

Lifelong Learning Initiative for NUS Alumni: List of Modules offered for Sem. 2, AY2017/18

Faculty / School	Module Code	Module Title	Entry Pre-requisite(s)	Offered in Sem 2 AY2017/18	Class Schedule (What Day?)	Class Session (AM / PM / EVE)	Can be done on AUDIT basis?	Is there a Final Exam? (Yes/ No)	Remarks
Faculty of Engineering	CN5111	Optimization Of Chemical Processes	BEng (Chem Eng)	Sem 2	Wed	EVE	Yes	No	
Faculty of Engineering	CN5173	Downstream Processing Of Biochemical and Pharmaceutical Products	BEng (Chem Eng)	Sem 2	Thu	EVE	Yes	Yes	
Faculty of Engineering	SH5109	Biostatistics and Epidemiology	BEng in Engineering, Science, Technology or Biological Science	Sem 2	Sat	EVE	Yes	Yes	
Faculty of Engineering	SH5003	Fundamentals In Environmental Protection	BEng in Engineering, Science, Technology or Biological Science	Sem 2	Tue	EVE	Yes	No	
Faculty of Engineering	MT5913	Techlaunch - Experiential Entrepreneurship	A bachelor degree in STEM	Sem 1 and 2	Mon	EVE	Yes	No	
Faculty of Engineering	MT5911	Venture Funding	A bachelor degree in STEM	Sem 2	Wed	EVE	Yes	No	
Faculty of Engineering	IE5121	Quality Planning and Management	Bachelor of Engineering	Sem 2	Fri	EVE	Yes	Yes	
Faculty of Engineering	MST5002	Materials Characterization	Bachelor of Engineering	Sem 2	Thu	EVE	Yes	Yes	
Faculty of Engineering	BN5201	Advanced Biomaterials	Bachelor of Engineering (Materials Science), Bachelor of Engineering (Biomedical), Bachelor of Engineering (Bioengineering)	Sem 2	Mon	AM	Yes	Yes	
Faculty of Engineering	BN5209	Neurosensors and Signal Processing	Bachelor of Engineering (Electrical), Bachelor of Engineering (Biomedical), Bachelor of Engineering (Bioengineering)	Sem 2	Tue	PM	Yes	No	
Faculty of Engineering	BN5210	Biosensors & Biochips	Bachelor of Engineering (Biomedical), Bachelor of Engineering (Bioengineering), Bachelor of Engineering (Chemical), Bachelor of Engineering (Material Science), Bachelor of Science (Chemistry), Bachelor of Science (Life Sciences),	Sem 2	Wed	PM	Yes	Yes	

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			Bachelor of Science (Pharmacy)						
Faculty of Engineering	EE5132	Wireless and Sensor Networks	Minimum a bachelor degree in Electrical/ Computer Engineering or Computer Science or equivalent. Knowledge in basic networking topics	Sem 2	Wed	EVE	Yes	Yes	
Faculty of Engineering	EE5434	CMOS Processes and Integration	Minimum a bachelor degree in Electrical/ Computer Engineering or equivalent. Basic knowledge in microelectronics and semiconductor devices.	Sem 1 and 2	(S1) Mon (S2) Thu	EVE	Yes	Yes	
Faculty of Engineering	EE5903	Real-Time Systems	Minimum a bachelor degree in Electrical/Computer Engineering/ Computer Science or equivalent. Programming knowledge and skill.	Sem 2	Tue	EVE	Yes	Yes	
Faculty of Engineering	ESE4401	Water & Wastewater Engineering 2	Bachelor of Engineering (Environmental Science and Engineering), Bachelor of Engineering (Chemical Engineering)	Sem 2	Wed	EVE	Yes	Yes	
Faculty of Engineering	ESE5003	Environmental Chemical Principles	Bachelor of Engineering (Environmental Science and Engineering), Bachelor of Engineering (Chemical Engineering)	Sem 2	Fri	EVE	Yes	Yes	
Faculty of Engineering	CE5308	Coastal Engineering & Sediment Transport	Bachelor of Engineering (Civil Engineering), Bachelor of Engineering (Mechanical Engineering), Bachelor of Engineering (Environmental Science and Engineering)	Sem 2	Fri	EVE	Yes	Yes	
NUS School of Business	TR2201	Entrepreneurial Marketing	Possess basic understanding of principles of marketing	Sem 1 and 2	TBA	TBA	Yes	Yes	
NUS School of Business	MKT4413	Pricing Models and Strategy	Possess basic understanding of principles of marketing	Sem 1 and 2	TBA	TBA	Yes	No	
NUS School of Business	BSP3001A	Strategic Management	Should have relevant Business background	Sem 1 and 2	TBA	TBA	Yes	No	

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NUS School of Business	BSP3001B	Strategic Management	Should have relevant Business background	Sem 1 and 2	TBA	TBA	Yes	No	
NUS School of Business	BSP1702X	Legal Environment Of Business	Nil	Sem 1 and 2	TBA	TBA	Yes	No	
NUS School of Business	ACC1701X	Financial Accounting	Nil	Sem 1 and 2	TBA	TBA	Yes	Yes	
NUS School of Business	ACC3605	Taxation	Should have read ACC1002 / ACC1002X / ACC1701 / ACC1701X or equivalent	Sem 1 and 2	TBA	TBA	Yes	No	
NUS School of Business	ACC2706	Managerial Accounting	Should have read ACC1002 / ACC1002X / ACC1701 / ACC1701X or equivalent	Sem 1 and 2	TBA	TBA	Yes	Yes	
NUS School of Business	ACC2706	Managerial Accounting	Should have read ACC1002 / ACC1002X / ACC1701 / ACC1701X or equivalent	Sem 1 and 2	TBA	TBA	Yes	Yes	
NUS School of Business	ACC2706	Managerial Accounting	Should have read ACC1002 / ACC1002X / ACC1701 / ACC1701X or equivalent	Sem 1 and 2	TBA	TBA	Yes	Yes	
NUS School of Business	ACC2706	Managerial Accounting	Should have read ACC1002 / ACC1002X / ACC1701 / ACC1701X or equivalent	Sem 1 and 2	TBA	TBA	Yes	Yes	
NUS School of Business	FIN2004X	Finance	Should have read ACC1002 / ACC1002X / ACC1701 / ACC1701X or equivalent	Sem 1 and 2	TBA	TBA	Yes	Yes	
NUS School of Business	FIN3118	Financial Risk Management	Should have Finance background	Sem 1 and 2	TBA	TBA	Yes	No	
NUS School of Business	FIN4113	Personal Wealth Management	Should have Finance background	Sem 1 and 2	TBA	TBA	Yes	No	
NUS School of Business	DSC1704X	Decision Analytics Using Spreadsheets	Nil	Sem 1 and 2	TBA	TBA	Yes	Yes	

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NUS School of Business	DSC4217	Business Analytics With R	Should have relevant background	Sem 2	TBA	TBA	Yes	No	
NUS School of Business	MKT2413	Marketing Research	Possess basic understanding of principles of marketing	Sem 2	TBA	TBA	Yes	No	
NUS School of Business	MNO3332	Leading Groups And Teams	Should have read MNO1001 / MNO1001X / MNO1706 / MNO1706X or equivalent	Sem 2	TBA	TBA	Yes	No	
NUS School of Business	MNO4313D	Corporate Entrepreneurship	Should have read MNO1001 / MNO1001X / MNO1706 / MNO1706X or equivalent	Sem 2	TBA	TBA	Yes	No	
School of Design and Environment	PM5101	Project Management	Nil	Sem 2	Fri	EVE	No	Yes	
SCALE	TCN1422	Materials For Chemical Engineers	Bachelor of Technology (Chemical Engineering)	Sem 2	Friday	EVE	Yes	Yes	
SCALE	TEE2003	Advanced Mathematics For Engineers	Bachelor of Technology (Electronics Engineering)	Sem 2	Monday	EVE	Yes	Yes	
SCALE	TEE4210	Computer Communications Networks li	Bachelor of Technology (Electronics Engineering)	Sem 2	Monday	EVE	Yes	Yes	
SCALE	TIE4230	Quality Engineering li	Bachelor of Technology (Industrial & Management Engineering)	Sem 2	Tuesday	EVE	Yes	Yes	
SCALE	TME3251	Materials For Engineers	Bachelor of Technology (Mechanical Engineering)	Sem 2	Tuesday	EVE	Yes	Yes	
SCALE	TME4262	Automation In Manufacturing	Bachelor of Technology (Mechanical Engineering)	Sem 2	Tuesday	EVE	Yes	Yes	
SCALE	TEE2002	Engineering Mathematics II	Bachelor of Technology (Electronics Engineering)	Sem 2	Wednesday	EVE	Yes	Yes	
SCALE	TEE3104	Intro To RF And Microwave Sys & Circuits	Bachelor of Technology (Electronics Engineering)	Sem 2	Tuesday	EVE	Yes	Yes	

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SCALE	TEE3501	Power Electronics	Bachelor of Technology (Electronics Engineering)	Sem 2	Friday	EVE	Yes	Yes	
SCALE	TEE4112	High Frequency (Hf) Techniques	Bachelor of Technology (Electronics Engineering)	Sem 2	Thursday	EVE	Yes	Yes	
SCALE	TIE4220	Supply Chain Modelling	Bachelor of Technology (Industrial & Management Engineering)	Sem 2	Wednesday	EVE	Yes	Yes	
SCALE	TME3241	Microprocessor Applications	Bachelor of Technology (Mechanical Engineering)	Sem 2	Friday	EVE	Yes	Yes	
Faculty of Science	LSM4227	Stem Cell Biology	Bachelor of Science (Major in Life Sciences)	Sem 1 and 2	Tue, Fri	PM	Yes	Yes	
Faculty of Science	BL5218	Directed Studies In Behavioural Ecology	Bachelor of Science (Major in Life Sciences)	Sem 2	Wed, Fri	AM	Yes	No	
Faculty of Science	BL5233	Modeling In Environmental Biology With R	Bachelor of Science (Major in Life Sciences)	Sem 2	Tue	AM	Yes	Yes	
Faculty of Science	CM5244	Topics In Environmental Chemistry	Bachelor of Science (Major in Chemistry) or Bachelor of Applied Science (Major in Applied Chemistry)	Sem 2	Wed	EVE	Yes	Yes	
Faculty of Science	CM5245	Bioanalytical Chemistry	Bachelor of Science (Major in Chemistry) or Bachelor of Applied Science (Major in Applied Chemistry)	Sem 2	Fri	EVE	Yes	No	
Faculty of Science	FST5204	Evidence-Based Functional Foods	Bachelor of Science (Major in Food Science Technology) or Bachelor of Applied Science (Major in Food Science Technology)	Sem 2	NA	NA	Yes	Yes	
Faculty of Science	PR4201	Pharmaceutical Marketing	BSc (Pharmacy)	Sem 2	Tue, Fri	PM	Yes	Yes	
Faculty of Science	PR4207	Applied Pharmacokinetics And Toxicokinetics	BSc(Pharmacy)	Sem 2	Tue, Fri	AM	Yes	Yes	

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Faculty of Science	PC4253	Thin Film Technology	Bachelor of Science (Major in Physics or Applied Physics)	Sem 2	Tue, Fri	PM	Yes	Yes	
Faculty of Science	PC4262	Remote Sensing	Bachelor of Science (Major in Physics or Applied Physics)	Sem 2	Tue, Fri	PM	Yes	Yes	
Faculty of Science	PC4264	Advanced Solid State Devices	Bachelor of Science (Major in Physics or Applied Physics), preferably have taken PC3241	Sem 2	Tue, Fri	PM	Yes	Yes	
Faculty of Science	ST5202	Applied Regression Analysis	Bachelor of Science (major in Statistics)	Sem 2	Mon	EVE	Yes	Yes	
Faculty of Science	MA5232	Modelling And Numerical Simulations	Bachelor of Science (Major in Mathematics or Applied Mathematics)	Sem 2	Tue, Fri	AM	Yes	Yes	
Faculty of Science	MA3259	Mathematical Methods in Genomics	Bachelor of Science (Major in Mathematics or Applied Mathematics)	Sem 2	Mon, Thurs	AM	Yes	Yes	
Faculty of Science	MA4261	Coding and Cryptography	Bachelor of Science (Major in Mathematics or Applied Mathematics)	Sem 2	Wed	EVE	Yes	Yes	
Faculty of Science	MA4270	Data Modelling And Computation	Bachelor of Science (Major in Mathematics or Applied Mathematics)	Sem 2	Wed	EVE	Yes	No	
Faculty of Arts and Social Sciences	CH5224	Prescribed Texts In Literature	An NUS Honours degree (Second Class and above) or equivalent (e.g., a four-year Bachelors degree with at least an average grade of B or equivalent) in the subject or related field; or; A good Bachelors degree (at least an average grade of B or equivalent) in the subject or related field and successful completion of a placement test; or exceptionally.	Sem 2	TBA	TBA	Yes	No	
School of Computing	CS4215	Programming Language Implementation	Bachelor degree relating to computing	Sem 2	TBA	TBA	Yes	Yes	

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School of Computing	CS4220	Knowledge Discovery Methods In Bioinformatics	Bachelor degree relating to computing	Sem 2	TBA	TBA	Yes	Yes	
School of Computing	CS4221	Database Applications Design And Tuning	Bachelor degree relating to computing	Sem 2	TBA	EVE	Yes	No	
School of Computing	CS4225	Massive Data Processing Techniques In Data Science	Bachelor degree relating to computing	Sem 2	TBA	TBA	Yes	No	
School of Computing	CS4242	Social Media Computing	Bachelor degree relating to computing	Sem 2	TBA	EVE	Yes	Yes	
School of Computing	CS5250	Advanced Operating Systems	Bachelor degree relating to computing	Sem 2	TBA	EVE	Yes	Yes	
School of Computing	IS4100	IT Project Management	Bachelor degree relating to computing	Sem 1 and 2	TBA	TBA	Yes	No	
School of Computing	IS5111	Integration Of IS And Business	Bachelor degree relating to computing	Sem 2	TBA	EVE	Yes	Yes	
School of Computing	IS5116	IT and Entrepreneurship	Bachelor degree relating to computing	Sem 2	TBA	EVE	Yes	No	
School of Computing	IS5120	Information Technology Policies	Bachelor degree relating to computing	Sem 2	TBA	EVE	Yes	Yes	
School of Computing	IS5128	Organising for IT Innovation	Bachelor degree relating to computing	Sem 2	TBA	EVE	Yes	Yes	