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

Office of Advising
513-727-3440
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Tutoring and Learning Center (TLC)
513-785-3139
REGTLC@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 ENG 109)
Advanced Writing	3	ENG313 Technical Writing or EGS215 Workplace Writing
Perspectives Area: Science and Society	**13+**	
Social Sciences #1	3	STC136 (if taken) or Choice
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**	
Diversity, Equity & Inclusion	3	Choice
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 (CIT231 Healthcare Info Tech Around the World 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
ENG111 College Composition	3	CIT214 Database Design & Development	3
CIT167 IT People & Practices	2	CIT268 Human Computer Interaction	3
CIT168 IT Tools & Techniques for Orgs	4	CSE163 Intro to Computer Concepts & Programming	3
STA261 Statistics or STA301 applied Statistics or ISA125 Intro to Business Statistics	3-4	MTH122 College Algebra or any higher MTH class	3
STC135 Public Speaking or STC136 Intro to Interpersonal Communication	3	PA Creative Arts	3
CIT101S Computing Skills: Spreadsheets	1		
Total	**16-17**	**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	3	CIT262 Tech Ethics & Global Society	3
CIT273 Web Application Development	3	MAJOR IT Foundation Concentration	3
MAJOR IT Foundation Concentration	3	EGS/BIS 305 Integrative Writing in Global Contexts or EGS319 Medical Writing	3
MAJOR Technical Elective	3	PA Humanities	3
Total	**15**	**Total**	**15**

Year Three

Fall Semester	Hours	Spring Semester	Hours
CIT348 Info Management & Retrieval	3	CIT357 Current Practices in IT	3
MAJOR IT Foundation Concentration	3	CIT376 IT Assurance & Security	3
EGS215 Workplace Writing or ENG313 Technical Writing	3	MAJOR IT Foundation Concentration	3
PA Natural Science	3-4	PA Social Science	3
PA Global Citizenship	3	PA Global Citizenship	3
Total	**15-16**	**Total**	**15**

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
PA Global Citizenship	3	SI Signature Inquiry or ELECTIVE	3
PA Natural Science	3-4	ELECTIVE	3
PA Social Science (if STC135 is taken) or ELECTIVE	3	MAJOR Technical Elective	3
Total	**15-16**	**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

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