# Technology University of Shannon, BSc. in Software Development - Grades

## Semester 1

Computer Organisation and Architecture %

Computer Mathematics %

Data Essentials %

Interpersonal Skills %

Introduction to Programming (C++) %

Web Development Fundamentals %

## Semester 2

Mathematical methods %

Introduction to OOP (C++) %

Operating System Fundamentals %

Responsive Design and Web Development %

SQL essentials %

Structured Programming (C++) %

## Semester 3

Data Design and Programming (SQL) %

Discrete Mathematics %

Fundamentals of Data Structures and Algorithms (C++) %

Networking Fundamentals %

Software Development (UML) %

OO Theory and Programming (C#) %

## Semester 4

Applications Development (C#) %

Data Driven Systems (PHP) %

Internetworking (Python) %

Real Time Embedded systems %

Prob-Solv with Data Structure and Algorithms (C++) %

Software Testing (Java) %

## Semester 5

Applications Development (C#)

Data Driven Systems (PHP)

Internetworking (Python)

Real Time Embedded systems

Prob-Solv with Data Structure and Algorithms (C++)

Software Testing (Java)