

BRITISH COMPUTER SOCIETY (BCS) PROFESSIONAL GRADUATE DIPLOMA IN IT- LEVEL 6

Programme Description

This programme delivers comprehensive knowledge and understanding of database, information system management, software engineering, and web engineering. Students will learn to analyse and identify problems and apply technologies to develop efficient and scalable solutions. In addition, students will be able to assess, design, employ, and manage database and information systems to meet the needs of various businesses and organizations. Upon successful completion of the project and examination students can apply for selected postgraduate courses with UK universities.

By beginning the Professional Graduate Diploma in IT level course BCS assumes knowledge of the Diploma in IT level modules (or exemption). This is the professional graduate diploma of Higher Education Qualifications. This level is the academic equivalent to Year 2 of a UK University honours Degree and National Vocational Qualification (NVQ) level 6.

Programme Structure: This programme is made of four (any four to be taken) modules:

- Advanced Database Management Systems
- Management Information Systems
- Software Engineering 2
- Computer Services Management
- Distributed and Parallel Systems (April only)
- Knowledge Based Systems (April only)
- Network Information Systems (April only)
- Programming Paradigms (April only)
- Realising the User Interface (April only)(this module has replaced User Interface Design and is not available for online registration)
- System Design Methods (April only)
- Web Engineering (April only)(this module has replaced WWW - Beyond the Basics and is not available for online registration)

Professional Project: In order to finish the Professional Graduate Diploma in IT level candidates must complete a project, which will be the academic equivalent of a UK university honours degree project and has a recommended minimum study time of 300 hours.

Career Opportunities: Once you complete your course, you can choose to work in Information Technology sector include network engineer, systems administrator, software developer, analyst, security specialist, and computer forensic analyst at an entry level. The continuous growth of the computer industry allows Information Technology graduates obtain financially rewarding and challenging careers with government bodies, computer companies, large companies and banks, and software companies, network organisations, research and development organisations, insurance companies, commerce and industry, and educational institutions.

Awarding Body: The Chartered Institute for IT, formerly known as British Computer Society (BCS) is set up with mission to enable the information society. BCS is a professional body, a learned society, a nominated body, an awarding body and a registered charity. BCS has 70,000 strong membership includes practitioners, businesses, academics and students in the UK and internationally.

Duration/Delivery Method: 12 Months full-time and face-to-face

Entry requirement: Applicants must have attained one or more of the following entry requirements:

- UK GCE A-Level standard
- In the case of overseas qualifications, candidates should have completed Higher Secondary or Intermediate level qualification.
- Candidates should be at least 19 years old.
- Students whose first language is not English will need an IELTS overall score of 5.5

Start Dates: For information regarding start dates for LCEM programmes, please refer to the following website: <https://lcem.com/Course/dates>

BCS Registration:

Students should also register with BCS and be accepted for a particular level of examination. Membership registration can take place at any time of the year

Examination: The examinations are set and marked BCS and held twice a year **October** and **April**. All subjects will be assessed by a written external examination of three hours duration.

- **April examinations:** Registration by the 15th January. **April Exam Period:** 19 April - 3 May
- **October examinations:** Registration by the 15th July. **October Exam Period:** 26 September - 3 October

Results: Candidates will be notified individually of their results normally after the following dates.

- April Exam Period: 07 August
- October Exam Period: 20 December

Award Conditions: British Computer Society (BCS) Professional Graduate Diploma in IT (Level 6) will be awarded when a student successfully passed all modules. A module is passed when an overall module mark of 40% or more is attained.

University Progression: This level is the academic equivalent to Year 2 of a UK university honours degree. After completion of this course; apply for selected postgraduate courses at university and you are also eligible to apply for BCS professional membership (MBCS).

Fees: For information regarding fees for LCEM programmes, please refer to the following website: www.lcem.com