

Information Technology in the BA

Introduction

Information Technology is a broad term that encompasses a wide spectrum of knowledge and skills related to the design, development and deployment of information and communication technologies in the modern world, as well as the study of the social and economic impacts of this deployment. The study of Information Technology is suited to students who are inquisitive, creative, like problem solving and want to understand more about the workings of technology and how it is developed and deployed in the world around us. Information Technology students at NUI Galway develop the cognitive and applied skills needed for the design, application and support of computerised systems.

Employment & Career Opportunities

While we all use Information Technology only some of us are lucky enough to be the creators and innovators responsible for developing new uses, products, services, and art forms using the core technical and inventive skills of the technology. Taken in combination with another Arts subject, the study of Information Technology provides a well-rounded, third-level education, matching the needs of the information society and providing the graduate with valuable vocational skills. Graduates from the BA programme have all the traditional BA employment avenues available to them enhanced with the knowledge of computing acquired. More specific IT employment opportunities which exploit their other BA subject range from localization and translation through media and content careers to GIS. Students may also pursue postgraduate studies in the IT field and work in IT design and development in both IT firms or in companies from any industry sector. Nationally and internationally, the computing and communications industries are experiencing phenomenal growth with many different opportunities to develop a fulfilling career.

Details of the modules covered in all years of the course can be found here:

<http://www.nuigalway.ie/science-engineering/school-of-computer-science/programmes/undergraduateprogrammes/itasasubjectforartsstudents/>

Online Learning and Teaching

There will be a mix of online and in-person teaching throughout your first year. Due to Covid19 restrictions, lectures will be entirely online, however there will be labs and tutorials that will be held in small groups to support you throughout the year.

Assessment will be a mix of assignments and one written exam. The assignments are designed to give you practice in the techniques covered in the lectures and tutorials.

You will be expected to have access to a laptop to allow you to view lectures and participate in assignments and practical work – details of a minimum specification will be posted on the CS webpage (<http://www.nuigalway.ie/science-engineering/school-of-computer-science/>) by the end of August.

Important Links

- Link to IT/CS timetable page

<http://www.nuigalway.ie/science-engineering/school-of-computer-science/currentstudents/timetables/>