NANYANG TECHNOLOGICAL UNIVERSITY SINGAPORE

MASTER OF SCIENCE PROGRAMMES TIMETABLE FOR SEMESTER 2 OF ACADEMIC YEAR 2023-2024

PROGRAMME	TYPE	MONDAY 6.30PM-9.30PM	TUESDAY 6.30PM-9.30PM	WEDNESDAY 6.30PM-9.30PM	THURSDAY 6.30PM-9.30PM	FRIDAY 6.30PM-9.30PM	SATURDAY 9.30AM-12.30PM	SATURDAY 2.30PM-5.30PM
MSc ARTIFICIAL INTELLIGENCE	CORE	**AI6101:** INTRODUCTION TO AI & AI ETHICS		**AI6102:** MACHINE LEARNING: METHODOLOGIES & APPLICATIONS			**AI6104:** MATHEMATICS FOR ARTIFICIAL INTELLIGENCE	**AI6103:** DEEP LEARNING & APPLICATIONS
	ELECTIVE		**AI6127:** DEEP NEURAL NETWORKS FOR NATURAL LANGUAGE PROCESSING		**AI6123:** TIME SERIES ANALYSIS

AI6125: MULTI-AGENT SYSTEM | **AI6126:** ADVANCED COMPUTER VISION | | |
| **MSc CYBER SECURITY** | CORE | | | **SE6004:** SECURITY & RISKS MANAGEMENT | | | | |
| | ELECTIVE | **SE6016:** FORENSICS | **SE6017:** TOPICS IN CRYPTO AND CYBERSECURITY

SE6019: PRIVACY PRESERVING TECHNOLOGIES & SECURITY IN AI | | **SE6013:** SOFTWARE SECURITY | **SE6014:** SECURITY MONITORING & THREAT DETECTION | | |
| **MSc DATA SCIENCE** | CORE | **SD6105:** DATA VISUALISATION | **SD6103:** DATA SYSTEMS | **#AI6102:** MACHINE LEARNING: METHODOLOGIES & APPLICATIONS | **SD6104:** DATA PREPARATION (Pre-requisites: AI6102 Machine Learning and SD6103 Data Systems) | | | |
| | ELECTIVE | | | | **#AI6123:** TIME SERIES ANALYSIS | **SD6125:** DATA MINING | **#AI6104:** MATHEMATICS FOR ARTIFICIAL INTELLIGENCE | **#AI6103:** DEEP LEARNING & APPLICATIONS |

For Master Projects:

MSc ARTIFICIAL INTELLIGENCE	**AI6129:** AI MASTER PROJECT	Please Liaise Directly with Supervisor (2 Semesters – From January 2024 to November 2024)
MSc CYBER SECURITY	**SE6005:** CAPSTONE PROJECT	
MSc DATA SCIENCE	**SD6106:** CAPSTONE PROJECT	

MASTER OF SCIENCE PROGRAMMES TIMETABLE FOR SEMESTER 2 OF ACADEMIC YEAR 2023-2024

(as at Jan 2024)

13 Weeks: 15 Jan – 19 Apr 2024 | Recess: 4 Mar – 8 Mar 2024 | Examination: 22 Apr – 10 May 2024

Course Code & Title		Lecturers	Schedule	Venue	Remark
AI6101	INTRODUCTION TO AI & AI ETHICS	Prof Yu Han+ / Prof Bo An / Dr Leo Kwok	Monday 6:30PM – 9:30PM	LT3	
AI6102	MACHINE LEARNING: METHODOLOGIES & APPLICATIONS	Prof Zhang Hanwang+ / Prof Deepu Rajan	Wednesday 6:30PM – 9:30PM	LT3	Cross-listed to MSc DS
AI6103	DEEP LEARNING & APPLICATIONS	Prof Li Boyang, Albert+ / Dr Liu Xiaohui [Guest Lecturer]	Saturday 2:30PM – 5:30PM	LT3	Cross-listed to MSc DS
AI6104	MATHEMATICS FOR ARTIFICIAL INTELLIGENCE	Prof Kong Wai-Kin Adams	Saturday 9:30AM – 12:30PM	LT3	Cross-listed to MSc DS
AI6123	TIME SERIES ANALYSIS	Prof Pan Guangming	Thursday 6:30PM – 9:30PM	LT6	Cross-listed to MSc DS
AI6125	MULTI-AGENT SYSTEM	Prof Zhang Jie	Thursday 6:30PM – 9:30PM	LT7	
AI6126	ADVANCED COMPUTER VISION	Prof Loy Chen Change+ / Prof Liu Ziwei	Friday 6:30PM – 9:30PM	LT6	
AI6127	DEEP NEURAL NETWORKS FOR NATURAL LANGUAGE PROCESSING	Prof Luu Anh Tuan	Tuesday 6:30PM – 9:30PM	LT5	
AI6129	AI MASTER PROJECT (6 AU)	Prof Yu Han+	Please Liaise Directly with Supervisor (From January 2024 to November 2024)		
SD6103	DATA SYSTEMS	Prof Long Cheng+ / Prof Cong Gao / Dr Wang Wei (ByteDance) [Guest Lecturer]	Tuesday 6:30PM – 9:30PM	LT7	
SD6104	DATA PREPARATION	Prof Sourav S Bhowmick	Thursday 6:30PM – 9:30PM	LT3 (Wk 1-11) LHN-LT (Wk 12 & 13)	(Pre-requisites: AI6102 Machine Learning and SD6103 Data Systems)
SD6105	DATA VISUALISATION	Prof Goh Wooi Boon	Monday 6:30PM – 9:30PM	LT7	
SD6106	CAPSTONE PROJECT (6 AU)	Prof Sourav S Bhowmick+	Please Liaise Directly with Supervisor (From January 2024 to November 2024)		(Pre-requisites: SD6101 Data Science Thinking, AI6102 Machine Learning and SD6103 Data Systems)
SD6125	DATA MINING	Prof Lin Guosheng+ / Prof Cong Gao	Friday 6:30PM – 9:30PM	LT7	
SE6004	SECURITY & RISKS MANAGEMENT	Prof Anwitaman Datta+ / Dr Tay Kian Boon	Wednesday 6:30PM – 9:30PM	LT5	
SE6005	CAPSTONE PROJECT (6 AU)	Dr Li Fang+	Please Liaise Directly with Supervisor (From January 2024 to November 2024)		
SE6013	SOFTWARE SECURITY	Mr Ong Chin Ann+ / Dr Gondesen Florian Max	Thursday 6:30PM – 9:30PM	LT8	
SE6014	SECURITY MONITORING & THREAT DETECTION	Prof Anwitaman Datta+ / Mr Vicky Ray (Ext Instructor)	Friday 6:30PM – 9:30PM	LT5	
SE6016	FORENSICS	Mr Ong Chin Ann+ / Mr Leonard Ong (Ext Instructor)	Monday 6:30PM – 9:30PM	LT19	
SE6017	TOPICS IN CRYPTO AND CYBERSECURITY	Prof Guo Jian (SPMS)	Tuesday 6:30PM – 9:30PM	LT15	
SE6019	PRIVACY PRESERVING TECHNOLOGIES & SECURITY IN AI	Prof Wang Huaxiong (SPMS)+ / Prof Zhang Jie / Dr Prastudy Fauzi (SCRIPTS) / Dr Bhasin Shivam (SPMS)	Tuesday 6:30PM – 9:30PM	LT16	