






2024 - 2025 Major Map

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

School/College: [Ira A. Fulton Schools of Engineering](#)
ESGITFSWBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ASU 101-TPS: The ASU Experience | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students. Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
|  MAT 117: College Algebra (MATH OR MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| GIT 135: Graphic Communications | 3 | C | |
| GIT 210: Creative Thinking and Design Visualization | 3 | | |
| Humanities, Arts and Design (HUAD) | 3 | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  GIT 230: Digital Illustration in Publishing | 3 | C | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| GIT 250: Introduction to Commercial Print | 3 | | |
| HSE 101: Introduction to Human Systems Engineering (SOBE OR SB) | 3 | | |
| American Institutions (AMIT) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |
| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| IFT 101: Information Technology Programming Logic | 3 | C | <ul style="list-style-type: none"> Prep for success using the Sophomore Guide. |
| TMC 110: Understanding the Enterprise | 3 | | |
| Humanities, Arts and Design (HUAD) | 3 | | |
| Quantitative Reasoning (QTRS) | 3 | | |
| Scientific Thinking in Natural Sciences (SCIT) | 4 | | |
|  Complete GIT 135 AND GIT 210 course(s). | | | |
| Complete Mathematics (MATH) requirement. | | | |
| Term hours subtotal: | 16 | | |
| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  GIT 215: Introduction to Web Authoring | 3 | C | <ul style="list-style-type: none"> 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 | | |

| | |
|--|---|
| Scientific Thinking in Natural Sciences (SCIT) | 4 |
| Elective | 3 |

Term hours subtotal: 16

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ GIT 337: Web Content Design | 3 | C | <ul style="list-style-type: none"> Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| GIT 303: Digital Publishing | 3 | | |
| GIT 315: Digital Video Techniques | 3 | | |
| GIT 384: Commercial Photography | 3 | | |
| IFT 210: Introduction to Java Technologies | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ GIT 314: Multimedia Design, Planning and Storyboards | 3 | | <ul style="list-style-type: none"> 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 | | |
| 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: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ GIT 450: Digital Workflow in Graphic Industries | 3 | | <ul style="list-style-type: none"> 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 | | |
| Upper Division Full-Stack Elective | 3 | | |
| Sustainability (SUST) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ GIT 413: Professional Portfolio Design and Presentation | 3 | | <ul style="list-style-type: none"> Complete an in person or virtual practice interview. |
| GIT 418: Multimedia Authoring, Scripting and Production | 3 | | |
| GIT 432: Graphic Industry Business Practices | 3 | | |
| GIT 484: Internship OR Elective | 3 | | |
| Term hours subtotal: | 12 | | |

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

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| 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.