Modules offered for Non-Graduating Students
For Semester 1 of AY2019/2020 (August 2019 intake)

Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Arts and Social Sciences	AH2101	Introduction to Art History
Arts and Social Sciences	AH2201	Chinese Painting: Styles and Masters
Arts and Social Sciences	AH2202	Modern Art: A Critical Introduction
Arts and Social Sciences	AH3204	Methods and Approaches to Art History
Arts and Social Sciences	EC1301	Principles of Economics
Arts and Social Sciences	EC2101	Microeconomic Analysis I
Arts and Social Sciences	EC2102	Macroeconomic Analysis I
Arts and Social Sciences	EC2104	Quantitative Methods for Economic Analysis
Arts and Social Sciences	EC2204	Financial Accounting for Economists
Arts and Social Sciences	EC2303	Foundations for Econometrics
Arts and Social Sciences	EC2374	Economy of Modern China I
Arts and Social Sciences	EC3101	Microeconomic Analysis II
Arts and Social Sciences	EC3102	Macroeconomic Analysis II
Arts and Social Sciences	EC3303	Econometrics I
Arts and Social Sciences	EC3314	Mathematical Economics
Arts and Social Sciences	EC3322	Industrial Organisation I
Arts and Social Sciences	EC3332	Money and Banking I
Arts and Social Sciences	EC3333	Financial Economics I
Arts and Social Sciences	EC3342	International Trade I
Arts and Social Sciences	EC3343	International Finance I
Arts and Social Sciences	EC3351	Public Finance
Arts and Social Sciences	EC3373	Asean Economies
Arts and Social Sciences	EL1101E	The Nature of Language
Arts and Social Sciences	EL2102	Sound Patterns in Language
Arts and Social Sciences	EL2151	Social Variation in English
Arts and Social Sciences	EL3203	Semantics and Pragmatics
Arts and Social Sciences	EL3210	Topics in the Psychology of Language
Arts and Social Sciences	EL3222	Cinematic Discourse and Language

Notes:
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Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Arts and Social Sciences	EL3258	The Sociolinguistics of Humour: Jokes and Comedies
Arts and Social Sciences	EN1101E	An Introduction to Literary Studies
Arts and Social Sciences	EN2207	Gender and Sexuality in Literature
Arts and Social Sciences	EN3224	The Twentieth Century
Arts and Social Sciences	EN3242	History of Film
Arts and Social Sciences	EN3263	Singapore Literature in Context
Arts and Social Sciences	EN3880B	Reader-Responsibility
Arts and Social Sciences	EU1101E	Making of Modern Europe
Arts and Social Sciences	GE1101E	Geographical Journeys: Exploring World Environments
Arts and Social Sciences	GE2206	Geographies of Life and Death
Arts and Social Sciences	GE2215	Introduction to GIS
Arts and Social Sciences	GE2218	Leisure, Recreation and Tourism
Arts and Social Sciences	GE2222	Politics and Space
Arts and Social Sciences	GE2227	Cartography and Visualisation
Arts and Social Sciences	GE2228	Weather and Climate
Arts and Social Sciences	GE2230	Energy Futures: Environment and Sustainability
Arts and Social Sciences	GE2231	Introduction to Social and Cultural Geographies
Arts and Social Sciences	GE3210	Natural Resources: Policy and Practice
Arts and Social Sciences	GE3219	Globalisation and the Asian Cities
Arts and Social Sciences	GE3231	Natural Hazards
Arts and Social Sciences	GE3241	Geographies of Social Life
Arts and Social Sciences	GE3246	Environmental Pollution
Arts and Social Sciences	GEH1001	Globalisation and New Media
Arts and Social Sciences	GEH1002	Economic Issues in Dev World
Arts and Social Sciences	GEH1004	Chinese Heritage: Hist & Lit
Arts and Social Sciences	GEH1008	Nations & Nat'lisms in S Asia
Arts and Social Sciences	GEH1009	Framing Bollywood: Unpacking The Magic
Arts and Social Sciences	GEH1013	Pirates, Oceans and the Maritime World
Arts and Social Sciences	GEH1015	Cultural Borrowing: Japan and China

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Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Arts and Social Sciences	GEH1051	Narrative
Arts and Social Sciences	GEH1053	Film Art and Human Concerns
Arts and Social Sciences	GEH1054	Names as Markers of Socio-cultural Identity
Arts and Social Sciences	GEH1059	Living in the Nuclear World
Arts and Social Sciences	GEH1061	Representation and Media
Arts and Social Sciences	GEH1062	Ghosts and Spirits in Society and Culture
Arts and Social Sciences	GEH1065	Art in Society
Arts and Social Sciences	GEH1069	Art in Asia: Through Media, Style, Space and Time
Arts and Social Sciences	GEH1074	Luck
Arts and Social Sciences	GEH1075	Life, Disrupted: The Sharing Revolution
Arts and Social Sciences	GES1002	Global EC Dimensions of S'pore
Arts and Social Sciences	GES1003	Changing Landscapes of Singapore
Arts and Social Sciences	GES1007	South Asia in Singapore
Arts and Social Sciences	GES1008	Ethnicity and Nation-Building: Singapore and Malaysia
Arts and Social Sciences	GES1010	Nation-Building in Singapore
Arts and Social Sciences	GES1011	The Evolution of a Global City-State
Arts and Social Sciences	GES1012	Popular Culture in Singapore
Arts and Social Sciences	GES1028	Singapore Society
Arts and Social Sciences	GES1029	Singapore Film: Performance of Identity
Arts and Social Sciences	GES1031	Culture and Communication in Singapore
Arts and Social Sciences	GES1033	Who moved my OB markers?
Arts and Social Sciences	GES1034	We the Citizens - Understanding Singapore's Politics
Arts and Social Sciences	GES1039	Cultural Performances and Practices in Singapore
Arts and Social Sciences	GES1041	Everyday Ethics in Singapore
Arts and Social Sciences	GET1008	Public Speaking and Critical Reasoning
Arts and Social Sciences	GET1023	Thinking Like An Economist
Arts and Social Sciences	GET1025	Science Fiction and Philosophy
Arts and Social Sciences	GET1026	Effective Reasoning
Arts and Social Sciences	GET1028	Logic

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Updated as at 27 March 2019

Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Arts and Social Sciences	GET1029	Life, the Universe, and Everything
Arts and Social Sciences	GET1032	Building Relationship : Theories and Practice
Arts and Social Sciences	GET1035	Critical Perspectives in Advertising
Arts and Social Sciences	GET1037	Big Picture History
Arts and Social Sciences	GL1101E	Global Issues
Arts and Social Sciences	GL2102	Global Political Economy
Arts and Social Sciences	GL2103	Global Governance
Arts and Social Sciences	HY1101E	Asia and the Modern World
Arts and Social Sciences	HY2207	Struggle for Modern China, 1800-1949
Arts and Social Sciences	HY2208	Pre-Modern Japan: History and Culture
Arts and Social Sciences	HY2237	The U.S.: From Settlement to Superpower
Arts and Social Sciences	HY2245	Empires, Colonies and Imperialism
Arts and Social Sciences	HY2252	Introduction to Business History
Arts and Social Sciences	HY2253	Christianity in World History
Arts and Social Sciences	HY3217	The Making of Colonial Indochina
Arts and Social Sciences	HY3226	Memory, Heritage & History
Arts and Social Sciences	HY3242	Modern Imperialism
Arts and Social Sciences	HY3245	Engendering History/Historicising Gender
Arts and Social Sciences	HY3257	The Philippines: A Social and Cultural History
Arts and Social Sciences	JS1101E	Introduction to Japanese Studies
Arts and Social Sciences	JS2212	Introduction to Japanese Literature
Arts and Social Sciences	JS2225	Marketing and Consumer Culture in Japan
Arts and Social Sciences	JS2228	Gender and Sexuality in Japan
Arts and Social Sciences	JS3216	Japanese Film and Literature
Arts and Social Sciences	JS3223	Japan and the Asia-Pacific Region
Arts and Social Sciences	LAB1201	Bahasa Indonesia 1
Arts and Social Sciences	LAB2201	Bahasa Indonesia 2
Arts and Social Sciences	LAB3201	Bahasa Indonesia 3
Arts and Social Sciences	LAB3202	Bahasa Indonesia 4

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Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Arts and Social Sciences	LAB4201	Bahasa Indonesia 5
Arts and Social Sciences	LAC1201	Chinese 1
Arts and Social Sciences	LAC2201	Chinese 2
Arts and Social Sciences	LAC2202	Chinese Characters Writing & Composition
Arts and Social Sciences	LAC3201	Chinese 3
Arts and Social Sciences	LAC3202	Chinese 4
Arts and Social Sciences	LAC3203	Chinese for Science and Technology
Arts and Social Sciences	LAC4201	Chinese 5
Arts and Social Sciences	LAF1201	French 1
Arts and Social Sciences	LAF2201	French 2
Arts and Social Sciences	LAF4202	French 6
Arts and Social Sciences	LAG1201	German 1
Arts and Social Sciences	LAG2201	German 2
Arts and Social Sciences	LAG3201	German 3
Arts and Social Sciences	LAG4201	German 5
Arts and Social Sciences	LAH1201	Hindi 1
Arts and Social Sciences	LAH2201	Hindi 2
Arts and Social Sciences	LAH3201	Hindi 3
Arts and Social Sciences	LAH3202	Hindi 4
Arts and Social Sciences	LAH4201	Hindi 5
Arts and Social Sciences	LAJ1201	Japanese 1
Arts and Social Sciences	LAJ2201	Japanese 2
Arts and Social Sciences	LAJ2202	Japanese 3
Arts and Social Sciences	LAJ2203	Japanese 4
Arts and Social Sciences	LAJ3201	Japanese 5
Arts and Social Sciences	LAJ3202	Japanese 6
Arts and Social Sciences	LAJ4205	Expository Writing & Public Speaking
Arts and Social Sciences	LAK1201	Korean 1
Arts and Social Sciences	LAL1201	Tamil 1
Arts and Social Sciences	LAL2201	Tamil 2
Arts and Social Sciences	LAM1201	Malay 1

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Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Arts and Social Sciences	LAM2201	Malay 2
Arts and Social Sciences	LAM3201	Malay 3
Arts and Social Sciences	LAM3202	Malay 4
Arts and Social Sciences	LAM4201	Malay 5
Arts and Social Sciences	LAR1201	Arabic 1
Arts and Social Sciences	LAR2201	Arabic 2
Arts and Social Sciences	LAR3201	Arabic 3
Arts and Social Sciences	LAR4201	Arabic 5
Arts and Social Sciences	LAS1201	Spanish 1
Arts and Social Sciences	LAS2201	Spanish 2
Arts and Social Sciences	LAS3201	Spanish 3
Arts and Social Sciences	LAS4201	Spanish 5
Arts and Social Sciences	LAT1201	Thai 1
Arts and Social Sciences	LAT2201	Thai 2
Arts and Social Sciences	LAT3201	Thai 3
Arts and Social Sciences	LAT3202	Thai 4
Arts and Social Sciences	LAT4201	Thai 5
Arts and Social Sciences	LAV1201	Vietnamese 1
Arts and Social Sciences	LAV2201	Vietnamese 2
Arts and Social Sciences	LAV3201	Vietnamese 3
Arts and Social Sciences	MS1102E	Malays - Tradition, Conflict and Change
Arts and Social Sciences	MS2212	Law and Malay Society
Arts and Social Sciences	MS2213	Malay Families and Households
Arts and Social Sciences	MS3218	The Religious Life of the Malays
Arts and Social Sciences	MS5101	SOCIAL SCIENCE AND MALAY STUDIES
Arts and Social Sciences	MS6201	Literature and Art in Malay Society
Arts and Social Sciences	NM1101E	Communications, New Media and Society
Arts and Social Sciences	NM2201	Intercultural Communication
Arts and Social Sciences	NM2213	Introduction to Human-Computer Interaction Design
Arts and Social Sciences	NM2219	Principles of Communication Management

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Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Arts and Social Sciences	NM2220	Introduction to Media Writing
Arts and Social Sciences	NM2303	Fake News, Lies and Spin: How to Sift Fact from Fiction
Arts and Social Sciences	NM3217	Design for Strategic Communications
Arts and Social Sciences	NM3239	Retrieving, Exploring and Analysing Data
Arts and Social Sciences	PE3101P	Decision Theory and Social Choice
Arts and Social Sciences	PH2206	Founders of Modern Philosophy
Arts and Social Sciences	PH2211	Philosophy of Religion
Arts and Social Sciences	PH2222	Greek Philosophy (Socrates and Plato)
Arts and Social Sciences	PH2243	Epistemology
Arts and Social Sciences	PH2241	Philosophy of Mind
Arts and Social Sciences	PH2224	Philosophy and Film
Arts and Social Sciences	PH3203	Moral Philosophy
Arts and Social Sciences	PH3246	Paradoxes
Arts and Social Sciences	PH3206	Recent Philosophy
Arts and Social Sciences	PL1101E	Introduction to Psychology
Arts and Social Sciences	PL3232	Biological Psychology
Arts and Social Sciences	PL3233	Cognitive Psychology
Arts and Social Sciences	PL3234	Developmental Psychology
Arts and Social Sciences	PL3235	Social Psychology
Arts and Social Sciences	PL3236	Abnormal Psychology
Arts and Social Sciences	PL3239	Industrial and Organisational Psychology
Arts and Social Sciences	PL3240	Group Dynamics
Arts and Social Sciences	PL3244	Adolescent Psychology
Arts and Social Sciences	PL3252	Social-Cognitive Perspectives on Emotion
Arts and Social Sciences	PS1101E	Introduction to Politics
Arts and Social Sciences	PS2237	Introduction to International Relations
Arts and Social Sciences	PS2240	Introduction to Public Administration
Arts and Social Sciences	PS2248	Chinese Politics
Arts and Social Sciences	PS2249	Government and Politics of Singapore
Arts and Social Sciences	PS2251	The Region in the Postcolonial World

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Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Arts and Social Sciences	PS2255	Politics of the Middle East
Arts and Social Sciences	PS2258	Introduction to Political Theory
Arts and Social Sciences	PS3236	Ethnicity and Religion in Asian Politics
Arts and Social Sciences	PS3238	International Political Economy
Arts and Social Sciences	PS3242	US Foreign Policy
Arts and Social Sciences	PS3257	Political Inquiry
Arts and Social Sciences	PS3263	Comparative Study of Development
Arts and Social Sciences	PS3267	German Political Thought
Arts and Social Sciences	PS3274	Environmental Politics
Arts and Social Sciences	PS3311	International Ethics
Arts and Social Sciences	SC1101E	Making Sense of Society
Arts and Social Sciences	SC2101	Methods of Social Research
Arts and Social Sciences	SC2209	Money, Business and Social Networks
Arts and Social Sciences	SC2214	Media and Culture
Arts and Social Sciences	SC2215	The Sociology of Food
Arts and Social Sciences	SC2218	Anthropology and the Human Condition
Arts and Social Sciences	SC3101	Social Thought & Social Theory
Arts and Social Sciences	SC3203	Race and Ethnic Relations
Arts and Social Sciences	SC3204	Sociology of Education
Arts and Social Sciences	SC3207	Cultures of Kinship
Arts and Social Sciences	SC3228	Senses and Society
Arts and Social Sciences	SE1101E	Southeast Asia: A Changing Region
Arts and Social Sciences	SE2213	Politics in Southeast Asia
Arts and Social Sciences	SE2219	Culture and Power in Southeast Asia
Arts and Social Sciences	SE3211	Religion, Society & Politics in SE Asia
Arts and Social Sciences	SE3214	Heritage and Heritagescapes in Southeast Asia
Arts and Social Sciences	SE4210	Ancient Kingdoms of Southeast Asia
Arts and Social Sciences	SE4217	Southeast Asia in the Global Economy
Arts and Social Sciences	SE4225	THE COLD WAR IN SOUTHEAST ASIA
Arts and Social Sciences	SE5221	Landscapes of Southeast Asia

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Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Arts and Social Sciences	SE5222	THE ARTS IN CONTEMPORARY SOUTHEAST ASIA
Arts and Social Sciences	SE5243	COUNTRY STUDIES: INDONESIA
Arts and Social Sciences	SE5247	Country Studies: Vietnam
Arts and Social Sciences	SN1101E	South Asia : People, Culture, Develop'm
Arts and Social Sciences	SN2213	Governance and Politics in South Asia
Arts and Social Sciences	SN2261	The Emergence of Contemporary South Asia
Arts and Social Sciences	SN2275	Contemporary Tamil Literature
Arts and Social Sciences	SN2277	Indian Communities in Southeast Asia
Arts and Social Sciences	SN3223	International Relations of South Asia
Arts and Social Sciences	SN3274	South Asian Cinema
Arts and Social Sciences	SN3281	The Story of Indian Business
Arts and Social Sciences	SW1101E	Social Work: A Heart-Head-Hand Connection
Arts and Social Sciences	SW2104	Human Development over the Lifespan
Arts and Social Sciences	SW3101	Social Work Research Methods
Arts and Social Sciences	SW3207	Social Work in Medical Settings
Arts and Social Sciences	TS1101E	Introduction to Theatre and Performance
Arts and Social Sciences	TS2221	Global Theatres
Arts and Social Sciences	TS2233	Making Contemporary Performance
Arts and Social Sciences	TS2236	Crossing Boundaries in Performance
Arts and Social Sciences	TS2240	Voice Studies and Production
Arts and Social Sciences	TS2880A	Modern Drama in Asia
Arts and Social Sciences	TS3222	Applied Theatre
Arts and Social Sciences	TS3234	Performance and Popular Culture
Arts and Social Sciences	TS3238	Acting for the Screen
Arts and Social Sciences	TS3240	Theatre Criticism
Arts and Social Sciences	TS3246	Shakespeare and Asian Performances
Arts and Social Sciences	XD3103	Planet Earth
Business		Only nominated students from the NUS Business School's exchange partners are eligible to apply for Business modules. Refer to the list of Module Restrictions for more information.

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Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Computing	BT1101	Introduction to Business Analytics
Computing	BT2101	Decision Making Methods and Tools
Computing	BT2102	Data Management and Visualisation
Computing	BT3102	Computational Methods for Business Analytics
Computing	BT3103	Application Systems Development for Business Analytics
Computing	BT4212	Search Engine Optimization and Analytics
Computing	BT4221	Big Data Techniques and Technologies
Computing	BT4240	Machine Learning for Predictive Data Analytics
Computing	CS1010	Programming Methodology
Computing	CS1010E	Programming Methodology
Computing	CS1010J	Programming Methodology
Computing	CS1231	Discrete Structures
Computing	CS2030	Programming Methodology II
Computing	CS2040C	Data Structures and Algorithms
Computing	CS2100	Computer Organisation
Computing	CS2104	Programming Language Concepts
Computing	CS2105	Introduction to Computer Networks
Computing	CS2106	Introduction to Operating Systems
Computing	CS2107	Introduction to Information Security
Computing	CS2113	Software Engineering & Object-Oriented Programming
Computing	CS2220	Introduction to Computational Biology
Computing	CS3103	Computer Networks Practice
Computing	CS3210	Parallel Computing
Computing	CS3219	Software Engineering Principles and Patterns
Computing	CS3230	Design and Analysis of Algorithms
Computing	CS3235	Computer Security
Computing	CS3240	Interaction Design
Computing	CS3241	Computer Graphics

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Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Computing	CS4211	Formal Methods for Software Engineering
Computing	CS4212	Compiler Design
Computing	CS4223	Multi-core Architectures
Computing	CS4224	Distributed Databases
Computing	CS4226	Internet Architecture
Computing	CS4232	Theory of Computation
Computing	CS4234	Optimisation Algorithms
Computing	CS4236	Cryptography Theory and Practice
Computing	CS4239	Software Security
Computing	CS4243	Computer Vision and Pattern Recognition
Computing	CS4246	AI Planning and Decision Making
Computing	CS4248	Natural Language Processing
Computing	CS4249	Phenomena and Theories of Human-Computer Interaction
Computing	CS4261	Algorithmic Mechanism Design
Computing	CS4351	Real-Time Graphics
Computing	CS5219	Automated Software Validation
Computing	CS5229	Advanced Computer Networks
Computing	CS5231	Systems Security
Computing	CS5234	Combinatorial and Graph Algorithms
Computing	CS5236	Advanced Automata Theory
Computing	CS5239	Computer System Performance Analysis
Computing	CS5240	Theoretical Foundations in MultiMedia
Computing	CS5331	Web Security
Computing	CS6202	Advanced Topics in Programming Languages
Computing	CS6203	Advanced Topics in Database Systems
Computing	CS6231	Topics in System Security
Computing	CS6234	Advanced Algorithms
Computing	CS6285	Topics in Computer Science VI: Pseudorandomness

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Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Computing	CS6880	Advanced Topics in Software Engineering
Computing	IS1103	IS Innovations in Organisations and Society
Computing	IS2102	Enterprise Systems Architecture and Design
Computing	IS3150	Digital Media Marketing
Computing	IS3240	Digital Platform Strategy and Architecture
Computing	IS4100	IT Project Management
Computing	IS4204	IT Governance
Computing	IS4231	Information Security Management
Computing	IS4234	Quality Control and Audit of IS
Computing	IS5002	Digital Transformation
Computing	IS5003	Platform Design and Economy
Computing	IS5005	Digital Engagement
Computing	IS5006	Intelligent System Deployment
Computing	IS5117	Digital Government
Computing	IS6002	Quantitative Methods for IS Research
Computing	IS6004	Econometrics for IS Research
Design and Environment	AR2221	History and Theory of Southeast Asia Architecture
Design and Environment	AR2225	Reading Visual Images
Design and Environment	AR3101	Design 5
Design and Environment	AR3223	Introduction to Urbanism
Design and Environment	AR5321	Advanced Architectural Integration
Design and Environment	AR5601	Urban Design Theory and Praxis
Design and Environment	AR5801	Options Design Research Studio 1
Design and Environment	BPS5111	Integrated Building Design
Design and Environment	BPS5221	Microclimate Design
Design and Environment	BPS5223	Building Energy Performance - Passive Systems
Design and Environment	BPS5224	Building Energy Performance - Active Systems

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Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Design and Environment	BPS5229	Data Science for the Built Environment
Design and Environment	DEP5102	Urban Planning History & Theory
Design and Environment	GES1019	Managing Singapore's Built Environment
Design and Environment	ID1223	History & Theory Of Industrial Design
Design and Environment	ID2105	Design for Context and Sustainability
Design and Environment	ID2323	Technology for Design
Design and Environment	ID3105	Design Platforms 2
Design and Environment	ID3124	Creative Communication & Design Argumentation
Design and Environment	ID3125	Colours, Materials & Finishing
Design and Environment	LA4203	History and Theory of Landscape Architecture
Design and Environment	PF2205	Project Finance
Design and Environment	PF2502	Development Technology and Management
Design and Environment	PF3205	Advanced Measurement
Design and Environment	PF3206	Project Scheduling and Control
Design and Environment	PF3208	Project Leadership
Design and Environment	PF3209	Building Information Modelling
Design and Environment	PF3301	Maintainability of Facilities
Design and Environment	PF3302	Energy Management
Design and Environment	PF4202	Safety, Health and Environmental Mgt
Design and Environment	PF4211	Addictive Manufacturing for Construction
Design and Environment	PF4301	Strategic Facilities Management
Design and Environment	PF4307	Event Management
Design and Environment	RE1701	Urban Land Use and Development
Design and Environment	RE1702	Real Estate Data Analytics
Design and Environment	RE1703	Principles of Law for Real Estate
Design and Environment	RE2701	Urban Planning
Design and Environment	RE2702	Land Law
Design and Environment	RE2708	Computational Thinking and Programming for Real Estate
Design and Environment	RE3701	Real Estate Investment Analysis

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Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Design and Environment	RE3702	Property Tax and Statutory Valuation
Design and Environment	RE3802	Real Estate Finance Law
Design and Environment	RE3803	Strategic Asset Management
Design and Environment	RE3901	Advanced Urban Planning
Design and Environment	RE4204	Advanced Real Estate Marketing
Design and Environment	RE4211	REIT MANAGEMENT
Design and Environment	RE4212	REAL ESTATE SECURITIZATION
Design and Environment	RE4222	Public Policy and Real Estate Markets
Design and Environment	UD5221	Theory and Elements of Urban Design
Engineering	BN2201	Quantitative Physiology for Bioengineers
Engineering	BN2202	Introduction to Biotransport
Engineering	BN3202	Musculoskeletal Biomechanics
Engineering	BN4202	Biofluids Dynamics
Engineering	BN4301	Principles Of Tissue Engineering
Engineering	BN4406	Biophotonics And Bioimaging
Engineering	BN4501	Engineering Biology
Engineering	BN5104	QUANTITATIVE PHYSIOLOGY PRINCIPLES IN BIOENGINEERING
Engineering	BN5202	Advanced Tissue Biomechanics
Engineering	BN5205	COMPUTATIONAL BIOMECHANICS
Engineering	BN5207	MEDICAL IMAGING SYSTEMS
Engineering	BN5208	Biomedical Quality and Regulatory Systems
Engineering	CE2112	Soil Mechanics
Engineering	CE2134	Hydraulics
Engineering	CE2183	Construction Project Management
Engineering	CE2407	Engineering & Uncertainty Analyses
Engineering	CE3116	Foundation Engineering
Engineering	CE3121	Transportation Engineering
Engineering	CE3165	Structural Concrete Design
Engineering	CE3166	Structural Steel Design and System
Engineering	CE4257	Linear Finite Element Analysis

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Updated as at 27 March 2019

Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Engineering	CE5101	Seepage & Consolidation of Soils
Engineering	CE5104	Underground Space
Engineering	CE5108	Earth Retaining Structures
Engineering	CE5203	Traffic Flow & Control
Engineering	CE5205	Transportation Planning
Engineering	CE5310	HYDROINFORMATICS
Engineering	CE5312	River Mechanics
Engineering	CE5510	Advanced Structural Concrete Design
Engineering	CE5610	Assessment and Retrofit of Concrete Structures
Engineering	CE5806	Advanced Project Management with Lean Construction
Engineering	CN2116	Chemical Kinetics & Reactor Design
Engineering	CN2121	Chemical Engineering Thermodynamics
Engineering	CN2122	Fluid Mechanics
Engineering	CN2125	Heat & Mass Transfer
Engineering	CN3121	Process Dynamics & Control
Engineering	CN3132	Separation Processes
Engineering	CN3135	Process Safety, Health and Environment
Engineering	CN4203R	Polymer Engineering
Engineering	CN4205R	Pinch Analysis and Process Integration
Engineering	CN4211R	Petrochemicals and Processing Technology
Engineering	CN4215R	Food Technology and Engineering
Engineering	CN4216R	Electronic Materials Science
Engineering	CN4238R	Chemical & Biochemical Process Modeling
Engineering	CN4247R	Enzyme Technology
Engineering	CN5191	Project Engineering
Engineering	EE2023	Signals and Systems
Engineering	EE2026	Digital Design
Engineering	EE2027	Electronic Circuits
Engineering	EE2028	Microcontroller Programming and Interfacing

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Updated as at 27 March 2019

Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Engineering	EE3031	Innovation & Enterprise I
Engineering	EE3104C	Introduction to RF and Microwave Systems & Circuits
Engineering	EE3131C	Communication Systems
Engineering	EE3331C	Feedback Control Systems
Engineering	EE3408C	Integrated Analog Design
Engineering	EE3431C	Microelectronics Materials and Devices
Engineering	EE3731C	Signal Processing Methods
Engineering	EE4101	RF Communications
Engineering	EE4112	Radio Frequency Design and Systems
Engineering	EE4204	Computer Networks
Engineering	EE4218	Embedded Hardware System Design
Engineering	EE4303	Industrial Control Systems
Engineering	EE4305	Introduction To Fuzzy / Neural Systems
Engineering	EE4435	Modern Transistors and Memory Devices
Engineering	EE4436	Fabrication Process Technology
Engineering	EE4501	Power System Management And Protection
Engineering	EE4704	Introduction to Computer Vision and Image Processing
Engineering	EE5101	LINEAR SYSTEMS
Engineering	EE5103	Computer Control Systems
Engineering	EE5137	Stochastic Processes
Engineering	EE5139	Information Theory for Communication Systems
Engineering	EE5303	MICROWAVE ELECTRONICS
Engineering	EE5308	ANTENNA ENGINEERING
Engineering	EE5310	Communication Networking Fundamentals
Engineering	EE5401	Cellular Mobile Communications
Engineering	EE5434	Microelectronic Processes and Integration
Engineering	EE5439	Micro/Nano Electromechanical Systems
Engineering	EE5507	Analog Integrated Circuits Design

Updated as at 27 March 2019

Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Engineering	EE5508	SEMICONDUCTOR FUNDAMENTALS
Engineering	EE5702	ADVANCED POWER SYSTEM ANALYSIS
Engineering	EE5703	Industrial Drives
Engineering	EE5831	Electromagnetic Wave Theory
Engineering	EE5902	Multiprocessor Systems
Engineering	ESE2001	Environmental Processes
Engineering	ESE3101	Solid And Hazardous Waste Management
Engineering	ESE3201	Air Quality Management
Engineering	ESE3301	Environmental Microbiological Principles
Engineering	ESE3401	Water & Wastewater Engineering 1
Engineering	ESP2106	Principles of Continua
Engineering	ESP2107	Numerical Methods and Statistics
Engineering	ESP5403	Nanomaterials for Energy Systems
Engineering	IE2110	Operations Research I
Engineering	IE3101	Statistics For Engineering Applications
Engineering	IE3120	Manufacturing Logistics
Engineering	IE4221	Transportation Demand Modeling and Economics
Engineering	ME2112	Strength of Materials
Engineering	ME2134	Fluid Mechanics I
Engineering	ME2142	Feedback Control Systems
Engineering	ME2143	Sensors & Actuators
Engineering	ME2151	Principles of Mechanical Eng. Materials
Engineering	ME3122	Heat Transfer
Engineering	ME3162	Manufacturing Processes
Engineering	ME3211	Mechanics Of Solids
Engineering	ME3242	Automation
Engineering	ME3251	Materials For Engineers
Engineering	ME3261	Computer-Aided Design And Manufacturing
Engineering	ME3263	Design For Manufacturing And Assembly
Engineering	ME4223	Thermal Environmental Engineering

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Updated as at 27 March 2019

Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Engineering	ME4226	Energy and Thermal Systems
Engineering	ME4233	Computational Methods In Fluid Mechanics
Engineering	ME4241	Aircraft Performance and Stability
Engineering	ME4245	Robot Mechanics and Control
Engineering	ME4256	Functional Materials and Devices
Engineering	ME4291	Finite Element Analysis
Engineering	MLE2101	Introduction to Structure of Materials
Engineering	MLE2102	Thermodynamics and Phase Diagrams
Engineering	MLE2103	Phase Transformation and Kinetics
Engineering	MLE3102	Degradation and Failure of Materials
Engineering	MLE3104	Polymeric and Composite Materials
Engineering	MLE3105	Dielectric and Magnetic Materials
Engineering	MLE3203	Engineering Materials
Engineering	MLE4201	Advanced Materials Characterisation
Engineering	MLE4208	Photovoltaics Materials
Engineering	MT3001	Systems Thinking and Engineering
Engineering	MT4002	Technology Management Strategy
Engineering	OT5202	Analysis & Design of Fixed Offshore Structures
Engineering	OT5207	Arctic Offshore Engineering
Engineering	TP5025	Intelligent Transportation Systems
Law	LL4001	Administration Of Criminal Justice
Law	LL4002V	Admiralty Law & Practice
Law	LL4004	Aviation Law & Policy
Law	LL4008AV	Carriage of Goods By Sea
Law	LL4009V	Chinese Legal Tradition And Legal Chinese
Law	LL4021V	Environmental Law
Law	LL4029AV	International Commercial Arbitration

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Updated as at 27 March 2019

Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Law	LL4031V	International Environmental Law & Policy
Law	LL4034V	International Regulation of Shipping
Law	LL4050V	Public International Law
Law	LL4060B	World Trade Law
Law	LL4064V	Competition Law and Policy
Law	LL4069V	European Union Law
Law	LL4074V	Mergers & Acquisitions
Law	LL4076V	IT Law I
Law	LL4088	Chinese Contract Law
Law	LL4089V	Chinese Corporate & Securities Law
Law	LL4099	Maritime Law
Law	LL4102	ADVANCED TORTS
Law	LL4109V	International Law & Asia
Law	LL4164V	International Projects Law & Practice
Law	LL4172	Japanese Corporate Law & Governance
Law	LL4173V	Comparative Corporate Law
Law	LL4177	Entertainment Law: Pop Iconography & Celebrity
Law	LL4214	International and Comparative Oil and Gas Law
Law	LL4237V	Law, Institutions, and Business in Greater China
Law	LL4242V	Financial Regulation and Central Banking
Law	LL4244V	CRIMINAL PRACTICE
Law	LL4245V	Theoretical Foundations of Public Law
Law	LL4276	Advanced Contract Law
Law	LL4285V	International Dispute Settlement
Law	LL4286V	Transnational Terrorism and International Law
Law	LL4287V	ASEAN Law and Policy
Law	LL4317V	International Arbitration in Asian Centres
Law	LL4322V	Trade Finance Law

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Updated as at 27 March 2019

Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Law	LL4328	Sports Law
Law	LL4338V	Advanced Practicum in International Arbitration
Law	LL4339	Comparative Evidence in International Arbitration
Law	LL4346V	Interim Measures in International Arbitration
Law	LL4349V	Energy Arbitration
Law	LL4358Z	ICC Arbitration
Law	LL4359Z	SIAC and Institutional Arbitration
Law	LL4405A	LAW OF INTELLECTUAL PROPERTY (A)
Law	LL4407	Law Of Insurance
Public Health	GEH1049	Public Health in Action
Public Health	SPH2101	Public Health and Epidemiology
Public Health	SPH2102	Lifestyle, Behaviour and Public Health
Public Health	SPH2103	Systems and Policies to improve Health
Public Health	SPH2105	Introduction to Global Health
Public Health	SPH2106	Health in the Later Years
Public Health	SPH2107	Social Determinants of Health
Public Health	SPH3101	Biostatistics for Public Health
Public Health	SPH3103	Public Health Economics
Public Health	SPH3105	Prevention and Control of Non-Communicable Diseases
Public Policy	PP5150	Social Welfare in East Asia
Public Policy	PP5156	Moral Reasoning in the Policy Process
Public Policy	PP5180	Trade Policy and Global Value Chains
Public Policy	PP5191	Public Administration, Technology and Innovation
Public Policy	PP5196	Education Economics and Policy
Public Policy	PP5212	Financial Issues, Trade and Investment in Asia
Public Policy	PP5257	Urban Water Policy and Governance
Public Policy	PP5267	URBAN TRANSPORT POLICY: A GLOBAL VIEW

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Updated as at 27 March 2019

Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Public Policy	PP5269	Environmental Economics and Public Policy
Public Policy	PP5510	Governing Cities of Tomorrow
Public Policy	PP5511	Systemic and Integrated Policy Design and Analysis
Science	CM1111	Inorganic Chemistry 1
Science	CM1131	Physical Chemistry 1
Science	CM1417	Fundamentals of Chemistry
Science	CM2111	Inorganic Chemistry 2
Science	CM2121	Organic Chemistry 2
Science	CM3212	Transition Metal Chemistry
Science	CM3221	Organic Synthesis: The Disconnection Approach
Science	CM3231	Quantum Chem & Molecular Thermodynamics
Science	CM3242	Instrumental Analysis II
Science	CM3252	Polymer Chemistry 1
Science	CM3261	Environmental Chemistry
Science	CM4225	Organic Spectroscopy
Science	CM4227	Chemical Biology
Science	CM4242	Advanced Analytical Techniques
Science	CM4251	Characterization Techniques in Materials Chemistry
Science	CM4254	Chemistry of Semiconductors
Science	CM4269	Sustainable & Green Chemistry
Science	CM4274	The Art and Methodology in Total Synthesis
Science	CM5211	Contemporary Organometallic Chemistry
Science	CM5221	ADVANCED ORGANIC SYNTHESIS
Science	CM5224	Emerging Concepts in Drug Discovery
Science	CM5237	Advanced Optical Spectroscopy and Imaging
Science	CM5241	Modern Analytical Techniques
Science	CM5268	Advanced Organic Materials
Science	COS2000	Computational Thinking for Scientists

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Updated as at 27 March 2019

Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Science	DSA2101	Essential Data Analytics Tools: Data Visualisation
Science	DSA4211	High-Dimensional Statistical Analysis
Science	FST2102B	Chemistry of Food Components
Science	FST3101	Food Microbiology & Fermentation
Science	FST3103	Advanced Food Engineering
Science	FST3105	Food Product Development and Packaging
Science	FST3106	Sensory and Flavour Science
Science	FST3202	Nutrition and Disease Prevention
Science	FST4202	Nutritional Biochemistry
Science	FST5205	Frontier of Food Processing and Engineering
Science	FST5302	Food, Nutrition and Health
Science	GEH1032	Modern Technology in Medicine and Health
Science	GEH1034	Clean Energy and Storage
Science	GEH1035	Phy'cal Qns from Everyday Life
Science	GES1021	Natural Heritage of Singapore
Science	GET1020	Darwin and Evolution
Science	GET1042	Sky and Telescopes
Science	GET1043	Universe, Big Bang, and Unsolved Mysteries
Science	GET1048	Science: From Thinking to Narratives
Science	LSM1102	Molecular Genetics
Science	LSM1105	Evolutionary Biology
Science	LSM1106	Molecular Cell Biology
Science	LSM1307	Waste and Our Environment
Science	LSM2211	Metabolism and Regulation
Science	LSM2212	Human Anatomy
Science	LSM2231	General Physiology
Science	LSM2232	Genes, Genomes and Biomedical Implications
Science	LSM2233	Cell Biology

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Updated as at 27 March 2019

Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Science	LSM2241	Introductory Bioinformatics
Science	LSM2251	Ecology and Environment
Science	LSM2252	Biodiversity
Science	LSM3211	Fundamental Pharmacology
Science	LSM3212	Human Physiology: Cardiopulmonary System
Science	LSM3217	Human Ageing
Science	LSM3223	Immunology
Science	LSM3227	General Virology
Science	LSM3233	Developmental Biology
Science	LSM3234	Biological Imaging of Growth and Form
Science	LSM3235	Epigenetics in Human Health and Diseases
Science	LSM3244	Molecular Biotechnology
Science	LSM3245	RNA Biology and Technology
Science	LSM3246	Synthetic Biology
Science	LSM3252	Evolution and Comparative Genomics
Science	LSM3254	Ecology of Aquatic Environments
Science	LSM3258	Comparative Botany
Science	LSM3265	Entomology
Science	LSM3266	Avian Biology and Evolution
Science	LSM4211	Toxicology
Science	LSM4213	System Neurobiology
Science	LSM4214	Cancer Pharmacology
Science	LSM4221	Drug Discovery and Clinical Trials
Science	LSM4222	Advanced Immunology
Science	LSM4227	Stem Cell Biology
Science	LSM4232	Advanced Cell Biology
Science	LSM4242	Protein Engineering
Science	LSM4243	Tumour Biology
Science	LSM4245	Advanced Epigenetics and Chromatin Biology
Science	LSM4251	Plant Growth and Development

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Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Science	LSM4255	Methods in Mathematical Biology
Science	LSM4259	Evolutionary Genetics of Reproduction
Science	LSM4267	Animal Communications & Sensory Ecology
Science	MA1100	Fundamental Concepts of Mathematics
Science	MA1101R	Linear Algebra I
Science	MA1102R	Calculus
Science	MA1301	Introductory Mathematics
Science	MA1421	Basic Applied Mathematics for Sciences
Science	MA1505	Mathematics I
Science	MA1521	Calculus for Computing
Science	MA2101	Linear Algebra II
Science	MA2104	Multivariable Calculus
Science	MA2108	Mathematical Analysis I
Science	MA2202	Algebra I
Science	MA2213	Numerical Analysis I
Science	MA2214	Combinatorics and Graphs I
Science	MA2216	Probability
Science	MA2311	Techniques in Advanced Calculus
Science	MA3110	Mathematical Analysis II
Science	MA3111	Complex Analysis I
Science	MA3205	Set Theory
Science	MA3209	Mathematical Analysis III
Science	MA3218	Applied Algebra
Science	MA3220	Ordinary Differential Equations
Science	MA3236	Non-Linear Programming
Science	MA3238	Stochastic Processes I
Science	MA3264	Mathematical Modelling
Science	MA3265	Introduction to Number Theory
Science	MA3269	Mathematical Finance I
Science	MA4203	Galois Theory
Science	MA4230	Matrix Computation

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Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Science	MA4235	Topics in Graph Theory
Science	MA4247	Complex Analysis II
Science	MA4254	Discrete Optimization
Science	MA4262	Measure and Integration
Science	MA4269	Mathematical Finance II
Science	MA4270	Data Modelling and Computation
Science	MA5203	Graduate Algebra I
Science	MA5205	Graduate Analysis I
Science	MA5208	Algebraic Geometry
Science	MA5233	Computational Mathematics
Science	MA5243	Advanced Mathematical Programming
Science	MA5248	Stochastic Analysis in Mathematical Finance
Science	MA5252	Methods of Applied Mathematics
Science	MA5253	Riemann Surfaces
Science	MA5259	PROBABILITY THEORY I
Science	MA5268	Theory and algorithms for nonlinear optimization
Science	PC1141	Introduction to Classical Mechanics
Science	PC1142	Introduction to Thermodynamics and Optics
Science	PC1221	Fundamentals of Physics I
Science	PC1222	Fundamentals of Physics II
Science	PC1421	Physics for Life Sciences
Science	PC1431	Physics IE
Science	PC2131	Electricity & Magnetism I
Science	PC2132	Classical Mechanics
Science	PC2134	MATHEMATICAL MTDS IN PHYSICS I
Science	PC2193	Experimental Physics I
Science	PC2267	Biophysics I
Science	PC3130	Quantum Mechanics II
Science	PC3193	Experimental Physics II
Science	PC3231	Electricity & Magnetism II

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Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Science	PC3232	Nuclear & Particle Physics
Science	PC3235	Solid State Physics I
Science	PC3247	Modern Optics
Science	PC4230	Quantum Mechanics III
Science	PC4236	Computational Condensed Matter Physics
Science	PC4240	Solid State Physics II
Science	PC4246	Quantum Optics
Science	PC4248	General Relativity
Science	PC4249	Astrophysics II
Science	PC4267	Biophysics III
Science	PC5201	Advanced Quantum Mechanics
Science	PC5204	SPECIAL TOPICS IN PHYSICS
Science	PC5205	TOPICS IN SURFACE PHYSICS
Science	PC5209	Accelerator Based Materials Characterisation
Science	PC5215	NUMERICAL RECIPES WITH APPLICATIONS
Science	PC5216	Advanced Atomic & Molecular Physics
Science	PC5228	Quantum Information and Computation
Science	PR1301	Complementary Medicine and Health
Science	PR2202	Cosmetics & Perfumes
Science	QF4102	Financial Modelling and Computation
Science	QF5210	Financial Time Series: Theory and Computation
Science	ST1131	Introduction to Statistics
Science	ST1232	Statistics for Life Sciences
Science	ST2131	Probability
Science	ST2132	Mathematical Statistics
Science	ST2137	Computer Aided Data Analysis
Science	ST2334	Probability and Statistics
Science	ST3131	Regression Analysis
Science	ST3233	Applied Time Series Analysis

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Faculty/Schools/Programmes/Residential Colleges/Teaching Units	Module Code Notes	Module Title
Science	ST3236	Stochastic Processes I
Science	ST3240	Multivariate Statistical Analysis
Science	ST3242	Introduction to Survival Analysis
Science	ST3243	Statistical Methods in Epidemiology
Science	ST4231	Computer Intensive Statistical Methods
Science	ST4233	Linear Models
Science	ST4234	Bayesian Statistics
Science	ST4241	Design & Analysis of Clinical Trials

Modules offered for Non-Graduating Students

For Semester 2 of AY2019/2020 (January 2020 intake)

Please check back again at the end of August 2019.

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