

PG Courses availability for AY2024-2025 Semester 1

Last Updated 16/5/2024

School	Course Code	Course Title	AUS	Remarks
ADM	AP7055	Art in the Age of Creative Machine	3	Previous knowledge of artistic practice as an artist or a researcher is needed. This course is recommended for creative practitioners.
ASE	ES7001	Natural Hazards and Society	3	
ASE	ES7008	Geophysical Data Analysis	3	
ASE	ES7010	Geochemistry	4	
ASE	ES7024	Global Change Ecology	3	
ASE	ES7028	Experimental Design & Analysis for Ecology	4	
ASE	ES7029	GIS and the Earth System	3	
ASE	ES7030	Natural Infrastructure for Resilient Urban Systems	3	
ASE	ES7031	Population Genetic Theory & Its Application	3	
SBS	BS7002	Tools for Structural and Computational Biology	3	
SBS	BS7003	Graduate Seminar Course	3	Class size if exceeded, School will not approve the course for exchange student
SBS	BS7020	Drug discovery : An odyssey from the laboratory to the market	3	
CEE	CV6103	Structural Dynamics	3	
CEE	CV6107	Behavopr and Design of Steel and Composite Structures	3	
CEE	CV6109	Advanced Concrete Technology	3	
CEE	CV6162	Structural Response to Blast Loading	3	
CEE	CV6311	Soil Behaviour and Engineering Properties	3	
CEE	CV6315	Engineering Geology and Rock Engineering	3	
CEE	CV6481	Urban and Regional Transport Planning	3	
CEE	MT6101	Project Management	3	
CEE	MT6102	Maritime Economics	3	
CEE	MT6105	International Business Financing & Insurance	3	
CEE	MT6201	Shipping Management I (BI)	3	
CEE	MT6401	Environmental Shipping	3	
CEE	CV7001	Finite Element Methods	3	
CEE	CV7502	Aquatic Chemistry	3	
CCEB	CM7012	Advanced Chemical Instrumentation	2	CM7012 is only open to PG Exchange Students.
CCEB	CH7003	Advanced Reaction Engineering	3	
CCEB	CH7004	Advanced Chemical Engineering Thermodynamics	3	
CCDS	CE6127	Artificial Intelligence in Game Design	3	
CCDS	CE6190	Special Topic-Recent Advance on Image Segmentation and Its Applications	3	
MAE	MA6804	Advanced Mechanics of Materials	3	Capped at 5 Exchange Students
MAE	MA6811	Product Design & Development	3	Capped at 5 Exchange Students
MAE	MA6812	Advanced Materials Engineering	3	Capped at 5 Exchange Students
MAE	MA6701	Quantitative Methods for Operations Analysis	3	Capped at 5 Exchange Students
MAE	MA6704	Management of Logistics Functions	3	Capped at 5 Exchange Students

School	Course Code	Course Title	AUS	Remarks	
MAE	MA6501	Manufacturing Control and Automation	3	Capped at 5 Exchange Students	
MAE	MA6503	Lasers and Optics in Smart Industry	3	Capped at 5 Exchange Students	
MAE	MA6511	Advanced Manufacturing Processes	3	Capped at 5 Exchange Students	
MAE	MA6513	Advanced Design for Manufacturing	3	Capped at 5 Exchange Students	
MAE	MA7131	Finite Element Method	3	Capped at 5 Exchange Students	
MAE	MS7130	Organic Materials	3	The lectures of these courses are pre-recorded. Students are to access the course materials via ATLAS (MSE in-house learning platform on NTULearn) and conduct self-paced learning at their convenience.	
MSE	MS7140	Properties of Materials	2		
MSE	MS7240	Modelling of Materials	1		
MSE	MS7310	Chemical Analysis of Materials	2		
MSE	MS7320	Physical Analysis of Materials	2		
MSE	MS7340	Crystal Chemistry of Materials	4		
MSE	MS7420	Biomaterials	2		
MSE	MS7440	Environmental & Thermal Degradation of Polymeric Materials	2		
MSE	MS7460	Polymer Recycling & Sustainable Polymeric Materials	2		
MSE	MS7470	Nanostructured Materials for Healthcare	2		
MSE	MS7480	Polymer Properties, Design & Sustainability	1		
SoH	HR7001	Graduate Proseminar in History, Theory, and Criticism of Art	3		Background in Art History, English or History, or closely related humanities field. Approval from course instructor required.
SoH	HR7002	Directed Readings in Art History	3		Background in Art History, English or History. Approval from course instructor required.
SoH	HC7014	A Study of Chinese-Language Film Culture	3	Proficiency in listening, speaking, and writing in the Chinese language is required at an intermediate level and above. Approval from course instructor required.	
SoH	HC7101	Graduate Seminar	3	Approval from course instructor required.	
SoH	HL7113	Graduate Seminar in Postcolonial Literature & Theory	3	Background in English and Literature. Approval from course instructor required.	
SoH	HL7114	Graduate Seminar in Cultural Studies	3	Some academic background in the study of literature, music, visual and performing arts, media studies. Approval from course instructor required.	
SSS	HE7002	Econometrics I	3	Interested students to contact Course Instructors first at: 1. Assoc Prof Feng Qu: qfeng@ntu.edu.sg 2. Asst Prof Seok Young Hong: seokyoung.hong@ntu.edu.sg	

Note: PG Courses offered by the below Schools are not available to exchange students:

- 1 School of Electrical and Electronic Engineering (EEE)**
- 2 Nanyang Business School (NBS)**
- 3 Wee Kim Wee School of Communication & Information (WKWSCI)**