



BSc (Hons)

**in Applied Computing
(Games Development)**

Are there minimum entry level requirements?

Candidates must have six passes:
Maths Ord B3 or Higher D3, English or Irish Ord D3
or Higher D3, Two Higher C3 or better

What points do I need to get?

2001	2002	2003	2004	2005
290	280	290	315	300

How do I apply?

You apply through the CAO system. The code for this course is WD028

How do I find out more?

Contact your careers advisor or Waterford Institute of Technology for a copy of the prospectus on 051 302000.

Programme Leader: Ms. Mairead Meagher
Head of Department: Dr. Mícheál Ó hÉigearthaigh

Address:
Department of Computing, Mathematics and Physics
Waterford Institute of Technology
Waterford.

Tel: 051 302037
Email: computinginfo@wit.ie
Website: www.wit.ie/computing



Your Questions Answered

What is the BSc (Hons) in Applied Computing (Games Development) ?

The B.Sc. (Hons) in Applied Computing is a long established and internationally respected four year honours degree.

The main part of the programme equips you with strong programming/systems development/problem solving skills.

Games Programming is a particular stream of this degree and is designed to help you learn how to use those skills creatively in the exciting world of digital games. Games programming makes the action happen.

What subjects will I study?

You will be able to create highly interactive, exciting digital games that showcase your valuable creative and technical skills to a waiting world.

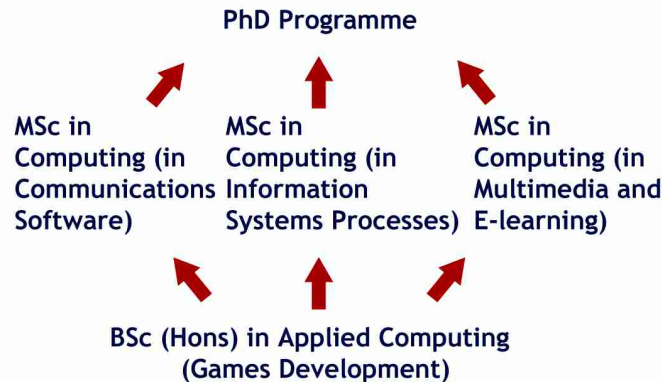
- Fun, Games and Game Technology
- Computer graphics and animation for games and visualisation
- Network and database technology that underpins massively multiplayer games
- Problem solving and creative thinking
- Structure and operation of computers, networks and internets
- Programming and systems development (you write code to make the hardware work) using languages such as Java and C++
- Maths and Physics for games and simulation
- Project Management
- Team work

You will also take part in a six-month industrial placement and will be expected to complete a final year project to bring together your technical and problem-solving skills in a supported environment.



What follow-on study opportunities are available?

You can pursue a masters programme and a PhD Programme.



What career opportunities will I have?

The digital games industry is now a bigger money spinner than the movie industry. Games technology not only powers spectacular special effects, but is creating a whole new film genre - Machinima!

Games are transforming everything from adult literacy to Shakespearean drama, from pilot training to surgical techniques and from fractions to relativity.

A senior vice president at Yahoo! Corporation claims he learned his management skills through managing a clan of thousands of players online.

You can turn a hobby into an exciting and rewarding career. Play to win! Start here!

What area could I expect to work in?

New media games are everywhere - on your phone, in your home, and on the streets. Ireland is a growing player in all these global markets, so the opportunities are endless!

- Games Programming
- Scientific Visualisation
- Software Development
- Research
- Education

