

SECOND MAJOR IN DATA ANALYTICS: APPROVED PRE-REQUISITE MAPPING

Category	Course	Offering Semester	Official Pre-requisites	Approved Mapping	Applicable Programmes
Knowledge Area 4	MH1403 Algorithms and Computing (3AU)	2	PS0001	CV1014	CEE, ENE, MS
Knowledge Area 5	SC2207 Introduction to Databases (3AU)	1 & 2	SC2001	MH1403	CEE, ENE, MS
Knowledge Area 6	EE4483 Artificial Intelligence & Data Mining (3AU)	1	EE/IM2007/EE2107 & EE0005	CV2019 & CV0003	CEE, ENE
				MT2004 & MH2814 & CV0003	MS
Knowledge Area 6	SC4020 Data Analytics and Mining (3AU)	1	SC2001	MH1403	CEE, ENE, MS
Knowledge Area 7	SC4024 Data Visualization (3AU)	1	SC1003 & SC2000 OR SC1003 & MH2500	CV1014 & MH2814	CEE, ENE, MS
Elective	BC2407 Analytics II: Advanced Predictive Techniques (4AU)	2	AB1202 & BC2406	MH2814 & BC2406	CEE, ENE, MS
Elective	CH4244 Numerical Method and Data Analytics (3AU)	1	BG2211 or CH2107	MH2814 & BC2406	CEE, ENE, MS
Elective	MS4671 Introduction to Materials Simulation (3AU)	2	MS0003 & MS1008	CV1014 & CV0003	CEE, ENE, MS
Elective	SC4002 Natural Language Processing (3AU)	1	SC2001	MH1403	CEE, ENE, MS
Elective	SC4021 Information Retrieval (3AU)	2	SC2001	MH1403	CEE, ENE, MS
Elective	SC4022 Network Science (3AU)	2	SC2001	MH1403	CEE, ENE, MS