

**PG Courses Offered in AY2022/AY2023 Semester 2**  
(for GEM Trailblazer Exchange Students)

S/N	School	Course Code	Course Title	AUS	Remarks
1	ADM	<b>AP7036</b>	Narrative Strategies and Moving Images	3	Subject to approval by course lecturer
2	ADM	<b>AP7040</b>	Exhibition Design	3	Subject to approval by course lecturer
3	ADM	<b>AP7044</b>	New Media History and Theory	3	Subject to approval by course lecturer
4	ADM	<b>AP7057</b>	Seminar in Design and Colors	3	Subject to approval by course lecturer
5	SBS	<b>BS7001</b>	Foundation Course in Molecular & Cell Biology	3	
6	SBS	<b>BS7005</b>	Practical Course in Multidimensional NMR spectroscopy	3	
7	SBS	<b>BS7016</b>	Bioentrepreneurship	3	
8	SBS	<b>BS7107</b>	Special Topics in Computational Biology & Modeling	3	
9	SBS	<b>BS7019</b>	Fundamentals of Immunology-Concepts and Experiments	3	
10	SCSE	<b>CE6103</b>	Virtual Reality	3	
11	SCSE	<b>CE6121</b>	Human Computer Interaction Theory and Practice	3	
12	CCEB	<b>CM7002</b>	Graduate Organic Chemistry	4	
13	CCEB	<b>CM7010</b>	Graduate Chemical Biology	4	
14	CCEB	<b>CM7015</b>	Graduate Basic and Technical Inorganic Chemistry	2	
15	CCEB	<b>CM7017</b>	Advanced Analytical and Spectroscopic Methods in Materials Chemistry	2	
16	CCEB	<b>CM7018</b>	Advanced Synthetic and Physical Approaches to Materials Chemistry	2	
17	CCEB	<b>BG7002</b>	Molecular Biophysics	3	
18	CEE	<b>CV6107</b>	Behaviour and Design of Steel and Composite Structures	3	
19	CEE	<b>CV6108</b>	Analysis and Design of Tall Buildings	3	
20	CEE	<b>CV6312</b>	Slope Stability and Ground Improvement	3	
21	CEE	<b>CV6313</b>	Shallow and Deep Foundations	3	
22	CEE	<b>CV6314</b>	Excavation & Earth Retaining Systems	3	
23	CEE	<b>CV6422</b>	Statistical Methods and Applications	3	
24	CEE	<b>CV7002</b>	Advanced Strength of Materials	3	
25	CEE	<b>CV7003</b>	Advanced Engineering Mathematics	3	
26	CEE	<b>CV7501</b>	Membrane Science & Technology	3	

S/N	School	Course Code	Course Title	AUS	Remarks
27	SOH	HC7003	Special Topics in Chinese Overseas & Their Relations with China	3	Nil
28	SOH	HC7006	Special Topics in Modern/Contemporary Chinese Literature	3	Nil
29	SOH	HC7015	East Asian Cultural Interaction: Text & Image Studies	3	Nil
30	SOH	HG7011	The Politics of Language	3	Background in Linguistics required
31	SOH	HG7015	Topics in Psycholinguistics	3	Background in Linguistics required
32	SOH	HG7020	Readings in Linguistics Research	3	Background in Linguistics required
33	SOH	HG7029	Advanced Semantics	3	Background in Linguistics required
34	SOH	HG7032	Topics in Corpus Linguistics	3	Background in Linguistics required
35	SOH	HG7036	Linguistic Typology	3	Background in Linguistics required
36	SOH	HG7038	Origins & Evolution of Language: Biological, Computational, & Cultural Foundations	3	Background in Linguistics required
37	SOH	HG7041	The Anatomy & Physiology of Speaking & Hearing	3	Background in Linguistics required
38	SOH	HH7113	Advanced Directed Readings in History	3	1 to 1 class, prior agreement of a History faculty member to conduct HH7113
39	SOH	HH7114	Archives	3	Background in humanities, art/design/media or social sciences
40	SOH	HH7888	Directed Reading in History	3	1 to 1 class. prior agreement of a History faculty member to conduct HH7888
41	SOH	HL7110	Graduate Seminar in Contemporary Literature & Culture	3	Some background in humanistic or media studies required.
42	SOH	HL7114	Graduate Seminar in Cultural Studies	3	Some background in humanistic or media studies required.
43	SOH	HL7205	Graduate Seminar in Creative Writing: Place & Time	3	English literature or Creative Writing background preferable.
44	MAE	MA6502	Fundamentals & Advances In Additive Manufacturing	3	Capped at 5 Exchange Students
45	MAE	MA6504	Management of Global Manufacturing	3	Capped at 5 Exchange Students
46	MAE	MA6514	Machine Learning and Data Science	3	Capped at 5 Exchange Students
47	MAE	MA6702	Corporate Resource Planning	3	Capped at 5 Exchange Students
48	MAE	MA6731	System Reliability & Risk Analysis	3	Capped at 5 Exchange Students
49	MAE	MA6741	Quality Engineering	3	Capped at 5 Exchange Students
50	MAE	MA6801	Advanced Thermal Engineering	3	Capped at 5 Exchange Students
51	MAE	MA6802	Engineering Measurements	3	Capped at 5 Exchange Students
52	MAE	MA6816	Laser Assisted Manufacturing	3	Capped at 5 Exchange Students
53	MAE	MA7111	Mechanics of Solids and Fracture	3	Capped at 5 Exchange Students

S/N	School	Course Code	Course Title	AUS	Remarks
54	SPMS	<b>MH7001 MAS710</b>	Continuous Methods	4	Only for postgraduate exchange students majoring in math.
55	SPMS	<b>MH7009 MAS723</b>	Topics in Probability and Statistics I	4	
56	SPMS	<b>MH7014 MAS790</b>	Graduate Seminar – Discrete Mathematics I	4	
57	SPMS	<b>MH7018 MAS794</b>	Graduate Seminar – Pure Mathematics I	4	Only for postgraduate exchange students
58	SPMS	<b>PH7024 PAP777</b>	Graduate Quantum Mechanics	4	
59	SPMS	<b>PH7013 PAP723</b>	Advanced Numerical Methods for Physicists	4	Only for postgraduate exchange students
60	SPMS	<b>PH7015 PAP732</b>	Nonlinear Optics	4	
61	SPMS	<b>PH7001 PAP701</b>	Graduate Seminar Module	4	Only for postgraduate exchange students
62	SPMS	<b>PH7021 PAP750</b>	Quantum Information Theory	4	
63	MSE	<b>MS7110</b>	History of Materials	1	
64	MSE	<b>MS7140</b>	Properties of Materials	2	
65	MSE	<b>MS7220</b>	Processing of Organic Materials	3	
66	MSE	<b>MS7320</b>	Physical Analysis of Materials	2	
67	MSE	<b>MS7330</b>	Electron Microscopy of Materials	4	
68	MSE	<b>MS7340</b>	Crystal Chemistry of Materials	4	
69	MSE	<b>MS7410</b>	Nanomaterials	3	
70	MSE	<b>MS7430</b>	Electronic Materials & Devices	3	
71	SSS	<b>HE7001</b>	Mathematical Economics	3	
72	SSS	<b>HE7003</b>	Econometrics II	3	
73	SSS	<b>HE7106</b>	Topics In Mathematical Economics & Microeconomics	3	
74	SSS	<b>HP7303</b>	Seminar On Computational Social Science & Big Data	3	
					Last Updated 07/12/2022

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

School of Electrical and Electronic Engineering (EEE)

Nanyang Business School (NBS)

Wee Kim Wee School of Communication & Information (WKWSCI)