PROGRAMMES BY COURSEWORK

MSC IN INFORMATION SYSTEMS

1. ABOUT THE PROGRAMME

OUR INTERNATIONAL STANDING
Computer Science and Information Systems
#2 Asia – #9 World

(QS World University Rankings By Subject 2024)

The **MSC IN INFORMATION SYSTEMS (MSIS)** programme blends theory and practice to equip students with cutting-edge knowledge necessary to play a significant role in the evolving, fast-paced Information and Communication Technology (ICT) sector for the design, development, maintenance, and management of information systems to provide better user experience.

The programme covers wide-ranging technical expertise and soft skills such as:

- **Software Development & Infrastructure**
- **Human Computer Interaction**
- **Management of Systems & Services**
- **Data Analytics and Artificial Intelligence**

2. WHY MSIS?

The following highlights the key features of the MSIS programme:

- Broad-based perspective of information systems education from experienced, multi-disciplinary faculty and industrial practitioners.

- Offers a strong emphasis in user experience and management through theory and practice-based experiential learning.

- Provides a solid foundation for mid-career professionals wanting to establish themselves in the ICT sector.

3. ADMISSION CRITERIA

To apply to the MSIS programme, applicants need to meet these minimum requirements:

- A Bachelor's degree in areas such as Computer Science, Information Systems, Information Technology, or

- A Bachelor's degree with a strong information technology-related component such as those in Engineering or the Sciences, or

- A Bachelor's degree plus relevant working experience*

- Degree classification second class lower/Honours (Merit) and above or equivalent

* Internships are not counted towards working experience, and it is recommended for applicants to have at least a minimum of one-year of full-time work

For undergraduate degree not awarded by an English-medium University or is awarded by an English-medium University but the language of instruction was not English, you must meet the English Language Proficiency Requirement (ELPR).

Minimum Score Required

Test of English as a Foreign Language (TOEFL) iBT	100 (internet-based)
International English Language Testing System (IELTS), Academic	6.5 (The IELTS sub-scores should not be less than 6.0.)

Note: The validity period for IELTS/TOEFL score is two (2) years at the point of application. Please note that only TOEFL or IELTS test scores will be accepted. Also, we do not require the submission of GRE or GMAT test scores.

4. PROGRAMME STRUCTURE

The MSIS programme commences each year in early August and is available in both full-time and part-time modes. Students are required to complete 30 Academic Units (AU) within their candidature period to be awarded the degree.

Option of Study	Academic Requirement
Coursework Only	9 Elective Courses Critical Inquiry (group project)
Coursework and Dissertation*	8 Elective Courses Dissertation (individual project)

* Students must meet the Cumulative Grade Point Average (CGPA) requirement of 4.0 and above to pursue dissertation. Students may also require additional semesters for completion of their dissertation project.

5. CAREER PROSPECTS

A majority of the career prospects are related to the ICT sector. The following roles indicated are not an exhaustive representation of the career prospects available:

- Cloud Engineer/Architect
- Cybersecurity Analyst/Specialist
- Data Analyst/Engineer/Scientist
- Database Administrator/Architect/Engineer
- Information Security Analyst/Specialist
- IT Project Manager/Coordinator
- Lecturer/Academic Positions/Education
- Mobile App Developer
- Programmer
- Network Administrator/Architect/Engineer
- Quality Assurance Engineer/Specialist
- Researcher
- Security Consultant
- Software Developer/Engineer/Tester
- Systems Administrator/Analyst
- Technical Support/Helpdesk Specialist
- Telecommunications Engineer
- Web Developer