Employment Ticket for BSc in Software Development (approved 13 Feb 2020)

The technologies in IT—computers, operating systems, programming languages, algorithms—continuously evolve. The CS educations of the ITU evolve with the field, e.g., the statement “being able to program” today encompasses an understanding and application of IT security tenets. To keep the employment tickets brief, we implicitly understand them in this contemporary sense.

All SWU graduates

- are able to program imperative and functional programming languages
- know the principles of databases, algorithms and data structures and other technical aspects of software development
- have a comprehension of software development within an organisation, across organisations and other aspects of software development in a global market.
- develop and are able to apply software-related analytical skills
- have knowledge of the challenges associated with privacy, security and ethics