Degree planner — BSc in Materials Science

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

List A
Choose 45 points from the following:
APHYS111 Physics in Context
BIOE8101 Concepts of Biology
BIODE102 Introduction to Ecology and Biodiversity
BIOMO101 Introduction to Molecular and Cellular Biology
CHEMY100 Chemistry in Context
EARTH101 Introduction to Earth System Sciences
EARTH102 Discovering Planet Earth
ENGEN111 Electricity and Electronics
ENGEN112 Materials Science and Engineering
ENGEN180 Foundations of Engineering
ENVSC101 Environmental Science
PHILO102 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
COMPK101 Introduction to Computer Science Or ENGEN103 Engineering Computing
STATS111 Statistics for Science Or STATS121 Introduction to Statistical Methods
PHYS100 General Physics Or PHYS101 Physics for Engineers and Scientists Or ENGEN110 Engineering Mechanics
MATHS2XX 200 Level Mathematics
COMPK2XX 200 Level Computer Science
STATS2XX 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

List C
Choose 15 points from the following:
SCIE301 Capstone Project
SCIE303 Undergraduate Research Project
SCIE312 Undergraduate Research Project
SCIE314 Science Entrepreneurship

200 Level Materials Science Papers
Choose 15 points from the following:
CHEMY201 Organic Chemistry
CHEMY203 Inorganic Chemistry

300 Level Materials Science Papers
Choose 15 points from the following:
CHEMY301 Advanced Organic Chemistry
CHEMY303 Advanced Inorganic Chemistry
CHEMY304 Advanced Analytical Chemistry