

COMPUTER INFORMATION TECHNOLOGY, BACHELOR OF SCIENCE (555)

Program Coordinator

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Computer Information Technology (CIT) is an integral part of modern life and business. Careers in the CIT field frequently exceed median pay and future job outlook growth. The CIT program at WKU can help prepare students for many rewarding careers, including:

- Computer Network Architect
- Computer Programmer
- Computer Support Specialist
- Database Administrator
- Information Security Analyst
- Network and Computer Systems Administrator
- Software Developer
- Web Developer

Program Requirements (48 hours)

A baccalaureate degree requires a minimum of 120 unduplicated semester hours. More information can be found at www.wku.edu/registrar/degree_certification.php. (https://www.wku.edu/registrar/degree_certification.php)

Students who began WKU in the Fall 2014 and thereafter should review the Colonnade requirements located at: <https://www.wku.edu/colonnade/colonnaderequirements.php>. (<https://www.wku.edu/colonnade/colonnaderequirements.php>)

The CIT online degree requires 120 credit hours and leads to a Bachelor of Science degree. No minor or second major is required. Enrollment in the CIT program is limited and based on student qualifications. All courses in the major must be completed with a grade of "C" or better. The program requires 30-48 hours of upper-division CIT coursework, depending on transfer credits. All courses should be selected consistent with WKU's degree requirements including:

- 30 hours minimum must be earned at WKU (typically satisfied by CIT course requirements below)
- 42 hours must be in upper-division credit (30 hours for students that transfer with an Associate of Applied Science degree in computer technology or related major, also satisfied by CIT course requirements below)
- 120 hours minimum overall
- Colonnade Program Requirements
- MATH 116 or higher

For **transfer students** (with an Associate of Applied Science degree or equivalent in computer technology or related major), 30 hours of CIT coursework is required. These include:

Code	Title	Hours
Core Courses:		
CIT 300	Computer Information Technology Foundations	3
CIT 302	Web Development	3
CIT 352	Database Administration II	3
CIT 372	Telecommunications II	3
Select five courses from 400-level CIT courses and/or from the following (only one course may have the MFGE prefix):		15
MFGE 342	Manufacturing Operations	
SEAS 367	Supervised Work Experience in Industry	
MFGE 390	Project Management	
MFGE 394	Lean	
MFGE 396	Introduction to Supply Chain Management	
MFGE 430	Technology Management / Supervision / Team Building	
SEAS 475	Selected Topics in Industry	
Capstone course:		
CIT 490	Senior Research	3
Total Hours		30

For **non-transfer students**, 48 hours of CIT coursework is required. These include:

Code	Title	Hours
Foundation Courses		
CIT 300	Computer Information Technology Foundations	3
CIT 302	Web Development	3
CIT 310	Systems Architecture I	3
CIT 312	Systems Architecture II	3
CIT 330	Systems Development I	3
CIT 332	Systems Development II	3
CIT 350	Database Administration I	3
CIT 352	Database Administration II	3
CIT 370	Telecommunications I	3
CIT 372	Telecommunications II	3
Select five courses from 400-level CIT courses and/or from the following (only one course may have the MFGE prefix):		15
MFGE 342	Manufacturing Operations	
SEAS 367	Supervised Work Experience in Industry	
MFGE 390	Project Management	
MFGE 394	Lean	
MFGE 396	Introduction to Supply Chain Management	
MFGE 430	Technology Management / Supervision / Team Building	
SEAS 475	Selected Topics in Industry	
Capstone Course:		
CIT 490	Senior Research	3
Total Hours		48

Finish in Four Plan

First Year

Fall	Hours	Spring	Hours
ENG 100		3 ENG 200	3
MATH 116 or MATH 109		3 Colonnade - Natural & Physical Science w/ out lab	3
COMM 145		3 Colonnade - Arts & Humanities	3
World Language Requirement or General Elective		3 World Language Requirement or General Elective	3
IDST 175		3 HIST 101 or HIST 102	3
	15		15

Second Year

Fall	Hours	Spring	Hours
ENG 300		3 Colonnade - Natural & Physical Science w/ lab	3
Colonnade - Social & Behavioral		3 CIT 300	3
General or Minor Elective		3 CIT 302	3
General or Minor Elective		3 Colonnade - Systems	3
General or Minor Elective		3 General or Minor Elective	3
	15		15

Third Year

Fall	Hours	Spring	Hours
Colonnade - Social & Cultural		3 Colonnade - Local to Global	3
CIT 350		3 CIT 352	3
CIT 370		3 CIT 372	3
CIT 310		3 CIT 312	3
CIT 330		3 CIT 332	3
	15		15

Fourth Year

Fall	Hours	Spring	Hours
CIT 4XX Elective		3 CIT 490	3
CIT 4XX Elective		3 CIT 4XX Elective	3
CIT 4XX Elective		3 CIT 4XX Elective	3
General or Minor Elective		3 General or Minor Elective	3
General or Minor Elective		3 General or Minor Elective	3
	15		15

Total Hours 120