PROGRAMS

Master of Science in Computer Science (MSCS)
Academic Year 2019-2020
Reference CMOs: CMO No. 07, s. 2010

Program Objectives

The alumni of MS Computer Science program, about three to five years after graduation shall:
1. Engage in professional development or post-graduate education to pursue flexible career paths adapting to innovative technological changes in computer science and related fields;
2. Demonstrate professionalism and a sense of societal and ethical responsibility in computer science practice, development and in all their endeavors; and
3. Articulate their expertise in making technical contributions to design, develop, and solve problems in their practice of computer science which meet the desired needs of the society.

Program Outcomes

1. Ability to apply computer science principles and practices.
2. Ability to apply suitable software engineering principles and practices to develop and maintain stable, secure, scalable, and maintainable software.
3. Ability to produce effective solutions to complex computer science problems.
4. Ability to recommend appropriate computer science solutions based on organizational needs and an evaluation of alternatives.
5. Ability to identify and discuss professional, individual, organizational, societal, and regulatory implications of information systems and technology.
6. Ability to select technologies, policies, and procedures to assure the confidentiality, integrity, and availability of information and CS systems.