



## Information Technology

**Degree Awarded:** Bachelor of Science

**Requirements for the Major:** 57 credits

This degree builds upon the Bachelor of Arts in Information Technology allowing students to take further coursework in project management, data analytics, or cloud programming.

### Requirements for the Major:

**Essential Competencies-Outcome Iterations**  
**\*\*Transfer courses do not receive outcome iterations\*\***

				IL	W	O	Q	GA	V
	ITM I	Introduction to Information Technology	3						
	ITM II	Networking Technologies & Telecommunications	3						
	ITM III	PostgreSQL	3						
	ITM IV	Operating Systems & Architecture	3						
	ITM V or CYS IV	Information Security and Data Protection or Network & System Security	3 3						
	ITM VI	Information Technology Capstone	3						
	CYS I	Introduction to Cybersecurity	3						
	Cloud 0	Cloud Computing Foundations	3						
	CSC II & CSC III or BSAD/CPSC 241 & CPSC242	Programming for Everyone & Programming for Everyone II or Computer Science I & Computer Science II	3 3 3 3	x					
	CSC V	Application Development I: Exploring Web Applications	3						
	CSM V	Product Development	3						
	INTS 422 or BSAD 310	Interpersonal Workplace Dynamics or Principles of Management	3 3					x	x
	ENGL 309	Writing for Business	3		x	x	x		
	STAT 241 or STAT 239	Math Statistics or Statistics for Social Science	3 3				x x		
	BSAD 365	Project Management	3						
	CSM III or CPSC 330	Data Structures or Data Structures and Algorithms	3 3						
	Information Technology Major Portfolio		0						

**Take two courses from:**

**Essential Competencies-Outcome Iterations**  
**\*\*Transfer courses do not receive outcome iterations\*\***

				IL	W	O	Q	GA	V
	PMM II	Project Planning	3						
	PMM III	Project Execution, Monitoring and Controlling, Implementation, & Closure	3						

**OR**

This information must be used in conjunction with the 2023-2024 Grand View University Catalog and does not reflect a student's official record of progress. Students are expected to use the Progress tool found on myView > GV Self Service when monitoring and planning coursework. Other available resources include: Course Planning Documents (found on myView under Academics) and the faculty and staff who work with academic requirements.

Take two courses from:

**Essential Competencies-Outcome Iterations****\*\*Transfer courses do not receive outcome iterations\*\***

				<b>IL</b>	<b>W</b>	<b>O</b>	<b>Q</b>	<b>GA</b>	<b>V</b>
	CSC VI	Application Development II – Building Applications	3						
	CAD I	Cloud Applications Practicum	3						

OR

Take two courses from:

**Essential Competencies-Outcome Iterations****\*\*Transfer courses do not receive outcome iterations\*\***

				<b>IL</b>	<b>W</b>	<b>O</b>	<b>Q</b>	<b>GA</b>	<b>V</b>
	DATA 101	Introduction to Data Analytics	3	x					x
	DATA 321	Data Visualization	3						

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