

Higher Certificate/ Bachelor of Science in

**HEALTH AND MEDICAL
INFORMATION SCIENCE**



ACCESS
EDUCATION
ANYWHERE



**Online
Learning
ITSligo**

Higher Certificate/ Bachelor of Science in

HEALTH AND MEDICAL INFORMATION SCIENCE

The full-time undergraduate programme in Health and Medical Information Science is delivered fully online, facilitating wider access to this exciting new programme. All lectures will be delivered live online and students will be able to fully participate in group work and project work by means of innovative online supports. There is no requirement to attend campus.

Students seeking to study full-time may not be able to attend campus for a variety of reasons such as: caring, family business responsibilities, disability, cost or geographical location. With 18 years' experience delivering online programmes, IT Sligo is the leader in achieving academic success for our online students, using innovative teaching & student support services.

PROGRAMME DESCRIPTION

The three year undergraduate Level 7 Degree and 2 year Level 6 Higher Certificate are delivered fully online through blended learning techniques and will equip students with an applied understanding of health informatics, eHealth, health statistics and data programming, medical data management and systems evaluation; applied epidemiology; health economics and predictive modelling; as well as a range of other subjects to facilitate a broader understanding of healthcare management, delivery and audit. Course materials will be linked to real-world problems in the area of Healthcare delivery and students will learn how to manage and provide evidence-based solutions.



YEAR 1	YEAR 2	YEAR 3
SEMESTER 1	SEMESTER 3	SEMESTER 5
Essential Mathematics Basic Computing for Health Sciences Essential Skills in Health Science Cell Biology Healthcare Systems	Spreadsheets: Skills and Techniques in Health Sciences Information Management Systems Applied Health Statistics Fundamentals of Health Economics Medical Pharmacology Biology of Disease	Advanced Statistical Methods for Health Research Applied Epidemiology Applications in Big Data Diagnostic Approaches in Healthcare Health Ergonomics and Integration
SEMESTER 2	SEMESTER 4	SEMESTER 6
Introduction to Statistics in Health Science Introduction to Health Ethics Health Promotion Practice Introduction to Health Informatics Human Anatomy And Physiology	Introduction to eHealth Big Data in Health Data Visualisation Infectious Disease Clinical Biochemistry	Decision Analytic Modelling Legal and Regulatory Practices in Health Data Mining Health Data Project

Level 6 (Year 1 & 2), Level 7 (Year 1, 2 & 3)

GRADUATE DESTINATION

Graduates from this programme will have a strong grounding in all areas of healthcare systems delivery, management, audit and evaluation, governance and regulatory principles. They will also have the data analysis skills necessary to critically appraise areas of process inefficiency and develop alternative frameworks for enhancing outcomes. These skills will be needed globally as the COVID-19 pandemic will necessitate large-scale systems audit and framework development to combat future potential threats to Public Health.



BRINGING ONLINE LEARNING TO LIFE

LIVE LEARNING

Attending lectures is made easy with our online learning environment. Simply log on from work, home, anywhere and be part of weekly lectures. Engage in discussions, live chat and interact with fellow students and lecturers. Unable to attend? Recorded sessions are available within hours, so students can watch back at a time that suits.

EXPERIENTIAL LEARNING

Students will learn and experience all the practical elements in the learning outcomes. Guest lectures, tutorials and residential workshops are accessible to all online students either via live streaming or as recorded sessions.

VIRTUAL LEARNING ENVIRONMENT

All IT Sligo students have access to Moodle, the Online Learning environment. The online platform is user friendly and provides all the materials needed to complete the programme, from lecture notes and timetables to recorded lectures and group chat functionality. Students are encouraged to interact, ask questions and engage on the platform, helping with peer learning.

PEER-TO-PEER LEARNING

Working collaboratively is part of the college experience and online learning is no different. Group learning and assignments encourage peer support and small classroom sizes ensure students are supported throughout the learning journey.

ASSESSMENT & EXAMS

Assessments in the forms of quizzes and assignments are used to gauge students' understanding of a topic throughout the semester. Examinations take place at the end of each Semester. IT Sligo Online students can attend exam centres in Sligo, Dublin, Cork or remotely via online proctoring. Online examinations are monitored and supervised virtually.

CAO CODE:

SG530*

www.itsligo.ie/sg530

**Programme will run subject to sufficient student numbers.*



STUDENT SUPPORTS



○ Student Profiler

A short free 15min online assessment tool, giving immediate feedback on strengths and challenges and the support services available to you before embarking on your learning journey.



○ Disability Support

Any student with a disability can avail of the Disability Support Service. This service is committed to empowering students to achieve their academic and vocational goals in an inclusive learning environment. This service is free and confidential to all students who choose to register. All students also have access to assistive technology assessment and support through the Assistive Technology Education Specialist.



○ Academic Writing

The Academic Writing Centre offers support to all online students in the form of online 1:1, small group or class tutorials with a writing tutor. Students can also avail of a comprehensive suite of online supports such as academic writing guides, recorded tutorials and resources. Online students also have complimentary access to Studiosity, an online service providing feedback on students' writing.



○ Maths Supports

All students on this programme will have access to our Mathematics Support Centre. Online meetings and tutorials are available. Our support team run "crash courses" over the exam period and these are live-streamed/recorded for the benefit of our online student body.



○ Exam Services

The Student Support Officer will assess students and if accommodations are required, support students to communicate these with the exams office.



○ Library

The library has a wealth of online resources for students and will facilitate online meetings with the student to provide general support in accessing library databases and to provide 1:1/group tutorials on research, referencing skills.



○ Careers

Students have access to our careers office staff who provide support in many areas including job searching, CV writing, further study options, career progression paths etc.

HOW TO APPLY

For entry to the Bachelor of Science Level 7 apply through the Central Applications Office (CAO). Detailed information on how to apply is available at www.cao.ie. For entry to the Higher Certificate Level 6 apply directly to IT Sligo. Detailed information on how to apply is available at www.itsligo.ie

KEY CAO DATES:

5th November – 1st February: Applications Open

5th March – 1st May: Late Applications Accepted

5th May – 1st July: Change of Mind Date

FEES & GRANTS:

A Student Contribution (registration) fee of €3,000* is payable. This programme is not covered by student supports (SUSI). Students need to apply directly to IT Sligo to assess their eligibility for financial support.

IT Sligo will review applications for financial support to fund (fully/partially) registration fees.

**Fees are subject to annual review.*

PROGRAMME PARTNERS:



Supported by the HEA in partnership with:



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Mhaigh Eo, Shligigh agus Liatroma
Mayo, Sligo and Leitrim
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Oiliúna Dhúin na rGall
Donegal Education and
Training Board

FOR MORE INFORMATION CONTACT THE PROGRAMME CHAIRS

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You'll also find us on:

