

# HND Biotechnology (G7YC 16)

## Section A — Mandatory section (all credits required)

Unit	SCQF level	Credit	Code
Presentation skills in Science	7	1	DG70 34
Information Technology: Applications Software 1	7	1	D75X 34
Fundamental Chemistry: Theory and Practice	7	2	DH2K 34
Quality and Health & Safety Systems in Science Industries	7	1	DF82 34
Statistics for Science 1	7	1	DN8C 34
Cell Biology: Theory and Practice	7	1	DJ1K 34
DNA Structure and Function	7	1	DJ6Y 34
Microbiology: Theory and Practice	7	2	DH55 34
Biotechnology: An Introduction	7	1	DJ00 34
DNA Molecular Techniques: Theory and Practice	8	2	DJ6X 35
Microbiological Techniques: Theory and Practice	8	2	DH2P 35
Protein Structure and Function	8	1	DG6X 35
Instrumental Techniques: Theory and Practice 1	8	1	DH54 35
Animal and Plant Cell Culture: An Introduction	7	1	DH2H 34
Science Industry: Key Issues	7	1	DP9M 34
Immunotechnology: Theory and Practice	8	1	DH2M 35
Applied Sciences: Graded Unit 1	7	1	DJ89 34
Biotechnology: Graded Unit 2	8	2	DJ8A 35

## Section B — Optional Units (7 credits required)

Unit	SCQF level	Credit	Code
Food Science: Theory and Practice	8	1	DH9Y 35
Environmental Biology	7	1	D033 13
Biochemistry: Theory and Practice	7	1	DH2J 34
Applied Biochemical Techniques	7	1	DG6Y 34
Employment Experience 2	7	1	D77H 34
Human Body Structure and Function	8	2	DG71 35
Instrumental Techniques: Theory and Practice 2	8	1	DH2N 35
Fundamental Chemistry: An Introduction	6	1	DX29 33
Immunological Techniques: Theory and Practice	8	1	DH2L 35

<b>Unit</b>	<b>SCQF level</b>	<b>Credit</b>	<b>Code</b>
Medicinal Chemistry	8	1	DP4W 35
Biomedical Pathology	8	1	DN35 35
Biomedical Investigations	8	1	DP4R 35
Genetics	7	1	DP4P 34
Bioinformatics	8	1	DV9D 35
Mathematics for Science 1	6	1	DN8D 33

### **Optional Broadening Units**

<b>Unit</b>	<b>SCQF level</b>	<b>Credit</b>	<b>Code</b>
Workplace Communication in English	6	1	DE1K 33
Personal Development Planning	7	1	DE3R 34
Work Role Effectiveness (2003)	7	3	DG6E 34
Work Role Effectiveness (2003)	8	3	DG6G 35