

Department of Biological Science (DBS)

No.	Subject Code	Subject Description	Pre-requisite(s)
1	BIO2034	Human Molecular Genetics	BIO1134 Principles of Genetics (MBO) BIO1244 Basic Genetics (BIOP & BIOM)
2	BIO2114	Molecular Biology	BIO1114 Cell Biology
3	BIO2124	Cell and Tissue Culture	Nil
4	BIO2134	Instrumental Analysis	Nil
5	BIO2164	Current Issues in Biomedical Sciences	Nil
6	BIO2284	Medical Entomology	Nil
7	BIO2234	Pharmacology & Toxicology	Nil
8	BIO2144	Biodiversity	Nil
9	BIO2224	Medical Immunology	Nil
10	BIO3094	Immunology	Nil
11	BIO3144	Bioinformatics	Nil
12	BIO 3014	Neurobiology	BIO1114 Cell Biology AND BIO2024 Biochemistry (BIOP)
13	BIO3124	Pharmaceutical Technology	Nil
14	BIO 3214	Haematology and Transfusion Science	Nil
15	BIO 3284	Parasitology and Virology	BIO2044 Medical Microbiology
16	BIO 3292	Health and Safety in Laboratory Management	Nil

Department of Compute and Information Systems (DCIS)

No.	Subject Code	Subject Description	Pre-requisite(s)
1	BIS2024	Mobile Commerce	Nil
2	BIS2102	Information Systems Analysis & Design	Nil
3	BIS2204	Electronic Commerce	Nil
4	BIS2216	Data Mining and Knowledge Discovery Fundamentals	IST1014 / IST1024 Introduction to Statistics
5	CSC2014	Digital Image Processing	Nil
6	CSC2034	Embedded Systems	PRG1114 Programming Concepts and Problem Solving AND CSC1202 Computer Organisation
7	CSC2064	Computer Organisation	Nil
8	CSC2074	Mobile Application Development	PRG1203 Object Oriented Programming Fundamentals
9	CSC2103	Data Structures & Algorithms	CSC1024 Programming Principles
10	CSC2104	Operating System Fundamentals	Nil
11	CSC2205	C# Programming	PRG1203 Object Oriented Programming Fundamentals
12	ETP2014	Startup Foundry	Nil
13	IST2034	Analytics Engineering	IST1014 Introduction to Statistics
14	IST2234	Visual Analytics Techniques for Business and Science	IST1014 Introduction to Statistics
15	IST2334	Web and Network Analytics	Nil
16	MTH2102	Discrete Mathematics	MTH1101 / MTH1104 Calculus
17	MTH2103	Probability and Statistics	Nil
18	MTH2113	Probability and Statistics	Nil
19	MU4 2413	Community Service	ENG2013 (MU2 2713) Communication Skills
20	MU4 2422	Community Service	ENG2042 (MU2 2812) Communication Skills
21	NET2102	Data Communications	Nil
22	NET2103	Network & System Administration	Nil
23	NET2201	Computer Networks	Nil
24	PRG2104	Object-Oriented Programming	PRG1203 Object Oriented Programming Fundamentals
25	PRG2205	Programming Languages	CSC2103 Data Structures & Algorithms AND PRG2104 Object-Oriented Programming
26	PRG2214	Functional Programming Principles	CSC1024 Programming Principles AND MTH1114 Computer Mathematics
27	PRG2224	Enterprise Application Development	PRG1203 Object Oriented Programming Fundamentals AND WEB1201 Web Fundamentals
28	SEG2202	Software Engineering	CSC1024 Programming Principles, PRG1203 Object Oriented Programming Fundamentals
29	SWE2033	Requirement Engineering	SEG2202 Software Engineering
30	WEB2202	Web Programming	WEB1201 Web Fundamentals
31	BIS3034	CRM Application Development	BIS3014 Customer Relationship Management
32	BIS3106	Project Management	Nil
33	BIS3208	Seminar Series	Nil
34	BIS3216	Data Mining and Knowledge Discovery	IST1014 Introduction to Statistics AND BIS2216 / DBS1214 Data Mining and Knowledge Discovery Fundamentals
35	BIS3217	Electronic Commerce Development	Nil
36	BIS3218	Business Intelligence Systems	For BSDA: DBS1214 Data Mining and Knowledge Discovery Fundamentals AND MAT1024 Linear Algebra and Applications For BIS: IST1014 Introduction to Statistics AND IST2024 Applied Statistics
37	CSC3024	Human Computer Interaction	WEB1201 Web Fundamentals
38	CSC3034	Computational Intelligence	CSC2064 Artificial Intelligence
39	CSC3044	Computer Security	SEG1201 Database Fundamentals, CSC1024 Programming Principles AND WEB1201 Web Fundamentals
40	CSC3064	Database Engineering	SEG2102 Database Management Systems
41	CSC3206	Artificial Intelligence	MTH1114 Computer Mathematics
42	CSC3209	Software Architecture and Design Patterns	PRG2104 Object-Oriented Programming, SEG2202 Software Engineering
43	IST3144	Problem Solving using Analytics Tools	IST2034 Analytics Engineering
44	MMD3105	Multimedia Networking	Nil
45	NET3106	Network Security	Nil
46	NET3204	Distributed Systems	For BIT, BSE & BCNS: PRG1203 Object Oriented Programming Fundamentals For BCS: PRG2104 Object-Oriented Programming
47	NET3207	Network Management	Nil
48	SEC3014	Advanced Network Security	NET2201 Computer Networks
49	SEC3034	Computer Hacking Forensic Investigator	Nil
50	SEC3044	Advanced Topics in Computer Security	NET3106 Network Security, CSC3044 Computer Security
51	SWE3024	Code Camp	SEG2202 Software Engineering
52	SWE3043	Software Testing	SEG2202 Software Engineering
53	SWE3053	Software Evolution and Maintenance	SEG2202 Software Engineering
54	PRJ3213	Capstone Project 1	For BCNS: ENG1044 English for Computer Technology Studies For BIT & BCS: ENG1044 English for Computer Technology Studies AND PRG2104 Object-Oriented Programming For BSBA/BSDA: ENG1044 English for Computer Technology Studies AND BIS2216 Data Mining and Knowledge Discovery Fundamentals For BIS: ENG1044 English for Computer Technology Studies AND BIS1014 Information Systems Concepts For BSE: ENG1044 English for Computer Technology Studies AND SEG2202 Software Engineering For BMCE: ENG1044 English for Computer Technology Studies AND MBC2014 Mobile Application Development I
55	PRJ3223	Capstone Project 2	PRJ3213 Capstone Project 1
56	SEG3024	Capstone Project 1	SEG3012 Capstone Project 1
57	SEG3104(1)	Capstone Project 1	Nil
58	SEG3104(2)	Capstone Project 2	Nil

Department of Psychology (DPSY)

No.	Subject Code	Subject Description	Pre-requisite(s)
1	PSY 2104	Biological Psychology	PSY1114 Introduction to Psychology I AND PSY1124 Introduction to Psychology II
2	PSY 2114	Developmental Psychology	PSY1114 Introduction to Psychology I AND PSY1124 Introduction to Psychology II
3	PSY 2134	Sensation and Perception	PSY1114 Introduction to Psychology I AND PSY1124 Introduction to Psychology II
4	PSY 2144	Social Psychology	PSY1114 Introduction to Psychology I AND PSY1124 Introduction to Psychology II
5	RSM 2044	Research Methods in Psychology	PSY1114 Introduction to Psychology I AND PSY1124 Introduction to Psychology II
6	PSY 3044	History of Psychology	RSM2044 Research Methods in Psychology
7	PSY 3084	Educational Psychology	RSM2044 Research Methods in Psychology
8	PSY 3104	Counselling Psychology	RSM2044 Research Methods in Psychology
9	PSY 3114	Organisational Psychology	RSM2044 Research Methods in Psychology
10	PSY 3124	Personality Psychology	RSM2044 Research Methods in Psychology
11	PSY 3064	Human Neuropsychology	RSM2044 Research Methods in Psychology
12	PRJ 3026-1	Research Project Part 1	RSM2044 Research Methods in Psychology
13	PRJ 3026-2	Research Project Part 2	RSM2044 Research Methods in Psychology
14	PRJ 3026	Research Project Final	RSM2044 Research Methods in Psychology