

**Program Coordinator: Don Halcomb**  
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**Program Website: <https://bluegrass.kctcs.edu/education-training/program-finder/computer-information-technology.aspx>**
**Student Name:**
**Student ID:**
*Students need to be at KCTCS placement levels for all courses*

Pre-Admission Requirements (if applicable)				
First Semester	Credits	Term	Grade	Prereqs/Notes
CIT 105 – Introduction to Computers	3			
<b>Total Semester Credit Hours</b>	<b>3</b>			

First Semester	Credits	Term	Grade	Prereqs/Notes
CIT 111 – Computer Hardware and Software	4			
CIT 120 – Computational Thinking	3			
CIT 170 – Database Design Fundamentals	3			
ENG 101 – Writing I	3			
MAT 150 – College Algebra	3			Fulfills Quantitative Reasoning requirement
<b>Total Semester Credit Hours</b>	<b>16</b>			

Second Semester	Credits	Term	Grade	Prereqs/Notes
CIT 160 – Introduction to Networking Concepts	4			OR CIT 161 – Introduction to Networks (4)
CIT 149-Java I OR INF 120-Elementary Programming	3			Fulfills Level I programming language Req.
MAT 155 - Trigonometry	3			
CIT 150 – Internet Technologies	3			OR CIT 155 – Web Page Development OR CIT 157 – Web Site Design and Production
<b>Total Semester Credit Hours</b>	<b>13</b>			

Third Semester	Credits	Term	Grade	Prereqs/Notes
CIT 249-Java II OR INF 260-Obj-Oriented Progr. I	3			
Heritage OR Humanities course	3			
MA 113 OR MAT 174 – Calculus I	4			
Oral Communications	3			
CIT 180 – Security Fundamentals	3			
<b>Total Semester Credit Hours</b>	<b>15 - 16</b>			

Fourth Semester	Credits	Term	Grade	Prereqs/Notes
INF Track – Data Science Option Course #3 – See List	3 - 4			
Natural Science	3			
Social/Behavioral	3			
CIT 293 – CIT Employability Skills	1			
ENG 102 – Writing II	3			
<b>Total Semester Credit Hours</b>	<b>13 - 14</b>			

*Note: 25% of Total Program Credit Hours must be earned at Bluegrass Community and Technical College.*
**Advisor Name:**
**Advisor Signature:** \_\_\_\_\_

**Student Name:**
**Student Signature:** \_\_\_\_\_

**Special Instructions:**

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**Approved Electives (if applicable)**

INF Track – Data Science Option Course #3: (Select one course from the list below)	
CS 275	Discrete Mathematics (4)
STA 210	Statistics: A Force in Human Judgement (3)
STA 220	Statistics (3)
STA 296	Statistical Methods and Motivations (3)