



OLLSCOIL NA  
GAILLIMH  
UNIVERSITY  
OF GALWAY

Coláiste na hEolaíochta  
& na hInnealtóireachta  
College of Science  
& Engineering



BSc

Biotechnology

GY304

University  
ofGalway.ie

# BSc Biotechnology

## Why choose this course?

Biotechnology is an ideal course if you enjoy biology and want to learn more about how cutting-edge advances in molecular biology and technology are applied to treat diseases, address food shortages, create new green fuels and help clean the environment.

Ireland's Biopharma and Biotech industries continue to grow and there is a strong demand for well-trained, experienced graduates.

Features that make our graduates stand out are:

- Language skills; having a modern language enhances job opportunities
- Placement; opportunity to train in industry or Erasmus lab in Europe
- Employability modules; tailored training to prepare for job market
- Small class sizes; get to know your tutors and great camaraderie

## Course Overview

Biotechnology is the application of biology for the benefit of humanity and the environment. Our BSc Biotechnology is a science-focused and closely mentored course with strong career opportunities and an international outlook.

Alongside core knowledge of modern biology, the BSc Biotechnology degree provides tailored training in communications, business and languages skills.

University  
ofGalway.ie

## Career Opportunities

Ireland's life sciences sector has a global reputation for excellence, there are over 85 Biopharma/ Biotech companies in Ireland, and Ireland is in the top 5 exporters of pharmaceuticals in the world. This success relies on a strong pool of local talent. Graduates of Galway's BSc Biotechnology have found rewarding careers for over three decades across the life sciences sector, as well as in healthcare, the food industry and environmental roles.

In addition to science roles, their specialist training also opens doors to areas such as management, education, medicine and marketing.

## Duration

4 years

## Average Intake

28

**The highlight for me was the Erasmus Lab Research Placement for 5 months in France during 3rd year. Biotech is the only science programme in the country that offers this, so alongside the language and business training, this gives us a really unique CV that stands out from other science graduates.**

**Ben O'Gorman**  
Graduate



**Find out more**  
School of Biological  
and Chemical Sciences



**Dr Stephen Rea**  
Programme Director  
biotechnology@  
universityofgalway.ie





OLLSCOIL NA  
GAILLIMH  
UNIVERSITY  
OF GALWAY

Coláiste na hEolaíochta  
& na hInnealtóireachta  
College of Science  
& Engineering



BSc

Bith-theicneolaíocht

GY304

University  
ofGalway.ie

# BSc Bith-theicneolaíocht

## Cén fáth a roghnófa an cúrsa?

An Bhith-theicneolaíocht an cúrsa is fearr duitse má thaitníonn an bhitheolaíocht leat agus má theastaíonn uait foghlaim faoin gcaoi a bhfuil an dul chun cinn ceannródaíoch atá ag tarlú sa bhitheolaíocht mhóilíneach agus sa teicneolaíocht in úsáid le cóireáil a chur ar othair, le dul i ngleic le ganntanas bia, le breoslaí nua glasa a chruthú agus leis an timpeallacht a ghlanadh.

Tá tionscail Biopharma agus Biotech na hÉireann ag fás i gcónaí agus tá éileamh láidir ann le haghaidh céimithe dea-oilte a bhfuil saintaithí acu.

Saintréithe ár gcéimithe:

- Scileanna teanga; cuireann nuatheanga le do chuid deiseanna fostaíochta
- Socrúcháin; an deis oiliúnt a fháil san earnáil féin nó i saotharlann ar Erasmus san Eoraip
- Modúil fostaíochta; sainoilíúint le thú a ullmhú le haghaidh an mhargaidh fostaíochta
- Ranganna beaga; cuirfidh tú aithne ar do chuid teagascóirí agus bíonn comrádaíocht iontach ann

## Forléargas ar an gCúrsa

Is ionann an Bhith-theicneolaíocht agus feidhm phraiticiúil a bhaint as an mbitheolaíocht ar mhaithe le leas an duine agus na timpeallachta.

Chomh maith leis an eolas a sholáthraíonn an BSc sa Bhith-theicneolaíocht ar an mbitheolaíocht féin, cuireann sé sainoilíúint ar fáil freisin sa chumarsáid, sa ghnó agus i dteangacha.

University  
ofGalway.ie

## Deiseanna Gairme

Tá cáil dhomhanda ar earnáil eolaíochtaí beatha na nÉireann, tá os cionn 85 comhlacht Biopharma/Biotech in Éirinn, agus tá an tír i measc na 5 easportálaí cógaisíochta is mó ar domhan. Braitheann an rath seo ar bhuíon áitiúil daoine tréitheacha a bheith ar fáil. Tá céimithe de chuid an BSc sa Bhith-theicneolaíocht atá againn anseo i nGaillimh tar éis gairmeacha tairbheacha a bhaint amach le scór bliain go leith anuas i réimsí éagsúla d'earnáil na n-eolaíochtaí beatha, chomh maith le gairmeacha sa chúram sláinte, i dtionscal an bhia agus i rólanna a bhaineann le caomhnú na timpeallachta.

## Fad

4 bliana

## Meánlíon mac léinn

28

Bhí ranganna beaga ann sa chúrsa Bith-theicneolaíochta agus mar sin chuireamar aithne ar a chéile go han-tapa, agus bhí caidreamh níos dlúithe leis na léachtóirí againn. Thaitin an éagsúlacht ábhar liom, agus is rud uathúil é teanga a bheith againn i gcomparáid le céimithe eolaíochta eile.

Ben O’Gorman  
Céimí



Tuilleadh eolais  
School of Biological  
and Chemical Sciences



Dr Stephen Rea  
Programme Director  
biotechnology@  
universityofgalway.ie

