Degree planner – BSc(Tech) in Molecular and Cellular Biology

If no point value is listed, papers are worth 15 points.

List A
Choose 45 points from the following:
APHYS111 Physics in Context
BIOBE102 Introduction to Ecology and Biodiversity
CHEMY100 Chemistry in Context
CHEMY101 Structure and Spectroscopy
CHEMY102 Chemical Reactivity
EARTH101 Introduction to Earth System Sciences
EARTH102 Discovering Planet Earth
ENGEN111 Electricity and Electronics
ENGEN112 Materials Science and Engineering
ENGEN180 Foundations of Engineering
ENVSCI101 Environmental Science
PHIL102 Introduction to Logic

List B
Choose 30 points from the following:
MATHS168 Preparatory Mathematics
MATHS165 General Mathematics
MATHS135 Discrete Structures
MATHS101 Introduction to Calculus Or ENGEN184 Calculus for Engineers
MATHS102 Introduction to Algebra Or ENGEN183 Linear Algebra and Statistics for Engineers
COMPX101 Introduction to Computer Science Or ENGEN103 Engineering Computing
STATS111 Statistics for Science Or STATS121 Introduction to Statistical Methods
PHYSIC100 General Physics Or PHYSIC101 Physics for Engineers and Scientists Or ENGEN110 Engineering Mechanics
MATHS20X 200 Level Mathematics
COMPXX200 200 Level Computer Science
STATS20X 200 Level Statistics
CHEMY202 Physical Chemistry Or CHEMY204 Analytical Chemistry
EARTH251 Spatial Analysis in Geosciences Or ENVPL202 Cartography and Spatial Analysis
ENGEN201 Engineering Mathematics 2

BIOMO3 Papers
Choose 45 points from the following:
BIOMO301 Advanced Biochemistry
BIOMO302 Advanced Genetics
BIOMO303 Advanced Microbiology
BIOMO304 Applied Animal Physiology
BIOMO305 Molecular Biology and Biotechniques
BIOMO306 Molecular Biology and Health