

Health Information Technology addresses the technology and processes used by healthcare providers and related organizations. The program includes instruction in the technology used to acquire and direct the flow of information between the clinical, administrative and financial systems in the healthcare industry as well as general principles of information technology.

## RECOMMENDED FOUR-YEAR PLAN

### First Year

<i>First Semester • 16 - 17 Credit Hours</i>	<i>Second Semester • 16 - 17 Credit Hours</i>
<b>ENG 111</b> English Composition (3)	<b>CIT 214</b> Database Design & Development (3)
<b>CIT 168</b> IT Tools & Techniques (4)	<b>CSE 231</b> HIT Around the World (3)
<b>STA 261</b> Statistics (4) or <b>STA 301</b> Applied Statistics (3)	<b>CIT 268</b> Intro to Human-Computer Interaction (3)
<b>STC 135</b> Principles of Public Speaking or <b>STC 136</b> Intro to Interpersonal Communication (3)	<b>CSE 163</b> Intro to Computer Concepts & Programming (3)
<b>ELECTIVE</b> Elective ( <b>UNV101</b> and <b>CIT101S</b> recommended)(3)	<b>MTH 125</b> Precalculus (5) or <b>MTH 141</b> Business Calculus (4)

*Freshmen are strongly encouraged to take UNV 101 their first semester*

### Second Year

<i>First Semester • 16 Credit Hours</i>	<i>Second Semester • 15 Credit Hours</i>
<b>BIO 161</b> Principles of Human Physiology (4)	<b>BIO 232</b> Human Heredity (3) or <b>BIO 342</b> Genetics (3)
<b>CIT 201</b> Advanced Spreadsheets & Analytics (3)	<b>CIT 258</b> Intro to Global Cybersecurity (3)
<b>CIT 205</b> Agile Launchpad I (3)	<b>CIT/CSE 262</b> Tech, Ethics & Global Society (3)
<b>CMR 224</b> Medical Terminology (3)	<b>CIT 273</b> Web Application Development (3)
<b>MAJOR</b> Technical Elective (3)	<b>CIT 338</b> Business Intelligence Tools (3)

### Third Year

<i>First Semester • 16 Credit Hours</i>	<i>Second Semester • 15 Credit Hours</i>
<b>BIO 325</b> Pathophysiology (4)	<b>CIT 331</b> Healthcare Workflow & Process Improvement (3)
<b>CIT 348</b> Info Management & Retrieval (3)	<b>CIT 376</b> IT for Organizations (3)
<b>EGS 305</b> Integrative Writing in Global Contexts (3) or <b>EGS 215</b> Workplace Writing (3)	<b>NSG 321</b> US Health Care System & Culture (3)
<b>MPF IIB</b> Humanities or <b>MPF IIC</b> Social Science (based on <b>CIT 262</b> placement) (3)	<b>ELECTIVE</b> Elective ( <b>CIT 357</b> Current Practices in IT recommended) (3)
<b>MPT</b> Thematic Sequence (3)	<b>MAJOR</b> Technical Elective (3)

### Fourth Year

<i>First Semester • 15 Credit Hours</i>	<i>Second Semester • 16 Credit Hours</i>
<b>CIT 448</b> Global Strategic Issues in IT (3)	<b>CIT 431</b> Health Information Technology I (3)
<b>EGS 215</b> Workplace Writing (3) or <b>ENG 313</b> Technical Writing (3)*	<b>CIT 468</b> Health IT Project Lifecycle (4)
<b>MPF IIA</b> Creative Arts (3)	<b>MPF III</b> Global Perspectives (3)
<b>MPF IV</b> Natural Science (physical) (3)	<b>MPT</b> Thematic Sequence (3)
<b>MPT</b> Thematic Sequence (3)	<b>MP-IP</b> Intercultural Perspectives** or <b>ELECTIVE</b> Elective (3)

\***ENG 313** must be taken if **EGS 215** has already been completed

\*\*If **EGS/BIS 305** was not selected, you must take an Intercultural Perspective

*This planning sheet does not guarantee offer of classes in any given semester; please consult with an Advisor to schedule your classes appropriately. Your degree audit is your official program record.*

## CAREER OPTIONS

The health information technology field is relatively young and rapidly growing. Health information professionals work in a variety of settings such as hospitals, physicians' offices, nursing-care facilities, outpatient care centers, home healthcare services, insurance companies, educational environments, federal and state government agencies as well as software and hardware companies. Graduates can pursue a wide variety of careers ranging from but not limited to:

- Business Intelligence Analyst
- Technical Support Specialist
- Software Application Developer
- Database Specialist
- System Use Educator
- Data Security Specialist

## GRADUATION REQUIREMENTS

Students must earn a minimum of 124 credit hours, achieve an overall GPA of 2.0 and a 2.0 in Health Information Technology major courses in order to qualify for graduation. Students should consult with their degree audit and advisor to ensure degree requirements are met.

<http://bulletin.miamioh.edu/liberal-arts-applied-science/health-information-technology-bs/>

## ELECTIVE COURSEWORK

This major has several elective courses. Electives provide an opportunity to explore other disciplines or interest areas. To make the most of your electives consider completing:

- A Minor
- An Internship
- Study Abroad
- A Co-Major or Second Major
- A Service Learning Experience
- A Career Related Experience

## CONTACT INFORMATION

### Department of Computer & Information Technology

513-785-3132  
cit@MiamiOH.edu  
MiamiOH.edu/Regionals/CIT

### Office of Advising

513-727-3440  
regadvising@MiamiOH.edu  
MiamiOH.edu/Regionals/Advising

### Office of Admission

513-785-3111  
MURAdmission@MiamiOH.edu  
MiamiOH.edu/Regionals/Admission

### Career Services and Professional Development

513-785-3113 (MUH) | 513-217-3390 (MUM)  
miamiregionalscareer@MiamiOH.edu  
MiamiOH.edu/Regionals/Careers

## ABBREVIATION KEY

MP-EL = Experiential Learning

MPF I = English Composition

MPF IIC = Social Science

MPF V = Mathematics, Formal Reasoning, Technology

MPT = Thematic Sequence

MP-AW = Advanced Writing

MPF = Global Miami Plan Foundation

MPF IIB = Humanities

MPF IV = Natural Science

MP-IP = Intercultural Perspectives

MPF IIA = Creative Arts

MPF III = Global Perspectives