

BS: Information Technology

Information Technology professionals apply skills and knowledge to provide solutions for those using technological systems to produce, store, retrieve, analyze and send information. The BSIT program provides a broad foundation of knowledge in IT problem solving as well as a concentration of the student's choosing in network administration, software development, Agile practices or a self-designed concentration.

Department of Computer & Information Technology

513-785-3132
cit@MiamiOH.edu

Tutoring and Learning Center (TLC)

513-785-3139
REGTLC@MiamiOH.edu

Office of Advising

513-727-3440
regadvising@MiamiOH.edu

Career Services & Professional Development

513-727-3390
miamiregionalscareer@MiamiOH.edu

Plan Recommendation Chart

	Hours	Course Number or Related Information
Perspectives Area: Formal Reasoning and Communication	9	
Mathematics and Formal Reasoning	3	STA261 Statistics
English Composition	3	ENG111 English Composition (or ENG109)
Advanced Writing	3	ENG313 Technical Writing or EGS215 Workplace Writing
Perspectives Area: Science and Society	13+	
Social Sciences #1	3	STC136
Social Sciences #2	3	Choice
Natural Science #1	3	Choice
Lab	1+	Choice
Natural Science #2	3	Choice
Perspectives Area: Arts and Humanities	6	
Creative Arts	3	Choice
Humanities	3	Choice
Perspectives Area: Global Citizenship	12	
Ethical Citizenship and Leadership	3	Choice (SPA 312 American Deaf Culture recommended)
Intercultural Consciousness	3	Choice
Global Inquiry	3	CIT258 Intro to Global Cybersecurity
Intercultural or Global	3	Choice – any Miami Plan Global Inquiry OR Intercultural Consciousness
Signature Inquiry	9	
Signature Inquiry #1	3	CIT258 Intro to Global Cybersecurity
Signature Inquiry #2	3	Choice (SPA 312 American Deaf Culture recommended)
Signature Inquiry #3	3	Choice
Knowledge in Action	3+	
Senior Capstone	3	CIT458 IT Project Life Cycle II
Experiential Learning	3	CIT457 IT Project Life Cycle I

2024-25 Information Technology Plan of Study

Year One

Fall Semester	Hours	Spring Semester	Hours
CIT101S Computing Skills: Spreadsheets	1	CIT163 Intro to Computer Concepts & Programming	3
CIT167 IT People & Practices	2	CIT181 Network Fundamentals	3
CIT168 IT Tools & Techniques for Orgs	3	CIT214 Database Design & Development	3
ENG111 College Composition	3	CIT268 Human Computer Interaction	3
MTH122 College Algebra or any higher MTH class	3	PA Creative Arts	3
STC136 Intro to Interpersonal Communication (PA)	3		
Total	15	Total	15

Year Two

Fall Semester	Hours	Spring Semester	Hours
CIT205 Agile Launchpad I	3	CIT225 Fund of DevOps (ICAgile)	3
CIT258 Intro to Global Cybersecurity (PA&SI)	3	CIT273 Web Application Development	3
MAJOR IT Foundation Focus Area	3	EGS/BIS 305 Integrative Writing in Global Contexts or EGS319 Medical Writing (SI)	3
MAJOR Technical Elective	3	MAJOR IT Foundation Focus Area	3
STA261 Statistics or STA301 applied Statistics or ISA125 Intro to Business Statistics	3-4	MAJOR Technical Elective	3
Total	15-16	Total	15

Year Three

Fall Semester	Hours	Spring Semester	Hours
CIT262 Tech Ethics & Global Society	3	ELECTIVE	4
CIT348 Info Management & Retrieval	3	ELECTIVE	3
EGS215 Workplace Writing or ENG313 Technical Writing	3	CIT376 IT Assurance & Security	3
MAJOR IT Foundation Focus Area	3	MAJOR IT Foundation Focus Area	3
PA Global Citizenship	3	PA Natural Science	3
Total	15	Total	16

Year Four

Fall Semester	Hours	Spring Semester	Hours
CIT448 Global Strategic Issues in IT	3	CIT458 IT Project Lifecycle II	4
CIT457 IT Project Lifecycle I	3	SI Signature Inquiry or ELECTIVE	3
ELECTIVE	3	SI Signature Inquiry or ELECTIVE	3
PA Intercultural Perspective	3	PA Ethical Citizenship and Leadership	3
PA Natural Science and Lab	4	PA Humanities	3
Total	16	Total	16

There is a minimum of 124 hours required to graduate

For advising questions, please contact your assigned advisor or Regional Academic Advising at regadvising@MiamiOH.edu or 513-727-3440



COLLEGE OF LIBERAL ARTS
AND APPLIED SCIENCE