Objective of Course of Study

This programme aims to produce graduates major in computer science minor in mathematics. It equips graduates to become technically competent in the analysis, development and implementation of any computer systems, together with the suitable mathematical background, graduates are trained and prepared to have good reasoning and analytical abilities in problem solving.

Programme Outcomes for Computer Science

After completing this programme, students will be able to:

- Demonstrate the ability to work independently and to cooperate and contribute as a team, and to serve the community and nation;
- Demonstrate the ability to self-develop and self-learn, and to engage in lifelong learning;
- Demonstrate knowledge of mathematics and problem solving skills to identify, capture, analyse, formulate, interpret and solve computer science related problems;
- Apply suitable software development methods and software engineering practices in developing software;
- Utilise computer technology and modern application software for development and implementation;
- Relate the importance of practical issues such as ethics, culture, social, technopreneurship, economics, human relation factors, and time-to-market, and apply these factors in software development practice.