

Overview

Year 1	Year 2	Year 3	Year 4
[60 Credits]	[60 Credits]	[60 Credits]	[60 Credits]
		German III Human Molecular Genetics Plant and Agricultural Genetics Immunology and Recombinant Techniques Protein Biochemistry Plus one of: Cell Signalling	

BSc Biotechnology

Year 1	Year 2	Year 3	Year 4
[Core: 55 credits; Options: 5 credit	[Core: 55 credits; Options: 5 credits]	[Core: 25 Credits; Options: 35 credits]	[Core: 40 credits; Options: 20 credits]
BO101 Biology [15] BG110 Biotechnology I [5] BG111 Biotechnology Skills with Frer German [5] BG1101 Employability for Biotechnology Chemistry: The World of the N [15] FR137 French for Biotechnology I [5] GR150 German for Biotechnology I [5] Semester 1 ST2001 Statistics for Data Science I [5] Semester 2 ST2002 Statistics in Data Science II [5]	Semester 1 BG204 Biotechnology Skills with French/ German II[5] MI202 B0201 B0201 Molecular and Cellular Biology [5] CH203 B1208 Protein Structure and Function [5] Semester 2 CH205 B1206 Analytical & Environmental Chemistry Gene Technologies and Molecular	Semester 1	Full Year – Semester 1 and Semester 2 BG4101 Advanced Skills and Employability for Biotechnologists [15]* BI452 Biochemistry Principles and Experimental Design [5] BI453 Biochemistry Research Project [15]* BI447 Literature Review and Presentation [10] Semester 1 BI445 Biomolecules [5] MG529 Introduction To Business [10] Modern Biotechnologies [5] Semester 2 MI442 Bioprocessors and Recombinant Protein Production [5]* PAB4104 Plant and Agri-Biotechnologies [5]* BI449 Molecular and Cellular Biology [5]
* Select one 5-credit module	* Select one 5-credit module	*Select one 5-credit language module. *Select one 5-credit modules in the On- Campus option.	*Select one 5-credit module. *Assigned one 15-credit module

Module Descriptors for Years 1 to 4 are available at: https://www.universityofgalway.ie/science-engineering/undergraduateprogrammes/biotechnology.html#course_outline