Computing and Informatics Courses

Developed by: Department of Computer Science, 15-Jan-2020

- BINF 07.250 - Introduction to Bioinformatics (3 s.h.)
- GEDS 16.160 - Intro to Mapping / Geographic Info Science (3 s.h.)
- GEDS 16.260 - Geographic Info Science I (3 s.h)
- GEDS 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

- INTRO TO OBJECT ORIENTED PROGRAMMING
- ADVANCED PROGRAMMING WORKSHOP
- ADVANCED IO PROGRAMMING
- TOPICS MOBILE PROGRAMMING
- INTRO TO ANDROID PROGRAMMING
- INTRO TO IOS PROGRAMMING

- CS LEARNING COMMUNITY ("LiBy")
- Intro to Scientific Programming
- Intro to Programming Using Robots
- Creating Android Applications
- Advanced Programming Workshop
- Advanced Programming Workshop
- Two workshops on different topics required

- DISCRETE STRUCTURES OR Logic
- INTRO TO SYMBOLIC LOGIC
- STOCHASTIC MODELS
- STATISTICS I
- CALCULUS T&A
- CALCULUS I

- GEN ED MATH
- STATISTICS I
- CALCULUS T&A
- CALCULUS I

- INTRO TO COM. & NETWORKS & DATA COMM.
- BLOCKCHAIN PROGRAMMING
- BLOCKCHAIN APPLICATIONS
- BLOCKCHAIN ESSENTIALS
- CRYPTOGRAPHY AND BLOCKCHAIN ESSENTIALS

- INTRO TO WEB DEVELOPMENT
- CS LEARNING COMMUNITY ("LiBy")
- Intro to Object Oriented Programming
- Object Oriented Programming and Data Abstraction counts for 1 APW
- Programming Languages counts for 1 APW

- ADVANCED PROGRAMMING WORKSHOP
- ADVANCED PROGRAMMING WORKSHOP
- Two workshops on different topics required

- HUMAN-COMPUTER INTERACTION
- ARTISTIC LITERACY
- DATABASE SYSTEMS THEORY AND PROGRAMMING
- APPLIED DATABASE TECHNOLOGIES
- DATABASE SYSTEMS: THEORY AND PROGRAMMING

- ARTISTIC LITERACY
- COMPUTERS AND SOCIETY
- HUMANISTIC LITERACY
- WRITING INTENSIVE
- QUANTITATIVE LITERACY

- FOUNDATIONS COMPUTER FORENSICS
- ETHICAL HACKING FUNDAMENTALS
- PENETRATION TESTING FUNDAMENTALS
- PRINCIPLES OF NW SECURITY
- FUNDAMENTALS OF NW SECURITY

- SYSTEMS ADMINISTRATION
- CONCEPTS OF COMPUTING TECHNOLOGIES
- WEB SERVER PLATFORMS

- PRINCIPLES OF INFORMATION SECURITY
- CYBER SECURITY: FUNDAMENTALS, PRINCIPLES AND APPS

- COMPUTER SCIENCE AND PROGRAMMING
- STATISTICS I
- CALCULUS T&A
- CALCULUS I

- DISCRETE STRUCTURES OR LOGIC
- INTRO TO SYMBOLIC LOGIC