Computing and Informatics Courses

- **Intro to Symbolic Logic**
- **Discrete Structures**
- **Gen Ed Math**
- **Statistics I**
- **Precalculus**
- **Calculus T&A**
- **Calculus I**
- **Computer Science and Programming**
- **Creating Android Applications**
- **Intro to Scientific Programming**
- **Intro to Programming Using Robots**
- **CS Learning Community ("LIBBy")**

- **Data Communications and Networking**
- **Data Structures and Algorithms**
- **Intro to Comp NW & Data Comm**
- **Advanced Programming Workshop**
- **Advanced Programming Workshop**
- **Object Oriented Programming and Data Abstraction counts for 1 APW**
- **Programming Languages counts for 1 APW**

- **Human-Computer Interaction**
- **Design of Database Systems**
- **Database Systems: Theory and Programming**
- **Intro to Web Development**
- **Web Programming**
- **Public Speaking**

- **Foundations Computer Forensics**
- **Principles of NW Security**
- **Penetration Testing Fundamentals**
- **Principles NW Security**
- **Ethical Hacking Fundamentals**

- **Principles of Information Security**

- **Systems Administration**
- **Concepts of Computing Technologies**
- **Web Server Platforms**

- **Other Electives**

- **C&I Capstone Experience**

- **BINF 07.250 - Introduction to Bioinformatics (3 s.h.)**
- **GEOG 16.160 - Intro to Mapping / Geographic Info Science (3 s.h.)**
- **GEOG 16.260 - Geographic Info Science I (3 s.h.)**
- **GEOG 16.261 - Cartography (3 s.h.)**
- **MIS 02-325 - Project Management (3 s.h.)**
- **Any Computer Science course at or above the 200 level not used to fulfill a different B.A. Computing and Informatics requirement and for which a student has completed all necessary pre-requisites (3 s.h.)**
- **Other courses at or above the 200 level by permission of faculty advisor**

- **DevOps**

- **Mobile**

- **Intro to Android Programming**
- **Intro to IOS Programming**
- **Advanced Android Programming**
- **Advanced IOS Programming**
- **Topics Mobile Programming**

- **Developed by:**
  Department of Computer Science, 12 July 2017