2024 - 2025 Major Map

Graphic Information Technology (Full-Stack Web Development), BS

School/College: Ira A. Fulton Schools of Engineering

ESGITFSWBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ ASU 101-TPS: The ASU Experience	1		• ASU 101 is required of all first-year students.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Prep for success using the First-Year Student Guide.
GIT 135: Graphic Communications	3	C	• Join a Fulton community. • Explore engineering and technical professions.
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ MAT 117: College Algebra (MATH OR MA)	3	C	• View ASU Online first-year student registration information here.
GIT 210: Creative Thinking and Design Visualization	3		
Humanities, Arts and Design (HUAD)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 25 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ GIT 230: Digital Illustration in Publishing	3	C	• Create a Handshake profile.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
HSE 101: Introduction to Human Systems Engineering (SOBE OR SB)	3		
Term hours subtotal:	9		

Term 2 - B 25 - 31 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
GIT 250: Introduction to Commercial Print	3		
American Institutions (AMIT)	3		
⚠ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 31 - 38 Credit Hours	Hours	Minimum Grade	Notes
IFT 101: Information Technology Programming Logic	3	C	• Prep for success using the Sophomore Guide.
Scientific Thinking in Natural Sciences (SCIT)	4		
Term hours subtotal:	7		

Term 3 - B 38 - 47 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
TMC 110: Understanding the Enterprise	3		
Humanities, Arts and Design (HUAD)	3		

	Hours		
Quantitative Reasoning (QTRS)	3		
❗ Complete GIT 135 AND GIT 210 course(s).			
Complete Mathematics (MATH) requirement.			
Term hours subtotal:	9		

Term 4 - A 47 - 56 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ GIT 215: Introduction to Web Authoring	3	C	• Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events.
IFT 200: Information Modeling, Storage and Retrieval	3	C	
Governance and Civic Engagement (CIVI)	3		
Term hours subtotal:	9		

Term 4 - B 56 - 63 Credit Hours	Hours	Minimum Grade	Notes
Scientific Thinking in Natural Sciences (SCIT)	4		
Elective	3		
Term hours subtotal:	7		

Term 5 - A 63 - 72 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ GIT 337: Web Content Design	3	C	• Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
GIT 303: Digital Publishing	3		
IFT 210: Introduction to Java Technologies	3	C	
Term hours subtotal:	9		

Term 5 - B 72 - 78 Credit Hours	Hours	Minimum Grade	Notes
GIT 315: Digital Video Techniques	3		
GIT 384: Commercial Photography	3		
Term hours subtotal:	6		

Term 6 - A 78 - 84 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ GIT 314: Multimedia Design, Planning and Storyboards	3		• Thinking about graduate school? Consider registering for a grad school test prep course. • Develop a professional profile online.
GIT 414: Web Site Design and Internet/Web Technologies	3		
Term hours subtotal:	6		

Term 6 - B 84 - 93 Credit Hours	Hours	Minimum Grade	Notes
IFT 300: Intermediate Database Management Systems	3	C	
TWC 451: Copyright and Intellectual Property in the Electronic Age	3		
Global Communities, Societies and Individuals (GCSI)	3		
Term hours subtotal:	9		

Term 7 - A 93 - 102 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ GIT 450: Digital Workflow in Graphic Industries	3		• Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions.
GIT 417: Advanced Web Markup and Scripting	3	C	
GIT 480: Senior Project	3		
Term hours subtotal:	9		

Term 7 - B 102 - 108 Credit Hours	Hours	Minimum Grade	Notes

Upper Division Full-Stack Elective	3
Sustainability (SUST)	3
Term hours subtotal:	6

Term 8 - A 108 - 114 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ GIT 413: Professional Portfolio Design and Presentation	3		• Complete an in person or virtual practice interview.
GIT 432: Graphic Industry Business Practices	3		
Term hours subtotal:	6		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
GIT 418: Multimedia Authoring, Scripting and Production	3		
GIT 484: Internship OR Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Full-Stack Elective

GIT 340: Information Design and Usability

GIT 435: Website and E-Commerce Strategies

IFT 365: Applied Programming Language for Information Technology

- **Total Hours:** 120
- **Upper Division Hours:** 45 minimum
- University Undergraduate Graduation Requirements

Notes:

Mathematics Placement Assessment score determines placement in first mathematics course.

General Studies designations listed next to courses on the major map were valid for the 2024 - 2025 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.