

Courses offered for PhD Student Exchange Programme For Semester 2 of AY2024/2025 (January – May 2025)

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 1 of the new academic year will be published in mid-July.

College/Faculty/School	Department	Course Code	Course Title	Class Nbr	Class Schedule
College of Design and Eng	Biomedical Engineering	BN5201	Advanced Biomaterials	L1	TBD
College of Design and Eng	Biomedical Engineering	BN5203	ADVANCED TISSUE ENGINEERING	L1	TBD
College of Design and Eng	Biomedical Engineering	BN6401	Advanced Quantitative Fluorescence Microscopy	L1	TBD
College of Design and Eng	Chemical & Biomolecular Eng	CN5111	OPTIMIZATION OF CHEMICAL PROCESSES	L1	TBD
College of Design and Eng	Chemical & Biomolecular Eng	CN5191	Project Engineering	L1	TBD
College of Design and Eng	Chemical & Biomolecular Eng	CN5215	Atomistic Modelling of Molecules and Materials	L1	TBD
College of Design and Eng	Electrical & Computer Eng	EE5434	Microelectronic Processes and Integration	L01	TBD
College of Design and Eng	Electrical & Computer Eng	EE5508	SEMICONDUCTOR FUNDAMENTALS	L01	TBD
College of Design and Eng	Electrical & Computer Eng	EE5517	Optical Engineering	L01	TBD
College of Design and Eng	Electrical & Computer Eng	EE5801	Electromagnetic Compatibility	L01	TBD
College of Design and Eng	Electrical & Computer Eng	EE6104	ADAPTIVE CONTROL SYSTEMS (ADVANCED)	L01	TBD
College of Design and Eng	Electrical & Computer Eng	EE6135	Digital Communications (Advanced)	L01	TBD
College of Design and Eng	Electrical & Computer Eng	EE6437	Advanced Semiconductor Devices	L01	TBD
College of Design and Eng	Electrical & Computer Eng	EE6440	Advanced Topics in Photonics	L01	TBD
College of Design and Eng	Electrical & Computer Eng	EE6531	Selected Topics in Smart Grid Technologies	L01	TBD
College of Design and Eng	Electrical & Computer Eng	EE6831	Advanced Electromagnetic Theory and Applications	L01	TBD
College of Design and Eng	Electrical & Computer Eng	EE6832	Selected Topics in EM Metamaterial and Multiple-Antenna	L01	TBD
College of Design and Eng	Electrical & Computer Eng	EE6833	Selected Topics in Microwave and Antenna Engineering	L01	TBD
College of Design and Eng	Industrial Systems Eng & Mgmt	IE5105	Modelling for Supply Chain Systems	L1	TBD
College of Design and Eng	Industrial Systems Eng & Mgmt	IE5107	Operations Analysis and Management	L1	TBD
College of Design and Eng	Industrial Systems Eng & Mgmt	IE5108	Facility Layout And Location	L1	TBD
College of Design and Eng	Industrial Systems Eng & Mgmt	IE5121	Quality Planning And Management	L1	TBD
College of Design and Eng	Industrial Systems Eng & Mgmt	IE6099	ISE RESEARCH METHODOLOGY	L1	TBD
College of Design and Eng	Industrial Systems Eng & Mgmt	MT5010	Technology Forecasting, Intelligence & Foresighting	L1	TBD
College of Design and Eng	Industrial Systems Eng & Mgmt	MT5911	Venture Capital Funding for TechVenture	L1	TBD
College of Design and Eng	Industrial Systems Eng & Mgmt	MT5912	Frugal Innovation	L1	TBD
College of Design and Eng	Industrial Systems Eng & Mgmt	MT5913	TechLaunch - Experiential Entrepreneurship	L1	TBD
College of Design and Eng	Mechanical Engineering	ME5106	Engineering Acoustics	L01	TBD
College of Design and Eng	Mechanical Engineering	ME5309	Aircraft Engines and Rocket Propulsion	L01	TBD
College of Design and Eng	Mechanical Engineering	ME5405	Machine Vision	L01	TBD
College of Design and Eng	Mechanical Engineering	ME5506	Corrosion of Materials	L01	TBD
College of Design and Eng	Mechanical Engineering	ME5516	Emerging Energy Conversion and Storage Technologies	L01	TBD
College of Design and Eng	Mechanical Engineering	ME5611	SUSTAINABLE PRODUCT DESIGN & MANUFACTURING	L01	TBD
College of Design and Eng	Mechanical Engineering	ME5612	COMPUTER AIDED PRODUCT DEVELOPMENT	L01	TBD
College of Design and Eng	Mechanical Engineering	ME6504	Mechanical Failure Analysis: Learning from Examples	L01	TBD
College of Design and Eng	Mechanical Engineering	ME6604	Modelling of Manufacturing Processes	L01	TBD
College of Design and Eng	Mechanical Engineering	OT5301	Subsea Systems Engineering	L01	TBD
College of Design and Eng	Mechanical Engineering	OT5304	Subsea Construction & Operational Support	L01	TBD

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Faculty of Arts & Social Sci	English,Ling.&Theatre Studies	TS5212	ASIAN INTERNATIONAL CINEMA	E1	TBD
Faculty of Arts & Social Sci	English,Ling.&Theatre Studies	TS5213	Performing Shakespeare in Asia	E1	TBD
Faculty of Science	Biological Sciences	BL5202A	BIOPHYSICAL METHODS IN LIFE SCIENCES	L1	TBD
Faculty of Science	Biological Sciences	BL5203	Molecular Interactions in Chromatin	L1	TBD
Faculty of Science	Biological Sciences	BL5210	Biogeography and Global Change	L1	TBD
Faculty of Science	Biological Sciences	BL5213	PROTEIN DESIGN & ENGINEERING	L1	TBD
Faculty of Science	Biological Sciences	BL5216	ADVANCED GENETICS AND GENOME SCIENCES	L1	TBD
Faculty of Science	Biological Sciences	BL5218	Directed Studies in Behavioural Ecology	L1	TBD
Faculty of Science	Biological Sciences	BL5224	Signalling Mechanisms in Cancers and Metabolic Diseases	L1	TBD
Faculty of Science	Chemistry	CM5225	Asymmetric Catalysis	L1	TBD
Faculty of Science	Pharmacy&PharmaceuticalScience	PR5113	CLINICAL PHARMACOKINETICS & THERAPEUTIC DRUG MONITORING	L1	TBD
Faculty of Science	Pharmacy&PharmaceuticalScience	PR5130	Advanced Pharmacotherapy I	L1	TBD
Faculty of Science	Pharmacy&PharmaceuticalScience	PR5136	Seminar and Teaching	L1	TBD
Faculty of Science	Pharmacy&PharmaceuticalScience	PR5216	ADVANCES IN DRUG DELIVERY	L1	TBD
Faculty of Science	Physics	PC5202	ADVANCED STATISTICAL MECHANICS	L1	TBD
Faculty of Science	Physics	PC5206	Quantum Field Theory	L1	TBD
Faculty of Science	Physics	PC5210	Advanced Dynamics	L1	TBD
Faculty of Science	Physics	PC5213	Advanced Biophysics	L1	TBD
Faculty of Science	Physics	PC5247	Photonics II	L1	TBD
Faculty of Science	Statistics and Data Science	ST5224	Advanced Statistical Theory II	L1	TBD
NUS Business School	Accounting	BAA6002A	Capital Market Tax Research	S01	TBD
NUS Business School	Accounting	BAA6002B	Banking Research	S01	TBD
NUS Business School	Analytics and Operations	BDC6303	Queues and Stochastic Networks	S01	TBD
NUS Business School	Finance	BZD6004	Applied Econometrics II	S01	TBD
NUS Business School	Management & Organisation	BMO6024	Seminar in Human Resource Management	S01	TBD
NUS Business School	Management & Organisation	BMO6029	Psychology of Technology	S01	TBD
NUS Business School	Management & Organisation	BZD6011	ADVANCED QUANTITATIVE RESEARCH METHODS	S01	TBD
NUS Business School	Marketing	BZD6015	Economic Models and Experiments in Marketing	S01	TBD
NUS Business School	Strategy and Policy	BBP6781	Theory of Strategic Management	S01	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH5101	Advanced Quantitative Methods I	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH5102	Design, Conduct and Reporting of Clinical Trials	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH5103	Collection, Management & Analysis of Quantitative Public Health Data	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH5104	Analytics for Better Health	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH5201	Control of Infectious Diseases	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH5202	Control of Non-Communicable Diseases	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH5205	Urban Outbreak Management	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH5311	Workplace Safety and Health	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH5312	Assessment and Control of Occupational Hazards	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH5314	Enterprise Occupational Health Practice	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH5401	Health Economics and Financing	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH5404	Measuring and Managing Quality of Care	L1	TBD

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SSH School of Public Health	SSH School of Public Health DO	SPH5405	Introduction to Health Services Research	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH5411	Information Technology in Healthcare	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH5412	Economic Methods in Health Technology Assessment	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH5413	Women’s, Children’s and Adolescents’ Health	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH5422	Applied Econometrics for Programme Evaluation	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH6001	Advanced Epidemiology II	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH6002	Advanced Quantitative Methods II	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH6004	Advanced Statistical Learning	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH6007	Health Systems and Policy Analysis	L1	TBD
SSH School of Public Health	SSH School of Public Health DO	SPH6008	Applying Social Theory in Public Health Research	L1	TBD
Yong Loo Lin School (Medicine)	Alice Lee Ctr for Nursing Stud	NUR6005	Measurement Theory and Instrument Validation	L1	TBD

**Courses offered for PhD Student Exchange Programme
For Semester 1 of AY2024/2025 (August – December 2024)**

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College of Design and Eng	Biomedical Engineering	BN5104	QUANTITATIVE PHYSIOLOGY PRINCIPLES IN BIOENGINEERING	L1	Wednesday (06.00.00 PM - 09.00.00 PM)
College of Design and Eng	Biomedical Engineering	BN5208	Biomedical Quality and Regulatory Systems	L1	Tuesday (06.00.00 PM - 09.00.00 PM)
College of Design and Eng	Chemical & Biomolecular Eng	CN5191	Project Engineering	L1	Friday (06.00.00 PM - 09.00.00 PM)
College of Design and Eng	Chemical & Biomolecular Eng	CN5246	Catalysis Science and Engineering	L1	Wednesday (06.00.00 PM - 09.00.00 PM)
College of Design and Eng	Industrial Systems Eng & Mgmt	IE6001	Foundations of Optimization	L1	Friday (02.00.00 PM - 05.00.00 PM)
College of Design and Eng	Industrial Systems Eng & Mgmt	IE6002	ADVANCED ENGINEERING STATISTICS	L1	Thursday (11.00.00 AM - 02.00.00 PM)
College of Design and Eng	Industrial Systems Eng & Mgmt	MT5913	TechLaunch - Experiential Entrepreneurship	L1	Tuesday (06.00.00 PM - 09.00.00 PM)
College of Design and Eng	Industrial Systems Eng & Mgmt	MT5920	Enterprise Development - Experiential Innovation	L1	Monday (06.00.00 PM - 09.00.00 PM)
College of Design and Eng	Materials Science & Eng	MLE5104	PHYSICAL PROPERTIES OF MATERIALS	L1	Tuesday (12.00.00 PM - 03.00.00 PM)
College of Design and Eng	Materials Science & Eng	MLE6101	THERMODYNAMICS AND KINETICS OF MATERIALS	L1	Thursday (09.00.00 AM - 11.00.00 AM)
College of Design and Eng	Mechanical Engineering	ME5304	Experimental Fluid Mechanics	L01	Tuesday (06.00.00 PM - 09.00.00 PM)
College of Design and Eng	Mechanical Engineering	ME5405	Machine Vision	L01	Wednesday (06.00.00 PM - 09.00.00 PM)
College of Design and Eng	Mechanical Engineering	ME5513	Deformation, Fracture and Fatigue of Materials	L01	Wednesday (06.00.00 PM - 09.00.00 PM)
College of Design and Eng	Mechanical Engineering	ME5608	Additive and Non-Conventional Manufacturing Processes	L01	Monday (06.00.00 PM - 09.00.00 PM)
College of Design and Eng	Mechanical Engineering	ME6401	TOPICS IN MECHATRONICS 1	L01	Wednesday (06.00.00 PM - 09.00.00 PM)
College of Design and Eng	Mechanical Engineering	OT5102	Oil & Gas Technology	L01	Wednesday (06.00.00 PM - 09.00.00 PM)
Faculty of Arts & Social Sci	History	HY6101	HISTORIOGRAPHY: THEORY & ARCHIVE	E1	Tuesday (06.00.00 PM - 09.00.00 PM)
Faculty of Arts & Social Sci	Malay Studies	MS5101	SOCIAL SCIENCE AND MALAY STUDIES	E1	Monday (06.00.00 PM - 09.00.00 PM)
Faculty of Arts & Social Sci	Political Science	PS5314	SEMINAR IN INTERNATIONAL RELATIONS	E1	Tuesday (06.00.00 PM - 09.00.00 PM)
Faculty of Arts & Social Sci	Political Science	PS6770	GRADUATE RESEARCH SEMINAR	E1	Thursday (06.00.00 PM - 09.00.00 PM)
Faculty of Arts & Social Sci	Southeast Asian Studies	CAS5101	Theorizing from Asia	E1	Tuesday (06.00.00 PM - 09.00.00 PM)

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Faculty of Science	Chemistry	CM5161	Advanced Chemical Laboratory Safety	L1	Monday (08.00.00 AM - 12.00.00 PM), Tuesday (08.00.00 AM - 12.00.00 PM), Wednesday (08.00.00 AM - 12.00.00 PM), Thursday (08.00.00 AM - 12.00.00 PM), Friday (08.00.00 AM - 12.00.00 PM)
Faculty of Science	Chemistry	CM5221	ADVANCED ORGANIC SYNTHESIS	L1	Tuesday (06.00.00 PM - 10.00.00 PM)
Faculty of Science	Chemistry	CM5241	Modern Analytical Techniques	L1	Monday (12.00.00 PM - 04.00.00 PM)
Faculty of Science	Physics	PC5201	Advanced Quantum Mechanics	L1	Monday (12.00.00 PM - 02.00.00 PM), Thursday (12.00.00 PM - 02.00.00 PM)
Faculty of Science	Physics	PC5209	Accelerator Based Materials Characterisation	L1	Monday (10.00.00 AM - 12.00.00 PM), Friday (10.00.00 AM - 12.00.00 PM)
Faculty of Science	Physics	PC5228	Quantum Information and Computation	L1	Tuesday (12.00.00 PM - 02.00.00 PM), Friday (12.00.00 PM - 02.00.00 PM)
NUS Business School	Accounting	BAA6001C	Foundation of Empirical Research in Accounting	S01	Thursday (03.00.00 PM - 06.00.00 PM)
NUS Business School	Accounting	BAA6001D	Multidisciplinary Accounting and Sustainability	S01	Thursday (03.00.00 PM - 06.00.00 PM)
NUS Business School	Analytics and Operations	BDC6112	Stochastic Processes I	S01	Monday (03.00.00 PM - 06.00.00 PM)
NUS Business School	Finance	FIN6002	Banking and Household Finance	S01	Tuesday (12.00.00 PM - 03.00.00 PM)
NUS Business School	Management & Organisation	BMO6012A	Organizational Behavior Seminar: Interpersonal Relations	S01	Thursday (12.00.00 PM - 03.00.00 PM)
NUS Business School	Marketing	BZD6013	Psychological Theories in Consumer Research	S01	Monday (03.00.00 PM - 06.00.00 PM)
School of Computing	Info Systems and Analytics	IS5005	Digital Engagement	L1	Wednesday (06.30.00 PM - 08.30.00 PM)
School of Computing	Info Systems and Analytics	IS5007	Strategising for Global IT-enabled Business Success	L1	Thursday (06.30.00 PM - 08.30.00 PM)
School of Computing	Info Systems and Analytics	IS6002	Quantitative Methods for IS Research	L1	Monday (03.00.00 PM - 06.00.00 PM)
SSH School of Public Health	SSH School of Public Health DO	SPH5406	Contemporary Global Health Issues	L1	Monday (02.00.00 PM - 05.00.00 PM)
SSH School of Public Health	SSH School of Public Health DO	SPH5408	Public Health and Ageing	L1	Monday (06.00.00 PM - 09.00.00 PM)
SSH School of Public Health	SSH School of Public Health DO	SPH5409	Qualitative Methods in Public Health	L1	Wednesday (02.00.00 PM - 05.00.00 PM)
SSH School of Public Health	SSH School of Public Health DO	SPH5415	Healthcare Operations & Performance	L1	Friday (06.00.00 PM - 09.00.00 PM)
SSH School of Public Health	SSH School of Public Health DO	SPH5416	Introduction to Integrated Care	L1	Friday (06.00.00 PM - 09.00.00 PM)
SSH School of Public Health	SSH School of Public Health DO	SPH5417	Fundamentals of Population Health	L1	Monday (06.00.00 PM - 09.00.00 PM)
SSH School of Public Health	SSH School of Public Health DO	SPH5420	Evidence Synthesis for HTA	L1	Friday (06.00.00 PM - 09.00.00 PM)
Yong Loo Lin School (Medicine)	Alice Lee Ctr for Nursing Stud	NUR6004	Systematic Review and Meta-Analysis	L1	Thursday (02.00.00 PM - 04.00.00 PM)