro to Professional Writing (ENGL 255) | 3 |
| - <i>Microeconomic Theory (ECON 201)</i> | 3 |

| Spring | Credit Hours |
|-----------------------------------|---------------------|
| - Networking I (CSCI 300) | 3 |
| - Speech Communication (COMM 250) | 3 |
| - <i>Statistics I (ECON 221)</i> | 3 |

Junior

| Fall | Credit Hours |
|--|---------------------|
| - Intro to Databases & Applications (CSCI 260) | 3 |
| - Professional Development (APIT 309) | 3 |
| - <i>Intl. Economics Policy (ECON 340)</i> | 3 |

| Spring | Credit Hours |
|--|---------------------|
| - Web Design (APIT 369) | 3 |
| - Org IT in a Global Age (APIT 401) | 3 |
| - <i>Intro. to Econometrics (ECON 314)</i> | 3 |

Senior

| Fall | Credit Hours |
|-------------------------|---------------------|
| - Internship (APIT 490) | 3 |
| - <i>ECON elective</i> | 3 |
| - <i>ECON elective</i> | 3 |

| Spring | Credit Hours |
|------------------------------|---------------------|
| - Senior Project (APIT 480) | 3 |
| - <i>ECON elective</i> | 3 |