

Foundation Course Structure (Semesters 1 - 4)

Semester 1	Semester 2	Semester 3	Semester 4
BIO 111 Ecology and Evolution (3103)	BIO 121 Biomolecules (3103)	BIO 211 Genetics and Molecular Biology (3103)	BIO 221 Introduction to Cell Biology and Microbiology (3103)
CHY 111 Atomic Structure & Chemical Bonding (3103)	CHY 121 Basic Concepts in Organic & Inorganic Chemistry I (3103)	CHY 211 Basic Concepts in Organic & Inorganic Chemistry II (3103)	CHY 221 Physical Chemistry I (3103)
MAT 111 Single Variable Calculus (3103)	MAT 121 Introduction to Linear Algebra (3103)	MAT 211 Multivariable Calculus (3103)	MAT 221 Introduction to Probability (3103)
PHY 111 Mechanics (3103)	PHY 121 Electromagnetism (3103)	PHY 211 Optics (3103)	PHY 221 Thermal and Statistical Physics (3103)
BIO 112 Biology Lab I (0031)	BIO 122 Biology Lab II (0031)	BIO 212 Biology Lab III (0031)	
CHY 112 Chemistry Lab I (0031)		CHY 212 Chemistry Lab II (0031)	CHY 222 Chemistry Lab III (0031)
PHY 112 Physics Lab I (0031)	PHY 122 Physics Lab II (0031)		PHY 222 Physics Lab III (0031)
IDC 111 Mathematical Tools I (2102)	IDC 121 Mathematical Tools II (3103)	IDC 211 Physical Principles in Biology (3103)	IDC 221 Principles of Spectroscopy (3103)
IDC 112 Fundamentals of Programming (0031)	IDC 122 Numeric Computing (0031)	IDC 212 Data Handling and Visualisation (0031)	IDC 222 Scientific Computing (0031)
Communication Skills I (1001)	Communication Skills II (1001)	Economics (1001)	Languages (1001)
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