

MAIB CURRICULUM & CREDITS

Subjects	Timetabled Hour	Core / Elective	Credit	EFTSL	Pre-requisites
Term 1					
Mathematics of Artificial Intelligence	36	Core	2	0.0833333	Nil
Introduction to Programming	36	Core	2	0.0833333	Nil
Data Visualisation and Analytics	36	Core	2	0.0833333	Nil
Economics	18	Core	1	0.0416667	Nil
Financial Accounting	18	Core	1	0.0416667	Nil
Term total	144		8		
Term 2					
Machine Learning	36	Core	2	0.0833333	Mathematics of Artificial Intelligence, Introduction to Programming
Reasoning and Decision Making under Uncertainty	36	Core	2	0.0833333	Mathematics of Artificial Intelligence, Introduction to Programming
Data Structures and Algorithms	18	Core	1	0.0416667	Introduction to Programming
Optimisation	18	Core	1	0.0416667	Mathematics of Artificial Intelligence
Organisational Behaviour	18	Core	1	0.0416667	Nil
Operations Management	18	Core	1	0.0416667	Nil
Term total	144		8		
Term 3					
Deep Learning	36	Core	2	0.0833333	Introduction to Programming
Natural Language Processing and Models	36	Core	2	0.0833333	Introduction to Programming
Software Development for AI models	18	Core	1	0.0416667	Introduction to Programming
Introduction to Databases	18	Core	1	0.0416667	Nil
Corporate Finance	18	Core	1	0.0416667	Financial Accounting
Marketing Management	18	Core	1	0.0416667	Nil
Term total	144		8		
Term 4					
AI in Finance	36	Core	2	0.0909091	Machine Learning, Corporate Finance
AI in Marketing	36	Core	2	0.0909091	Machine Learning, Marketing Management
AI in Operations	36	Core	2	0.0909091	Machine Learning, Operations Management
Ethics, Sociology, and Governance of Artificial Intelligence	18	Core	1	0.0454545	Machine Learning
Design Thinking	18	Core	1	0.0454545	Machine Learning
Term total	144		8		

Term 5					
Advanced Topics in Generative AI	36	Core	2	0.0909091	Deep Learning, Natural Language
Computer Vision with Applications	36	Core	2	0.0909091	Machine Learning, Deep Learning
Business Strategy	18	Core	1	0.0454545	Economics, Organisational Behaviour
<i>Elective (select one of the following two)</i>					
Applied Business Project	36	Elective	2	0.0909091	All units, Terms 1-4
Applied Research Project	36	Elective	2	0.0909091	All units, Terms 1-4
Term total	126		7		
Term 6					
<i>Choose one of the following two</i>					
AI Strategy and Innovation Management	36	Elective	2	0.0909091	Machine Learning , Business Strategy
AI and Entrepreneurship	36	Elective	2	0.0909091	Machine Learning , Business Strategy
Seminar on Current Advances in AI	18	Core	1	0.0454545	Deep Learning, Advanced Topics in Generative AI
<i>Elective (Select one of the following two)</i>					
Capstone Industry Project	72	Elective	4	0.1818182	Applied Business Project , All units, Term 5
Capstone Research Project	72	Elective	4	0.1818182	Applied Research Project , All units, Term 5
Term total	126		7		
All total	828		46		