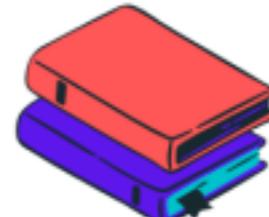# What Will You Study

Computer Science

Students will be exposed to areas such as:
1. Algorithms and complexity
2. Architecture and organization
3. Computational science
4. Discrete structures
5. Graphics and visualization
6. Human-computer interaction
7. Information assurance and security
8. Information management
9. Intelligent systems
10. Networking and communications

Software Engineering

Students will be exposed to areas such as:
1. Computing essentials
2. Mathematical & Engineering fundamentals
3. Professional practice
4. Software modeling and analysis
5. Requirements analysis and specification
6. Software design
7. Software verification and validation
8. Software process
9. Software quality and security