

# Bachelor of Science in Information Technology (BSIT) Completion Requirements

Students in the Bachelor of Science in Information Technology program must complete a minimum of 122 credit hours of coursework. The credit work is distributed as:

- IT Core Requirements — 60 credits
- Mathematics and Programming Requirements — 15 credits
- General Education Requirements — 17 credits
- Minor or Concentrations or Electives — 18 credits
- Science Requirements — 12 credits

## Curriculum

Mathematics, Science, and Programming Requirements: 27 credits

- MATH 2337 – Applied Statistics
- MATH 2255 – Discrete Structures
- EGTG 2201 – Applied Calculus
- INFO 2101 – Computer Programming I for IT
- INFO 2102 – Computer Programming II for IT
- ENVR 1101 – Physical Geology (Lec)
- ENVR 1102 – Physical Geology (Lab)
- BIOL 1105 – The Human Environment (Lec)
- BIOL 1115 – The Human Environment (Lab)
- PHYS 2101 – General Physics 1 (Lec)
- PHYS 2201 – General Physics 1 (Lab)

Liberal Arts Requirements: 17 credits

- WRIT 1002 – Comp I: Rhetoric and Inquiry
- WRIT 1003 – Comp II: Research and Argument
- EGTG 2210 – Technical Communication
- UNIV 1001 – Transitioning to University Life (1 credit)
- UNIV 1002 – Preparing for Professional Life (1 credit)
- UNIV 2001 – Cross Cultural Perspectives
- UNIV 2002 – Global Issues

## IT Core Requirements: 60 credits

\* By completing the IT core requirements, students automatically fulfill the requirements for the Network & System Administration concentration (CSCI4274, INFO2101, INFO4101, INFO4201, INFO4410, INFO4278) and the Web Development Technology concentration (CGD1177, INFO2105, INFO2106, INFO3201, INFO3205, INFO4844).

- CGD 1177 – Introduction to Digital Media
- INFO 1101 – Computer Concepts & Technology
- INFO 2105 – Internet & Web Applications
- INFO 2106 – Web Site Design & Management
- INFO 3201 – Human Computer Interface
- INFO 3205 – Digital media Publishing
- INFO 4101 – Data Communication & Computer Networks I
- INFO 4102 – Data Communication & Computer Networks II
- INFO 4201 – Info tech Needs & Assessment Management
- INFO 4205 – IT Capstone Project
- INFO 4278 – Operating Systems
- INFO 4410 – Foundations of Cybersecurity
- INFO 4497 – Internship in Information Technology
- INFO 4844 – Programming for the Internet
- CSCI 2234 – Data Structures and Algorithms
- CSCI 3268 – Database Systems
- CSCI 3274 – Linux System Administration
- ENGR 2286 – Digital System Design
- ENGR 3000 – Modern Tech: Principle, Application & Impact
- ENGR 4210 – Management & Engineering Economics

## Business Minor Requirements: 18 credits

- ACCT 2021 – Introduction to Financial Accounting
- ECON 2001 – Introduction to Microeconomics
- MKTG 2120 – Principles of Marketing
- MGMT 2600 – Organizational Behavior
- FIN 3250 – Principles of Financial Analysis
- LAW 2276 – Business and the Law