

Courses offered for PhD Student Exchange Programme For Semester 2 of AY2026/2027 (January – May 2027)

Notes:

- List is subject to changes without prior notice. Courses that do not appear in this list are not available for exchange students.
- For course outline, pre-requisites, workload, timetable information, please visit [NUSMODS website](#) and enter the course code in the search box. Timetable for Semester 2 of the new academic year will be published in mid-December.

College/Faculty/School	Department	Course Code	Course Title	Class Nbr	Class Schedule
College of Design and Engineering	Chemical & Biomolecular Engineering	CN5111	OPTIMIZATION OF CHEMICAL PROCESSES	L1	THURS 18:00-21:00
College of Design and Engineering	Chemical & Biomolecular Engineering	CN5191	Project Engineering	L1	FRI 18:00-21:00
College of Design and Engineering	Electrical & Computer Engineering	EE5508	SEMICONDUCTOR FUNDAMENTALS	L01	THURS 18:00-21:00
College of Design and Engineering	Electrical & Computer Engineering	EE6104	ADAPTIVE CONTROL SYSTEMS (ADVANCED)	L01	FRI 18:00-21:00
College of Design and Engineering	Electrical & Computer Engineering	EE6135	Digital Communications (Advanced)	L01	WED 18:00-21:00
College of Design and Engineering	Electrical & Computer Engineering	EE5434	Microelectronic Processes and Integration	L01	FRI 18:00-21:00
College of Design and Engineering	Electrical & Computer Engineering	EE6831	Advanced Electromagnetic Theory and Applications	L01	MON 18:00-21:00
College of Design and Engineering	Electrical & Computer Engineering	EE6832	Selected Topics in EM Metamaterial and Multiple-Antenna	L01	FRI 18:00-21:00
College of Design and Engineering	Electrical & Computer Engineering	EE6531	Selected Topics in Smart Grid Technologies	L01	TUES 18:00-21:00
College of Design and Engineering	Electrical & Computer Engineering	EE6437	Advanced Semiconductor Devices	L01	WED 18:00-21:00
College of Design and Engineering	Electrical & Computer Engineering	EE5801	Electromagnetic Compatibility	L01	THURS 18:00-21:00
College of Design and Engineering	Industrial Systems Engineering & Management	IE6505	Stochastic Processes II	L1	TUES 14:00-17:00
College of Design and Engineering	Industrial Systems Engineering & Management	IE6520	Theory and Algorithms for Online Learning	L1	MON 14:00-17:00
College of Design and Engineering	Mechanical Engineering	ME5106	Engineering Acoustics	L01	FRI 18:00-21:00
College of Design and Engineering	Mechanical Engineering	ME5506	Corrosion of Materials	L01	THURS 18:00-21:00
College of Design and Engineering	Mechanical Engineering	ME5611	SUSTAINABLE PRODUCT DESIGN & MANUFACTURING	L01	FRI 18:00-21:00
College of Design and Engineering	Mechanical Engineering	ME6504	Mechanical Failure Analysis: Learning from Examples	L01	MON 18:00-21:00
College of Design and Engineering	Mechanical Engineering	ME6604	Modelling of Manufacturing Processes	L01	TUES 18:00-21:00
College of Design and Engineering	Mechanical Engineering	OT5301	Subsea Systems Engineering	L01	WED 18:00-21:00
College of Design and Engineering	Mechanical Engineering	OT5304	Subsea Construction & Operational Support	L01	FRI 18:00-21:00
College of Design and Engineering	Mechanical Engineering	ME5516	Emerging Energy Conversion and Storage Technologies	L01	FRI 18:00-21:00
College of Design and Engineering	Mechanical Engineering	ME5612	COMPUTER AIDED PRODUCT DEVELOPMENT	L01	THURS 18:00-21:00
College of Design and Engineering	Mechanical Engineering	ME5309	Aircraft Engines and Rocket Propulsion	L01	TUES 18:00-21:00
Faculty of Science	Biological Sciences	BL5216	ADVANCED GENETICS AND GENOME SCIENCES	L1	TUES 10:00-12:00, WED 10:00-12:00
Faculty of Science	Chemistry	CM5225	Asymmetric Catalysis	L1	TUES 18:00-22:00
Faculty of Science	Pharmacy and Pharmaceutical Science	PR5113	CLINICAL PHARMACOKINETICS & THERAPEUTIC DRUG MONITORING	L1	FRI 18:00-20:00
Faculty of Science	Pharmacy and Pharmaceutical Science	PR5216	ADVANCES IN DRUG DELIVERY	L1	TUES 18:00-21:00
Faculty of Science	Pharmacy and Pharmaceutical Science	PR5136	Seminar and Teaching	L1	WED 14:00-16:00
Faculty of Science	Pharmacy and Pharmaceutical Science	PR5130	Advanced Pharmacotherapy I	L1	THURS 16:00-18:00
Faculty of Science	Physics	PC5202	ADVANCED STATISTICAL MECHANICS	L1	MON 16:00-18:00, THURS 16:00-18:00

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Faculty of Science	Physics	PC5213	Advanced Biophysics	L1	WED 10:00-12:00, THURS 14:00-16:00
Faculty of Science	Physics	PC5206	Selected Topics in Quantum Field Theory	L1	TUES 14:00-16:00, FRI 14:00-16:00
NUS Business School	Accounting	BAA6002C	Current Topics in Empirical Accounting Research I	S01	
NUS Business School	Accounting	BAA6002D	Current Topics in Empirical Accounting Research II	S01	
NUS Business School	Analytics and Operations	BDC6303	Queues and Stochastic Networks	S01	
NUS Business School	Analytics and Operations	BDC6223	DAO Proseminar	S01	
NUS Business School	Finance	BZD6004	Applied Econometrics II	S01	TUES 15:00-18:00
NUS Business School	Finance	FIN6006	Corporate Finance	S01	
NUS Business School	Management & Organisation	BZD6011	ADVANCED QUANTITATIVE RESEARCH METHODS	S01	MON 12:00-15:00, THURS 12:00-15:00
NUS Business School	Management & Organisation	BMO6018A	Behaviorial Ethics	S01	
NUS Business School	Management & Organisation	BMO6026A	Groups and Teams	S01	
NUS Business School	Marketing	BZD6016	Econometric Models in Marketing	S01	
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH6001	Advanced Epidemiology II	L1	MON 18:00-21:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH6004	Advanced Statistical Learning	L1	FRI 09:00-12:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5102	Design, Conduct and Reporting of Clinical Trials	L1	MON 13:00-17:30, MON 09:00-12:00, TUES 09:00-12:00, TUES 13:00-17:30, WED 13:00-17:30, WED 09:00-12:00, THURS 09:00-12:00, THURS 13:00-17:30, FRI 13:00-17:30, FRI 09:00-12:00, SAT 09:00-11:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5103	Collection, Management & Analysis of Quantitative Data	L1	TUES 18:00-21:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5104	Analytics for Better Health	L1	THURS 18:00-21:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5201	Control of Communicable Diseases	L1	THURS 18:00-21:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5202	Control of Non-Communicable Diseases	L1	WED 18:00-21:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5401	Health Economics and Financing	L1	MON 18:00-21:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5404	Measuring and Managing Quality of Care	L1	WED 18:00-21:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5405	Introduction to Health Services Research	L1	THURS 18:00-21:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5411	Information Technology in Healthcare	L1	MON 13:00-18:00, MON 09:00-12:00, TUES 13:00-18:00, TUES 09:00-12:00, WED 09:00-12:00, WED 13:00-18:00, THURS 13:00-18:00, THURS 09:00-12:00, FRI 09:00-12:00, FRI 13:00-18:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5413	Women's, Children's and Adolescents' Health	L1	MON 14:00-17:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5311	Workplace Safety and Health	L1	MON 08:00-14:00, MON 15:00-18:00, TUES 08:00-14:00, TUES 15:00-18:00, WED 15:00-18:00, WED 08:00-14:00, THURS 15:00-18:00, THURS 08:00-14:00, FRI 09:00-11:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5312	Assessment and Control of Occupational Hazards	L1	TUES 18:00-21:00, THURS 18:00-21:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5314	Enterprise Occupational Health Practice	L1	FRI 18:00-21:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH6008	Applying Social Theory in Public Health Research	L1	MON 18:00-21:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5315	Public Health at the Workplace	L1	MON 18:00-21:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH6101	Advanced Infectious Disease Modelling	L1	WED 18:00-21:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH6007	Health Systems and Policy Analysis	L1	FRI 14:00-17:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH6102	Inferential Infectious Disease Modelling	L1	TUES 18:00-21:00

Courses offered for PhD Student Exchange Programme For Semester 1 of AY2026/2027 (August – December 2026)

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College of Design and Engineering	Biomedical Engineering	BN5104	Quantitative Physiology Principles in Bioengineering	L1	WED 18:00-21:00
College of Design and Engineering	Biomedical Engineering	BN5208	Biomedical Quality and Regulatory Systems	L1	TUES 18:00-21:00
College of Design and Engineering	Chemical & Biomolecular Engineering	CN5191	Project Engineering	L1	
College of Design and Engineering	Chemical & Biomolecular Engineering	CN5246	Catalysis Science and Engineering	L1	
College of Design and Engineering	Industrial Systems Eng and Management	IE6001	Foundations of Optimization	L1	FRI 14:00-17:00
College of Design and Engineering	Industrial Systems Eng and Management	IE6002	Advanced Engineering Statistics	L1	TUES 14:00-17:00
College of Design and Engineering	Industrial Systems Eng and Management	MT5913	TechLaunch - Experiential Entrepreneurship	L1	TUES 18:00-21:00
College of Design and Engineering	Industrial Systems Eng and Management	MT5920	Enterprise Development	L1	MON 18:00-21:00
College of Design and Engineering	Materials Science & Engineering	MLE5104	Physical Properties of Materials	L1	TUES 09:00-12:00
College of Design and Engineering	Materials Science & Engineering	MLE6101	Thermodynamics and Kinetics of Materials	L1	THURS 12:00-14:00
College of Design and Engineering	Mechanical Engineering	ME5304	Experimental Fluid Mechanics	L01	TUES 18:00-21:00
College of Design and Engineering	Mechanical Engineering	ME5405	Machine Vision	L01	WED 18:00-21:00
College of Design and Engineering	Mechanical Engineering	ME5513	Deformation, Fracture and Fatigue of Materials	L01	THURS 18:00-21:00
College of Design and Engineering	Mechanical Engineering	ME5608	Additive and Non-Conventional Manufacturing Processes	L01	MON 18:00-21:00
College of Design and Engineering	Mechanical Engineering	ME6401	Topics in Mechatronics 1	L01	TUES 18:00-21:00
College of Design and Engineering	Mechanical Engineering	OT5102	Oil & Gas Technology	L01	FRI 18:00-21:00
Faculty of Arts & Social Science	Malay Studies	MS5101	Social Science and Malay Studies	E1	MON 18:00-21:00
Faculty of Arts & Social Science	Southeast Asian Studies	CAS5101	Theorizing from Asia	E1	TUES 18:00-21:00
Faculty of Science	Chemistry	CM5212	Crystal Engineering	L1	THURS 14:00-18:00
Faculty of Science	Chemistry	CM5221	Advanced Organic Synthesis	L1	TUES 18:00-22:00
Faculty of Science	Chemistry	CM5224	Emerging Concepts in Drug Discovery	L1	WED 18:00-22:00
Faculty of Science	Chemistry	CM5235	Applied Computational Chemistry	L1	TUES 18:00-22:00
Faculty of Science	Chemistry	CM5241	Modern Analytical Techniques	L1	WED 14:00-18:00
Faculty of Science	Chemistry	CM5263	Advanced Inorganic Electronic Materials	L1	THURS 18:00-22:00
Faculty of Science	Physics	PC5201	Advanced Quantum Mechanics	L1	WED 10:00-12:00, FRI 10:00-12:00
Faculty of Science	Physics	PC5228	Quantum Information and Computation	L1	MON 14:00-16:00, THURS 14:00-16:00
NUS Business School	Accounting	BAA6001C	Foundation of Empirical Research in Accounting	S01	MON 15:00-18:00
NUS Business School	Accounting	BAA6001D	An Interdisciplinary Approach to Accounting and Sustainability	S01	THURS 15:00-18:00
NUS Business School	Analytics and Operations	BDC6112	Stochastic Processes I	S01	MON 15:00-18:00
NUS Business School	Finance	FIN6002	Banking and Household Finance	S01	TUES 15:00-18:00
NUS Business School	Marketing	BZD6013	Psychological Theories in Consumer Research	S01	THURS 15:00-18:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5105	Advanced Geospatial Methods for Public Health	L1	FRI 18:00-21:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5406	Contemporary Global Health Issues	L1	MON 14:00-17:00

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Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5408	Public Health and Ageing	L1	MON 18:00-21:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5409	Qualitative Methods in Public Health	L1	FRI 14:00-17:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5415	Healthcare Operations & Performance	L1	FRI 18:00-21:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5417	Fundamentals of Population Health	L1	MON 18:00-21:00
Saw Swee Hock School of Public Health	SSHSPH Dean's Office	SPH5421	Modelling Techniques in HTA	L1	MON 18:00-21:00
Yong Loo Lin School of Medicine	Alice Lee Centre for Nursing Studies	NUR6004	Systematic Review and Meta-Analysis	L1	FRI 14:00-16:00