

## Modules offered for Non-Graduating Students For Semester 2 of AY2018/2019 (January 2019 intake)

| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title                                     |
|--|--------------------------------------|--|
| Arts and Social Sciences                                       | AH2101                               | Introduction to Art History                      |
| Arts and Social Sciences                                       | AH2203                               | Empire and Art: India, Singapore, Malaya         |
| Arts and Social Sciences                                       | AH3201                               | A History of Contemporary Art                    |
| Arts and Social Sciences                                       | AH3202                               | Time Traveller: The Curatorial in Southeast Asia |
| Arts and Social Sciences                                       | CH2293                               | Introduction to Chinese Art (taught in English)  |
| 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                                       | EC3312                               | Game Theory & Applications to 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                                       | EC3343                               | International Finance I                          |
| Arts and Social Sciences                                       | EC3351                               | Public Finance                                   |
| Arts and Social Sciences                                       | EC3394                               | Economics and Psychology                         |
| Arts and Social Sciences                                       | EL1101E                              | The Nature of Language                           |
| Arts and Social Sciences                                       | EL2101                               | Structure of Sentences and Meanings              |
| Arts and Social Sciences                                       | EL2111                               | Historical Variation in English                  |
| Arts and Social Sciences                                       | EL3201                               | Syntax   |
| Arts and Social Sciences                                       | EL3208                               | Bilingualism                                     |
| Arts and Social Sciences                                       | EL3209                               | Language, Culture, and Mind                      |
| Arts and Social Sciences                                       | EL3210                               | Topics in the Psychology of Language             |

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|--|--------------------------------------|---|
| Arts and Social Sciences                                       | EL3211                               | Language in Contact                                 |
| Arts and Social Sciences                                       | EL3214                               | Language Documentation                              |
| Arts and Social Sciences                                       | EL3251                               | Language, Society and Identity                      |
| Arts and Social Sciences                                       | EN1101E                              | An Introduction to Literary Studies                 |
| Arts and Social Sciences                                       | EN2201                               | Backgrounds to Western Literature and Culture       |
| Arts and Social Sciences                                       | EN2203                               | Introduction to Film Studies                        |
| Arts and Social Sciences                                       | EN2276                               | Literature, Media and Theory                        |
| Arts and Social Sciences                                       | EN3221                               | The English Renaissance                             |
| Arts and Social Sciences                                       | EN3222                               | The Eighteenth Century                              |
| Arts and Social Sciences                                       | EN3227                               | Romanticism   |
| Arts and Social Sciences                                       | EN3231                               | American Literature I                               |
| Arts and Social Sciences                                       | EN3263                               | Singapore Literature in Context                     |
| Arts and Social Sciences                                       | EU1101E                              | Making of Modern Europe                             |
| Arts and Social Sciences                                       | GE1101E                              | Geographical Journeys: Exploring World Environments |
| Arts and Social Sciences                                       | GE2202                               | Economy & Space                                     |
| Arts and Social Sciences                                       | GE2204                               | Cities in Transition                                |
| Arts and Social Sciences                                       | GE2220                               | Terrestrial and Coastal Environments                |
| Arts and Social Sciences                                       | GE2221                               | Nature and Society                                  |
| Arts and Social Sciences                                       | GE2226                               | Southeast Asia                                      |
| Arts and Social Sciences                                       | GE2229                               | Water and the Environment                           |
| Arts and Social Sciences                                       | GE3201                               | The Service Economy                                 |
| Arts and Social Sciences                                       | GE3206                               | Gender, Space & Place                               |
| Arts and Social Sciences                                       | GE3226                               | Tourism Development                                 |
| Arts and Social Sciences                                       | GE3227                               | Urban Climates                                      |
| Arts and Social Sciences                                       | GEH1002                              | Economic Issues in Dev World                        |
| Arts and Social Sciences                                       | GEH1009                              | Framing Bollywood: Unpacking The Magic              |
| Arts and Social Sciences                                       | GEH1010                              | Beasts, People and Wild Environments in South Asia  |
| Arts and Social Sciences                                       | GEH1022                              | Geopolitics: Geographies of War & Peace             |
| Arts and Social Sciences                                       | GEH1055                              | Religion and Film                                   |
| Arts and Social Sciences                                       | GEH1058                              | The Theatre Experience                              |
| Arts and Social Sciences                                       | GEH1061                              | Representation and Media                            |

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|--|--------------------------------------|--|
| Arts and Social Sciences                                       | GEH1067                              | Superhero Entertainments                                       |
| Arts and Social Sciences                                       | GEH1068                              | The Life Aquatic: Machines and the Making of the Ocean         |
| Arts and Social Sciences                                       | GEH1071                              | Religion in Malay-Indonesian Literary Worlds                   |
| Arts and Social Sciences                                       | GEH1072                              | Culture in Action  |
| Arts and Social Sciences                                       | GEH1074                              | Luck   |
| Arts and Social Sciences                                       | GES1002                              | Global EC Dimensions of S'pore                                 |
| Arts and Social Sciences                                       | GES1003                              | Changing Landscapes of Singapore                               |
| Arts and Social Sciences                                       | GES1004                              | The Biophysical Env of S'pore                                  |
| Arts and Social Sciences                                       | GES1006                              | Singapore and India: Emerging Relations                        |
| 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                                       | GES1009                              | Singapore's Business History                                   |
| 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                                       | GES1014                              | Islam and Contemporary Malay Society                           |
| Arts and Social Sciences                                       | GES1015                              | Singapore and Japan: Historical and Contemporary Relationships |
| Arts and Social Sciences                                       | GES1023                              | Representing Singapore   |
| Arts and Social Sciences                                       | GES1025                              | Singapore Literature in English: Selected Texts                |
| Arts and Social Sciences                                       | GES1028                              | Singapore Society  |
| Arts and Social Sciences                                       | GES1031                              | Culture and Communication in Singapore                         |
| Arts and Social Sciences                                       | GES1033                              | Who moved my OB markers?                                       |
| Arts and Social Sciences                                       | GET1001                              | Seeing the World Through Maps                                  |
| Arts and Social Sciences                                       | GET1003                              | Home   |
| Arts and Social Sciences                                       | GET1008                              | Public Speaking and Critical Reasoning                         |
| Arts and Social Sciences                                       | GET1009                              | Gandhi's Life, Thought And Legacy                              |
| Arts and Social Sciences                                       | GET1023                              | Thinking Like An Economist                                     |
| Arts and Social Sciences                                       | GET1027                              | Reason and Persuasion  |
| Arts and Social Sciences                                       | GET1028                              | Logic  |
| Arts and Social Sciences                                       | GET1029                              | Life, the Universe, and Everything                             |
| Arts and Social Sciences                                       | GET1030                              | Digital Humanities in Arts Research                            |

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|--|--------------------------------------|---|
| Arts and Social Sciences                                       | GET1035                              | Critical Perspectives in Advertising          |
| Arts and Social Sciences                                       | GET1036                              | The Logic of Language                         |
| Arts and Social Sciences                                       | GET1037                              | Big Picture History                           |
| Arts and Social Sciences                                       | GET1046                              | I Do Not Think Therefore I Am                 |
| Arts and Social Sciences                                       | GL1101E                              | Global Issues                                 |
| Arts and Social Sciences                                       | GL2101                               | Origins of the Modern World                   |
| 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                                       | HY2206                               | China's Imperial Past: History & Culture      |
| Arts and Social Sciences                                       | HY2232                               | Modern Japan: Conflict in History             |
| Arts and Social Sciences                                       | HY2245                               | Empires, Colonies and Imperialism             |
| Arts and Social Sciences                                       | HY2251                               | From the Wheel to the Web                     |
| Arts and Social Sciences                                       | HY2260                               | History and Popular Culture                   |
| Arts and Social Sciences                                       | HY2262                               | The Ancient World: The Roman Empire           |
| Arts and Social Sciences                                       | HY3227                               | Europe of the Dictators                       |
| Arts and Social Sciences                                       | HY3231                               | History of the Malay World                    |
| Arts and Social Sciences                                       | HY3242                               | Modern Imperialism                            |
| Arts and Social Sciences                                       | HY3247                               | From Monarchy to Military: History of Myanmar |
| Arts and Social Sciences                                       | HY3260                               | Chinese Migrations in World History           |
| Arts and Social Sciences                                       | JS1101E                              | Introduction to Japanese Studies              |
| Arts and Social Sciences                                       | JS2213                               | Popular Culture in Contemporary Japan         |
| Arts and Social Sciences                                       | JS2230                               | Itadakimasu - Food In Japan                   |
| Arts and Social Sciences                                       | JS3217                               | Japanese Art and Aesthetics                   |
| Arts and Social Sciences                                       | JS3222                               | Japanese Business Management                  |
| 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                                       | LAB4201                              | Bahasa Indonesia 5                            |
| Arts and Social Sciences                                       | LAB4202                              | Bahasa Indonesia 6                            |
| Arts and Social Sciences                                       | LAC1201                              | Chinese 1                                     |
| Arts and Social Sciences                                       | LAC2201                              | Chinese 2                                     |

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| Arts and Social Sciences                                       | LAC3201                              | Chinese 3           |
| Arts and Social Sciences                                       | LAC3202                              | Chinese 4           |
| Arts and Social Sciences                                       | LAC4202                              | Chinese 6           |
| 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                                       | LAG3202                              | German 4            |
| Arts and Social Sciences                                       | LAG4202                              | German 6            |
| 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                                       | LAH4202                              | Hindi 6             |
| 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                                       | LAJ3204                              | Business Japanese 2 |
| Arts and Social Sciences                                       | LAJ4203                              | Newspaper Reading   |
| Arts and Social Sciences                                       | LAK1201                              | Korean 1            |
| Arts and Social Sciences                                       | LAK2201                              | Korean 2            |
| Arts and Social Sciences                                       | LAL1201                              | Tamil 1             |
| Arts and Social Sciences                                       | LAL2201                              | Tamil 2             |
| Arts and Social Sciences                                       | LAM1201                              | Malay 1             |
| 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                                       | LAR1201                              | Arabic 1            |

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|--|--------------------------------------|---|
| Arts and Social Sciences                                       | LAR2201                              | Arabic 2  |
| Arts and Social Sciences                                       | LAR3202                              | Arabic 4  |
| Arts and Social Sciences                                       | LAR4202                              | Arabic 6  |
| Arts and Social Sciences                                       | LAS1201                              | Spanish 1   |
| Arts and Social Sciences                                       | LAS2201                              | Spanish 2   |
| Arts and Social Sciences                                       | LAS3202                              | Spanish 4   |
| Arts and Social Sciences                                       | LAS4202                              | Spanish 6   |
| 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                                       | LAT4202                              | Thai 6  |
| 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                                       | LAV3202                              | Vietnamese 4  |
| Arts and Social Sciences                                       | LAV4202                              | Vietnamese 6  |
| Arts and Social Sciences                                       | MS1102E                              | Malays - Tradition, Conflict and Change                 |
| Arts and Social Sciences                                       | MS2210                               | Malay Culture & Society                                 |
| Arts and Social Sciences                                       | MS2215                               | The Malays in History                                   |
| Arts and Social Sciences                                       | MS3209                               | The Malays of Singapore                                 |
| Arts and Social Sciences                                       | MS3211                               | Political Culture of the Malays                         |
| Arts and Social Sciences                                       | MS3213                               | Ideology & Ideas on Malay Development                   |
| Arts and Social Sciences                                       | NM1101E                              | Communications, New Media and Society                   |
| Arts and Social Sciences                                       | NM2203                               | Social Media in Communication Management                |
| Arts and Social Sciences                                       | NM2207                               | Computational Media Literacy                            |
| Arts and Social Sciences                                       | NM2212                               | Visual Design   |
| Arts and Social Sciences                                       | NM2220                               | Introduction to Media Writing                           |
| Arts and Social Sciences                                       | NM2302                               | Mobility and New Media                                  |
| Arts and Social Sciences                                       | NM2303                               | Fake News, Lies and Spin: How to Sift Fact from Fiction |

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| Arts and Social Sciences                                       | NM3203                               | Copyright and New Media                  |
| Arts and Social Sciences                                       | NM3210                               | Cybercrime and Society                   |
| Arts and Social Sciences                                       | NM3217                               | Design for Strategic Communications      |
| Arts and Social Sciences                                       | NM3232                               | Strategic Communication: Concepts        |
| Arts and Social Sciences                                       | PH2201                               | Introduction to Philosophy Of Science    |
| Arts and Social Sciences                                       | PH2207                               | Hume and Kant                            |
| Arts and Social Sciences                                       | PH2208                               | Applied Ethics                           |
| Arts and Social Sciences                                       | PH2209                               | Philosophy of Art                        |
| Arts and Social Sciences                                       | PH2242                               | Philosophy of Language                   |
| Arts and Social Sciences                                       | PH3201                               | Philosophy of Social Science             |
| Arts and Social Sciences                                       | PH3206                               | Recent Philosophy                        |
| Arts and Social Sciences                                       | PH3230                               | Normative Ethical Theory                 |
| Arts and Social Sciences                                       | PH3246                               | Paradoxes                                |
| Arts and Social Sciences                                       | PH3261                               | Kant's Critique of Pure Reason           |
| 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                                       | PL3242                               | Health Psychology                        |
| Arts and Social Sciences                                       | PL3243                               | Sensation and Perception                 |
| Arts and Social Sciences                                       | PL3250                               | Human Performance                        |
| Arts and Social Sciences                                       | PL3252                               | Social-Cognitive Perspectives on Emotion |
| Arts and Social Sciences                                       | PL3256                               | Infant Development                       |
| Arts and Social Sciences                                       | PL3260                               | Moral Development                        |
| Arts and Social Sciences                                       | PS1101E                              | Introduction to Politics                 |
| Arts and Social Sciences                                       | PS2204                               | Modern Western Political Thought         |
| Arts and Social Sciences                                       | PS2234                               | Introduction to Comparative Politics     |
| Arts and Social Sciences                                       | PS2244                               | Public Administration in Singapore       |
| Arts and Social Sciences                                       | PS2245                               | Southeast Asian Politics                 |
| Arts and Social Sciences                                       | PS2247                               | South Asian Politics                     |

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| Arts and Social Sciences                                       | PS2248                               | Chinese Politics  |
| Arts and Social Sciences                                       | PS2249                               | Government and Politics of Singapore                    |
| Arts and Social Sciences                                       | PS3236                               | Ethnicity and Religion in Asian Politics                |
| Arts and Social Sciences                                       | PS3237                               | Women and Politics                                      |
| Arts and Social Sciences                                       | PS3240                               | International Security                                  |
| Arts and Social Sciences                                       | PS3251                               | International and Regional Organisations                |
| Arts and Social Sciences                                       | PS3257                               | Political Inquiry                                       |
| Arts and Social Sciences                                       | PS3260                               | Politics and the Visual                                 |
| Arts and Social Sciences                                       | PS3272                               | The International Relations of Sub-Saharan Africa       |
| Arts and Social Sciences                                       | SC1101E                              | Making Sense of Society                                 |
| Arts and Social Sciences                                       | SC2101                               | Methods of Social Research                              |
| Arts and Social Sciences                                       | SC2206                               | Culture & Society                                       |
| Arts and Social Sciences                                       | SC2211                               | Medical Sociology                                       |
| Arts and Social Sciences                                       | SC2220                               | Gender Studies  |
| Arts and Social Sciences                                       | SC2225                               | The Social Life of Art                                  |
| Arts and Social Sciences                                       | SC3101                               | Social Thought & Social Theory                          |
| Arts and Social Sciences                                       | SC3211                               | Science, Technology & Society                           |
| Arts and Social Sciences                                       | SC3216                               | Self and Society  |
| Arts and Social Sciences                                       | SC3219                               | Sexuality in Comparative Perspective                    |
| Arts and Social Sciences                                       | SC3222                               | Social Transformations in Modern China                  |
| Arts and Social Sciences                                       | SC3226                               | Markets and Society                                     |
| Arts and Social Sciences                                       | SC3228                               | Senses and Society                                      |
| Arts and Social Sciences                                       | SE1101E                              | Southeast Asia: A Changing Region                       |
| Arts and Social Sciences                                       | SE2218                               | Changing Economic Landscape of SE Asia                  |
| Arts and Social Sciences                                       | SE2223                               | Doing Research In Southeast Asia                        |
| Arts and Social Sciences                                       | SE2225                               | Forbidden Pleasures: Vice in Southeast Asia             |
| Arts and Social Sciences                                       | SE3218                               | Industrialising Singapore and SE Asia                   |
| Arts and Social Sciences                                       | SE3224                               | Thai Drawing and Painting                               |
| Arts and Social Sciences                                       | SE3228                               | The Universe Unraveling: Narratives of War in Indochina |
| Arts and Social Sciences                                       | SE3233                               | Martial Arts in Southeast Asia                          |
| Arts and Social Sciences                                       | SE5226                               | RACE AND ETHNICITY IN SOUTHEAST ASIA                    |

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| Arts and Social Sciences                                       | SE5229  | ANTHROPOLOGICAL APPROACHES TO SE ASIA           |
| Arts and Social Sciences                                       | SE5241  | Country Studies: Mainland Southeast Asia        |
| Arts and Social Sciences                                       | SE5242  | Country Studies: Thailand                       |
| Arts and Social Sciences                                       | SE5244  | Country Studies: The Philippines                |
| 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                                       | SN2271  | Religion and Society in South Asia              |
| Arts and Social Sciences                                       | SN2277  | Indian Communities in Southeast Asia            |
| Arts and Social Sciences                                       | SN2280  | Marriage, Sex, Love in South Asia               |
| Arts and Social Sciences                                       | SN2283  | China-India Interactions: Changing Perspectives |
| Arts and Social Sciences                                       | SN2284  | Making Sense of Regions in South Asia           |
| Arts and Social Sciences                                       | SN3262  | The Struggle for India, 1920-1964               |
| Arts and Social Sciences                                       | SN3274  | South Asian Cinema                              |
| Arts and Social Sciences                                       | SN3275  | Tamil Culture and Society                       |
| Arts and Social Sciences                                       | SN3282  | Violence and Visual Cultures in South Asia      |
| 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                                       | SW3217  | Mental Health and Illness                       |
| Arts and Social Sciences                                       | SW3219  | Child-centric Social Work                       |
| Arts and Social Sciences                                       | TS1101E   | Introduction to Theatre and Performance         |
| Arts and Social Sciences                                       | TS2232  | Introduction to Asian Theatre                   |
| Arts and Social Sciences                                       | TS2237  | As If: Actors and Acting                        |
| Arts and Social Sciences                                       | TS2239  | Major Playwrights of the 20th Century           |
| Arts and Social Sciences                                       | TS2243  | Film Genres: Stars and Styles                   |
| Arts and Social Sciences                                       | TS3233  | Southeast Asian Performance                     |
| Arts and Social Sciences                                       | TS3235  | Singapore English-Language Theatre              |
| Arts and Social Sciences                                       | TS3242  | Intercultural Theatre                           |
| Arts and Social Sciences                                       | TS3243  | Stage and Screen                                |
| Business   | Only nominated students from the NUS Business School's exchange partners are eligible to apply for Business modules. Refer to the list of <a href="#">Module Restrictions</a> for more information. |   |
| Computing  | BT1101  | Introduction to Business Analytics              |
| Computing  | BT2101  | Decision Making Methods and Tools               |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title                                       |
|--|--------------------------------------|--|
| Computing  | BT2102                               | Data Management and Visualisation                  |
| Computing  | BT4211                               | Data-Driven Marketing                              |
| Computing  | BT4222                               | Mining Web Data for Business Insights              |
| Computing  | CS1010                               | Programming Methodology                            |
| Computing  | CS1010E                              | Programming Methodology                            |
| Computing  | CS1010S                              | Programming Methodology                            |
| Computing  | CS1231                               | Discrete Structures                                |
| Computing  | CS2010                               | Data Structures and Algorithms II                  |
| Computing  | CS2030                               | Programming Methodology II                         |
| Computing  | CS2040                               | Data Structures and Algorithms                     |
| Computing  | CS2040C                              | Data Structures and Algorithms                     |
| Computing  | CS2100                               | Computer Organisation                              |
| Computing  | CS2102                               | Database Systems                                   |
| Computing  | CS2103                               | Software Engineering                               |
| Computing  | CS2105                               | Introduction to Computer Networks                  |
| Computing  | CS2106                               | Introduction to Operating Systems                  |
| Computing  | CS2107                               | Introduction to Information Security               |
| Computing  | CS2108                               | Introduction to Media Computing                    |
| Computing  | CS2113                               | Software Engineering & Object-Oriented Programming |
| Computing  | CS3211                               | Parallel and Concurrent Programming                |
| Computing  | CS3223                               | Database Systems Implementation                    |
| Computing  | CS3230                               | Design and Analysis of Algorithms                  |
| Computing  | CS3234                               | Logic and Formal Systems                           |
| Computing  | CS3235                               | Computer Security                                  |
| Computing  | CS3236                               | Introduction to Information Theory                 |
| Computing  | CS3240                               | Interaction Design                                 |
| Computing  | CS3242                               | 3D Modeling and Animation                          |
| Computing  | CS3243                               | Introduction to Artificial Intelligence            |
| Computing  | CS3244                               | Machine Learning                                   |
| Computing  | CS3245                               | Information Retrieval                              |
| Computing  | CS3247                               | Game Development                                   |

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**Modules Offered for Non-Graduating (NG) Students**For [Semester 2](#) of AY2018/2019 – Page 1 to 25For [Semester 1](#) of AY2018/2019 – Page 26 to 51

| <b>Faculty/Schools/Programmes/Residential Colleges/Teaching Units</b> | <b>Module Code</b><br><a href="#">Notes</a> | <b>Module Title</b>                                   |
|---|---|---|
| Computing   | CS4215                                      | Programming Language Implementation                   |
| Computing   | CS4218                                      | Software Testing                                      |
| Computing   | CS4220                                      | Knowledge Discovery Methods in Bioinformatics         |
| Computing   | CS4221                                      | Database Applications Design and Tuning               |
| Computing   | CS4222                                      | Wireless Networking                                   |
| Computing   | CS4225                                      | Massive Data Processing Techniques in Data Science    |
| Computing   | CS4231                                      | Parallel and Distributed Algorithms                   |
| Computing   | CS4240                                      | Interaction Design for Virtual and Augmented Reality  |
| Computing   | CS4242                                      | Social Media Computing                                |
| Computing   | CS4244                                      | Knowledge-Based Systems                               |
| Computing   | CS4247                                      | Graphics Rendering Techniques                         |
| Computing   | CS4347                                      | Sound and Music Computing                             |
| Computing   | CS4257                                      | Algorithmic Foundations of Privacy                    |
| Computing   | CS5218                                      | Principles of Program Analysis                        |
| Computing   | CS5222                                      | Advanced Computer Architecture                        |
| Computing   | CS5230                                      | Computational Complexity                              |
| Computing   | CS5232                                      | Formal Specification and Design Techniques            |
| Computing   | CS5233                                      | Simulation and Modelling Techniques                   |
| Computing   | CS5242                                      | Neural Networks and Deep Learning                     |
| Computing   | CS5246                                      | Text Processing on the Web                            |
| Computing   | CS5250                                      | Advanced Operating Systems                            |
| Computing   | CS5272                                      | Embedded Software Design                              |
| Computing   | CS5321                                      | Network Security                                      |
| Computing   | CS5330                                      | Randomized Algorithms                                 |
| Computing   | CS5331                                      | Web Security  |
| Computing   | CS5346                                      | Information Visualisation                             |
| Computing   | CS5421                                      | Database Applications Design and Tuning               |
| Computing   | CS6208                                      | Advanced Topics in Artificial Intelligence            |
| Computing   | CS6211                                      | Analytical Performance Modelling for Computer Systems |
| Computing   | CS6215                                      | Advanced Topics in Program Analysis                   |
| Computing   | CS6216                                      | Advanced Topics in Machine Learning                   |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title   |
|--|--------------------------------------|--|
| Computing  | CS6240                               | Multimedia Analysis  |
| Computing  | IS1103                               | IS Innovations in Organisations and Society                        |
| Computing  | IS3221                               | Enterprise Resource Planning Systems                               |
| Computing  | IS3251                               | Principles of Technology Entrepreneurship                          |
| Computing  | IS4233                               | Legal Aspects of Information Technology                            |
| Computing  | IS4241                               | Social Media Network Analysis                                      |
| Computing  | IS4243                               | Information Systems Consulting                                     |
| Computing  | IS4250                               | Healthcare IT and Analytics  |
| Computing  | IS4261                               | Designing IT-enabled Business Innovations                          |
| Computing  | IS5004                               | Enterprise Architecture  |
| Computing  | IS5110                               | Software Project Management  |
| Computing  | IS5111                               | IT Strategy and Governance   |
| Computing  | IS5114                               | Global IT Project and Vendor Management                            |
| Computing  | IS5116                               | Digital Entrepreneurship   |
| Computing  | IS5128                               | Digital Innovation   |
| Computing  | IS5151                               | Information Security Policy and Management                         |
| Computing  | IS5152                               | Decision Making Technologies                                       |
| Computing  | IS6001                               | Qualitative Methods for IS Research                                |
| Computing  | IS6003                               | Contemporary Theories for IS Research                              |
| Computing  | IS6103                               | Design Science Research in Information Systems                     |
| Computing  | IT1001                               | Introduction to Computing  |
| Computing  | IT3010                               | Data Management for Business Analytics                             |
| Design and Environment   | AR2102                               | Design 4   |
| Design and Environment   | AR2225                               | Reading Visual Images  |
| Design and Environment   | AR3102                               | Design 6   |
| Design and Environment   | AR5802                               | Options Design Research Studio 2                                   |
| Design and Environment   | BPS5222                              | Indoor Environmental Quality                                       |
| Design and Environment   | BPS5225                              | Building Energy Audit and Performance Measurement and Verification |
| Design and Environment   | BPS5226                              | Smart Buildings and Facilities                                     |
| Design and Environment   | BPS5227                              | Maintainability and Green Facilities Management                    |
| Design and Environment   | BPS5228                              | Advanced Building Materials and Structures                         |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title                                      |
|--|--------------------------------------|---|
| Design and Environment   | DEP5102                              | Urban Planning History & Theory                   |
| Design and Environment   | ID1121                               | Human-Centred Design                              |
| Design and Environment   | ID1322                               | Materials and Manufacturing for Industrial Design |
| Design and Environment   | ID2114                               | Form, Material and Making                         |
| Design and Environment   | ID2115                               | Digital Sketching and Painting                    |
| Design and Environment   | ID2122                               | Ecodesign And Sustainability                      |
| Design and Environment   | ID2112                               | Digital Design & Fabrication                      |
| Design and Environment   | ID2106                               | Design Platforms 1                                |
| Design and Environment   | ID3106                               | Design Platforms 3                                |
| Design and Environment   | PF2203                               | Quality and Productivity Management               |
| Design and Environment   | PF2304                               | Operations and Maintenance Management             |
| Design and Environment   | PF2504                               | Materials Technology                              |
| Design and Environment   | PF2505                               | M&E Systems                                       |
| Design and Environment   | PF3201                               | Measurement (Specialist Works)                    |
| Design and Environment   | PF3207                               | Project Management Law                            |
| Design and Environment   | PF3304                               | Facilities Management Law                         |
| Design and Environment   | PF3305                               | Facilities Planning and Design                    |
| Design and Environment   | PF3501                               | Intelligent Facilities                            |
| Design and Environment   | PF4203                               | Project Dispute Management                        |
| Design and Environment   | PF4207                               | Project Risk Management                           |
| Design and Environment   | PF4306                               | REITs Facilities Management                       |
| Design and Environment   | PF4308                               | Event Management Case Studies                     |
| Design and Environment   | PF4501                               | Total Building Performance                        |
| Design and Environment   | RE1704                               | Principles of Real Estate Economics               |
| Design and Environment   | RE1705                               | Real Estate Finance and Accounting                |
| Design and Environment   | RE1706                               | Design and Construction                           |
| Design and Environment   | RE1901                               | Real Estate Wealth Management                     |
| Design and Environment   | RE2301                               | GIS for Real Estate                               |
| Design and Environment   | RE2704                               | Introduction to Real Estate Valuation             |
| Design and Environment   | RE2705                               | Urban Economics                                   |
| Design and Environment   | RE2706                               | Real Estate Finance                               |
| Design and Environment   | RE2707                               | Asset and Property Management                     |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title   |
|--|--------------------------------------|--|
| Design and Environment   | RE3105                               | Regional Real Estate Development                         |
| Design and Environment   | RE3106                               | Residential Property Management                          |
| Design and Environment   | RE3201                               | Research Methodology in Real Estate                      |
| Design and Environment   | RE3211                               | Real Estate Finance Law                                  |
| Design and Environment   | RE3212                               | CORPORATE INVESTMENT IN REAL ESTATE                      |
| Design and Environment   | RE3221                               | Real Estate Development Law                              |
| Design and Environment   | RE3222                               | URBAN DESIGN AND CONSERVATION                            |
| Design and Environment   | RE4213                               | REAL ESTATE RISK ANALYSIS AND MANAGEMENT                 |
| Design and Environment   | RE4221                               | Advanced Urban Planning Theories and Practice            |
| Design and Environment   | RE4223                               | URBAN PLANNING IN ASIAN CITIES                           |
| Engineering  | BN2102                               | Bioengineering Data Analysis                             |
| Engineering  | BN2204                               | Fundamentals of Biomechanics                             |
| Engineering  | BN2301                               | Biochemistry and Biomaterials for Bioengineers           |
| Engineering  | BN3301                               | Introduction To Biomaterials                             |
| Engineering  | BN4203                               | Rehabilitation Engineering                               |
| Engineering  | BN4402                               | Electrophysiology  |
| Engineering  | BN4403                               | Cellular Bioengineering                                  |
| Engineering  | CE2155                               | Structural Mechanics and Materials                       |
| Engineering  | CE3115                               | Geotechnical Engineering                                 |
| Engineering  | CE3132                               | Water Resources Engineering                              |
| Engineering  | CE3155                               | Structural Analysis                                      |
| Engineering  | CE4258                               | Structural Stability & Dynamics                          |
| Engineering  | CE5105                               | Analytical & Numerical Methods In Foundation Engineering |
| Engineering  | CE5106                               | Ground Improvement                                       |
| Engineering  | CE5107                               | Pile Foundations   |
| Engineering  | CE5112                               | Structural Support Systems for Excavation                |
| Engineering  | CE5207                               | Pavement Network Management Systems                      |
| Engineering  | CE5308                               | Coastal Processes & Sediment Transport                   |
| Engineering  | CE5513                               | Plastic Analysis Of Structures                           |
| Engineering  | CE5603                               | Engineering Economics & Project Evaluation               |
| Engineering  | CE5604                               | Advanced Concrete Technology                             |

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|--|--------------------------------------|---|
| Engineering  | CE5611                               | Precast Concrete Technology                               |
| Engineering  | CE5804                               | Global Infrastructure Project Management                  |
| Engineering  | CE5805                               | CONSTRUCTION EQUIPMENT & METHODS                          |
| Engineering  | CE5881                               | TOPICS IN GEOTECHNICAL ENGINEERING: SOIL DYNAMICS         |
| 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  | CN3124                               | Fluid-Solid Systems                                       |
| Engineering  | CN3132                               | Separation Processes                                      |
| Engineering  | CN3135                               | Process Safety, Health and Environment                    |
| Engineering  | CN3421                               | Process Modeling And Numerical Simulation                 |
| Engineering  | CN4211R                              | Petrochemicals and Processing Technology                  |
| Engineering  | CN4223R                              | Microelectronic Thin Films                                |
| Engineering  | CN4227R                              | Advanced Process Control                                  |
| Engineering  | CN4233R                              | Good Manufacturing Practices in Pharmaceutical Industry   |
| Engineering  | CN4247R                              | Enzyme Technology   |
| Engineering  | CN4248                               | Sustainable Process Development                           |
| Engineering  | EE2012                               | Analytical Methods in Electrical and Computer Engineering |
| Engineering  | EE2023                               | Signals and Systems                                       |
| Engineering  | EE2026                               | Digital Design  |
| Engineering  | EE2027                               | Electronic Circuits                                       |
| Engineering  | EE2028                               | Microcontroller Programming and Interfacing               |
| Engineering  | EE3031                               | Innovation & Enterprise I                                 |
| Engineering  | EE3131C                              | Communication Systems                                     |
| Engineering  | EE3331C                              | Feedback Control Systems                                  |
| Engineering  | EE3431C                              | Microelectronics Materials and Devices                    |
| Engineering  | EE4104                               | Microwave Circuits & Devices                              |
| Engineering  | EE4204                               | Computer Networks   |

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|--|--------------------------------------|---|
| Engineering  | EE4210                               | Network Protocols and Applications                |
| Engineering  | EE4212                               | Computer Vision                                   |
| Engineering  | EE4302                               | Advanced Control Systems                          |
| Engineering  | EE4307                               | Control Systems Design And Simulation             |
| Engineering  | EE4409                               | Microelectronic Applications for Modern Life      |
| Engineering  | EE4415                               | Integrated Digital Design                         |
| Engineering  | EE4434                               | Integrated Circuit Technology, Design and Testing |
| Engineering  | EE4437                               | Photonics - Principles and Applications           |
| Engineering  | EE4438                               | Solar Cells and Modules                           |
| Engineering  | EE4511                               | Renewable Generation and Smart Grid               |
| Engineering  | EE4603                               | Biomedical Imaging Systems                        |
| Engineering  | EE5132                               | Wireless and Sensor Networks                      |
| Engineering  | EE5134                               | Optical Communications and Networks               |
| Engineering  | EE5135                               | Digital Communications                            |
| Engineering  | EE5434                               | Microelectronic Processes and Integration         |
| Engineering  | EE5508                               | SEMICONDUCTOR FUNDAMENTALS                        |
| Engineering  | EE5801                               | Electromagnetic Compatibility                     |
| Engineering  | EE5903                               | REAL-TIME SYSTEMS                                 |
| Engineering  | EE5904                               | NEURAL NETWORKS                                   |
| Engineering  | ESE2401                              | Water Science & Technology                        |
| Engineering  | ESE3001                              | Water Quality Engineering                         |
| Engineering  | ESE3101                              | Solid And Hazardous Waste Management              |
| Engineering  | ESE3301                              | Environmental Microbiological Principles          |
| Engineering  | ESE4401                              | Water & Wastewater Engineering 2                  |
| Engineering  | ESE5002                              | Physical and Process Principles                   |
| Engineering  | ESE5003                              | Environmental Chemical Principles                 |
| Engineering  | ESE5202                              | AIR POLLUTION CONTROL TECHNOLOGY                  |
| Engineering  | ESE5404                              | Biological Treatment Processes                    |
| Engineering  | ESP3903                              | Major Design Project 2                            |
| Engineering  | ESP4401                              | Optimization of Energy Systems                    |
| Engineering  | ESP5402                              | Transport Phenomena in Energy Systems             |
| Engineering  | IE2100                               | Probability Models With Applications              |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title                         |
|--|--------------------------------------|--------------------------------------|
| Engineering  | IE2140                               | Engineering Economy                  |
| Engineering  | IE2150                               | Human Factors Engineering            |
| Engineering  | IE4220                               | Supply Chain Modelling               |
| Engineering  | IE4230                               | Quality Engineering II               |
| Engineering  | IE4240                               | Project Management                   |
| Engineering  | ME2102                               | Engineering Innovation and Modelling |
| Engineering  | ME2114                               | Mechanics of Materials               |
| Engineering  | ME2115                               | Mechanics Of Machines                |
| Engineering  | ME2121                               | Engineering Thermodynamics           |
| Engineering  | ME2135                               | Intermediate Fluid Mechanics         |
| Engineering  | ME2142                               | Feedback Control Systems             |
| Engineering  | ME3221                               | Sustainable Energy Conversion        |
| Engineering  | ME3241                               | Microprocessor Applications          |
| Engineering  | ME3281                               | Microsystems Design And Applications |
| Engineering  | ME3291                               | Numerical Methods In Engineering     |
| Engineering  | ME4212                               | Aircraft Structures                  |
| Engineering  | ME4213                               | Vibration Theory And Applications    |
| Engineering  | ME4225                               | Applied Heat Transfer                |
| Engineering  | ME4227                               | Internal Combustion Engines          |
| Engineering  | ME4231                               | Aerodynamics                         |
| Engineering  | ME4241                               | Aircraft Performance and Stability   |
| Engineering  | ME4246                               | Modern Control System                |
| Engineering  | ME4253                               | Biomaterials Engineering             |
| Engineering  | ME4255                               | Materials Failure                    |
| Engineering  | ME4261                               | Tool Engineering                     |
| Engineering  | ME4262                               | Automation In Manufacturing          |
| Engineering  | MLE2104                              | Mechanical Properties of Materials   |
| Engineering  | MLE2105                              | Electronic Properties of Materials   |
| Engineering  | MLE3202                              | Materials for Biointerfaces          |
| Engineering  | MLE4202                              | Selected Advanced Topics on Polymers |
| Engineering  | MLE4203                              | Polymeric Biomedical Materials       |
| Engineering  | MLE4206                              | Current topics on Nanomaterials      |

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|--|--------------------------------------|--|
| Engineering  | OT5203                               | Design of Floating Structures                          |
| Engineering  | OT5204                               | Moorings & Risers                                      |
| Engineering  | OT5205                               | Offshore Pipelines                                     |
| Engineering  | OT5206                               | Offshore Foundations                                   |
| Engineering  | OT5401                               | Geoscience for Petroleum Exploration                   |
| Engineering  | OT5406                               | Petroleum Production Engineering                       |
| Engineering  | TP5028                               | Intermodal Transportation Operations                   |
| Law  | LL4003V                              | China, India and International Law                     |
| Law  | LL4008BV                             | Charterparties   |
| Law  | LL4014V                              | Construction Law                                       |
| Law  | LL4029V                              | International Commercial Arbitration                   |
| Law  | LL4030V                              | International Commercial Litigation                    |
| Law  | LL4050V                              | Public International Law                               |
| Law  | LL4054V                              | Domestic and International Sale of Goods               |
| Law  | LL4057V                              | Theoretical Foundations Of Criminal Law                |
| Law  | LL4063V                              | Business & Finance For Lawyers                         |
| Law  | LL4070V                              | Foundations Of Intellectual Property Law               |
| Law  | LL4099V                              | Maritime Law   |
| Law  | LL4133V                              | Human Rights in Asia                                   |
| Law  | LL4140V                              | Ocean Law & Policy in Asia                             |
| Law  | LL4146V                              | Law & Society  |
| Law  | LL4150V                              | Arbitration of Investment Disputes                     |
| Law  | LL4155                               | Topics in Law and Economics                            |
| Law  | LL4178V                              | International Legal Protection of Investment Flows     |
| Law  | LL4195V                              | International Economic Law & Relations                 |
| Law  | LL4202V                              | ASEAN Economic Community Law and Policy                |
| Law  | LL4205V                              | Maritime Conflict of Laws                              |
| Law  | LL4208V                              | Advanced Criminal Legal Process                        |
| Law  | LL4209V                              | Legal Argument & Narrative                             |
| Law  | LL4233V                              | European Company Law                                   |
| Law  | LL4235V                              | Government Contracts: Int'l & Comparative Perspectives |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title   |
|--|--------------------------------------|--|
| Law  | LL4237V                              | Law, Institutions, and Business in Greater China           |
| Law  | LL4242V                              | Financial Regulation and Central Banking                   |
| Law  | LL4258V                              | Personal Property Law                                      |
| Law  | LL4259V                              | Alternative Investments                                    |
| Law  | LL4283V                              | Artificial Intelligence, Information Science & Law         |
| Law  | LL4286V                              | Transnational Terrorism and International Law              |
| Law  | LL4292V                              | State Responsibility: Theory and Practice                  |
| Law  | LL4299                               | Advanced Issues in the Law & Practice of Int'l Arbitration |
| Law  | LL4308V                              | Behavioural Economics, Law & Regulation                    |
| Law  | LL4396                               | University Research Opportunities Program                  |
| Law  | LL4402                               | Corporate Insolvency Law                                   |
| Law  | LL4412                               | Securities and Capital Markets Regulation                  |
| Medicine   | LSM1106                              | Molecular Cell Biology                                     |
| Medicine   | LSM2211                              | Metabolism and Regulation                                  |
| Medicine   | LSM2233                              | Cell Biology   |
| Medicine   | LSM3211                              | Fundamental Pharmacology                                   |
| Medicine   | LSM3212                              | Human Physiology: Cardiopulmonary System                   |
| Medicine   | LSM3223                              | Immunology   |
| Medicine   | LSM4214                              | Cancer Pharmacology  |
| Medicine   | LSM4221                              | Drug Discovery and Clinical Trials                         |
| Medicine   | LSM4222                              | Advanced Immunology  |
| Medicine   | LSM4226                              | Infection and Immunity                                     |
| Medicine   | LSM4243                              | Tumour Biology   |
| Public Health  | GEH1049                              | Public Health in Action                                    |
| Public Health  | SPH2101                              | Public Health and Epidemiology                             |
| Public Health  | SPH2103                              | Systems and Policies to improve Health                     |
| Public Health  | SPH2104                              | Public Health Nutrition                                    |
| Public Health  | SPH2105                              | Introduction to Global Health                              |
| Public Health  | SPH3102                              | PUBLIC HEALTH COMMUNICATION                                |
| Public Health  | SPH3104                              | Infectious disease epidemiology and public health          |
| Science  | CM1121                               | Organic Chemistry 1  |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title                               |
|--|--------------------------------------|--|
| Science  | CM2101                               | Physical Chemistry 2                       |
| Science  | CM3201                               | Principles of Chemical Processes           |
| Science  | CM3222                               | Organic Reaction Mechanisms                |
| Science  | CM3225                               | Biomolecules                               |
| Science  | CM3251                               | Nanochemistry                              |
| Science  | CM3253                               | Materials Chemistry 1                      |
| Science  | CM3296                               | Molecular Modelling: Theory & Practice     |
| Science  | CM4212                               | Advanced Organometallic Chemistry          |
| Science  | CM4214                               | Structural Methods in Inorganic Chem       |
| Science  | CM4228                               | Catalysis                                  |
| Science  | CM4241                               | Trace Analysis                             |
| Science  | CM4252                               | Polymer Chemistry 2                        |
| Science  | CM4253                               | Materials Chemistry 2                      |
| Science  | CM4258                               | Advanced Polymer Science                   |
| Science  | CM4271                               | MEDICINAL CHEMISTRY                        |
| Science  | CM4282                               | Energy Resources                           |
| Science  | CM5212                               | Crystal Engineering                        |
| Science  | CM5225                               | Asymmetric Catalysis                       |
| Science  | CM5244                               | Topics in Environmental Chemistry          |
| Science  | CM5245                               | BIOANALYTICAL CHEMISTRY                    |
| Science  | CM5262                               | Contemporary Materials Chemistry           |
| Science  | COS2000                              | Computational Thinking for Scientists      |
| Science  | FST2106                              | Post Harvest Food Processing               |
| Science  | FST2107                              | Food Analysis and Lab                      |
| Science  | FST2108                              | Food Safety Assurance                      |
| Science  | FST2201                              | Introduction to Human Nutrition            |
| Science  | FST4102                              | Advanced Food Processing Technology        |
| Science  | FST4103                              | Food Colloids and Components Science       |
| Science  | FST5202                              | Advanced Food Fermentation                 |
| Science  | FST5203                              | Advanced Food Microbiology and Safety      |
| Science  | FST5226                              | Advanced Current Topics in Food Science II |
| Science  | FST5301                              | Evidence Based Functional Foods            |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title   |
|--|--------------------------------------|--|
| Science  | FST5303                              | Modern Human Nutrition                                   |
| Science  | GEH1018                              | A Brief History of Science                               |
| Science  | GEH1019                              | Food & Health  |
| Science  | GEH1026                              | Drugs and Society  |
| Science  | GEH1027                              | Einstein's Universe & Quantum Weirdness                  |
| Science  | GEH1028                              | The Emerging Nanoworld                                   |
| Science  | GEH1032                              | Modern Technology in Medicine and Health                 |
| Science  | GEH1033                              | How the Ocean Works                                      |
| Science  | GEH1035                              | Phy'cal Qns from Everyday Life                           |
| Science  | GEH1050                              | Plants and Society                                       |
| Science  | GES1021                              | Natural Heritage of Singapore                            |
| Science  | GET1014                              | The Art of Science, the Science of Art                   |
| Science  | GET1020                              | Darwin and Evolution                                     |
| Science  | GET1024                              | Radiation-Scientific Understanding and Public Perception |
| Science  | GET1042                              | Sky and Telescopes                                       |
| Science  | LSM1102                              | Molecular Genetics                                       |
| Science  | LSM1105                              | Evolutionary Biology                                     |
| Science  | LSM1106                              | Molecular Cell Biology                                   |
| Science  | LSM1303                              | Animal Behaviour   |
| Science  | LSM1401                              | Fundamentals of Biochemistry                             |
| Science  | LSM2191                              | Laboratory Techniques in Life Sciences                   |
| Science  | LSM2211                              | Metabolism and Regulation                                |
| Science  | LSM2232                              | Genes, Genomes and Biomedical Implications               |
| Science  | LSM2233                              | Cell Biology   |
| Science  | LSM2234                              | Physical Concepts in Biology                             |
| Science  | LSM2251                              | Ecology and Environment                                  |
| Science  | LSM2252                              | Biodiversity   |
| Science  | LSM2253                              | Applied Data Analysis in Ecology and Evolution           |
| Science  | LSM2254                              | Fundamentals of Plant Biology                            |
| Science  | LSM3211                              | Fundamental Pharmacology                                 |
| Science  | LSM3212                              | Human Physiology: Cardiopulmonary System                 |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title                             |
|--|--------------------------------------|--|
| Science  | LSM3214                              | Human Physiology - Hormones and Health   |
| Science  | LSM3216                              | Neuronal Development and Diseases        |
| Science  | LSM3218                              | Cardiopulmonary Pharmacology             |
| Science  | LSM3219                              | Neuropharmacology                        |
| Science  | LSM3223                              | Immunology                               |
| Science  | LSM3224                              | Molecular Basis of Human Diseases        |
| Science  | LSM3225                              | Molecular Microbiology in Human Diseases |
| Science  | LSM3226                              | Medical Mycology and Drug Discovery      |
| Science  | LSM3232                              | Microbiology                             |
| Science  | LSM3241                              | Genomic Data Analysis                    |
| Science  | LSM3242                              | Translational Microbiology               |
| Science  | LSM3243                              | Molecular Biophysics                     |
| Science  | LSM3247                              | Practical Synthetic Biology              |
| Science  | LSM3255                              | Ecology of Terrestrial Environments      |
| Science  | LSM3256                              | Tropical Horticulture                    |
| Science  | LSM3259                              | Fungal Biology                           |
| Science  | LSM3262                              | Environmental Animal Physiology          |
| Science  | LSM3267                              | Behavioural Biology                      |
| Science  | LSM3272                              | Global Change Biology                    |
| Science  | LSM4214                              | Cancer Pharmacology                      |
| Science  | LSM4221                              | Drug Discovery and Clinical Trials       |
| Science  | LSM4222                              | Advanced Immunology                      |
| Science  | LSM4225                              | Genetic Medicine in the Post-Genomic Era |
| Science  | LSM4226                              | Infection and Immunity                   |
| Science  | LSM4227                              | Stem Cell Biology                        |
| Science  | LSM4231                              | Structural Biology                       |
| Science  | LSM4234                              | Mechanobiology                           |
| Science  | LSM4235                              | Nuclear Mechanics and Genome Regulation  |
| Science  | LSM4241                              | Functional Genomics                      |
| Science  | LSM4243                              | Tumour Biology                           |
| Science  | LSM4252                              | Reproductive Biology                     |
| Science  | LSM4261                              | Marine Biology                           |

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|--|--------------------------------------|---|
| Science  | LSM4262                              | Tropical Conservation Biology               |
| Science  | LSM4264                              | Freshwater Biology                          |
| Science  | LSM4265                              | Urban Ecology                               |
| Science  | MA1101R                              | Linear Algebra I                            |
| Science  | MA1102R                              | Calculus                                    |
| Science  | MA1301                               | Introductory Mathematics                    |
| Science  | MA1312                               | Calculus with Applications                  |
| Science  | MA1521                               | Calculus for Computing                      |
| Science  | MA2101                               | Linear Algebra II                           |
| Science  | MA2104                               | Multivariable Calculus                      |
| Science  | MA2108                               | Mathematical Analysis I                     |
| Science  | MA2216                               | Probability                                 |
| Science  | MA2219                               | Introduction to Geometry                    |
| Science  | MA3110                               | Mathematical Analysis II                    |
| Science  | MA3111                               | Complex Analysis I                          |
| Science  | MA3201                               | Algebra II                                  |
| Science  | MA3227                               | Numerical Analysis II                       |
| Science  | MA3233                               | Combinatorics and Graphs II                 |
| Science  | MA3238                               | Stochastic Processes I                      |
| Science  | MA3252                               | Linear and Network Optimisation             |
| Science  | MA3259                               | Mathematical Methods in Genomics            |
| Science  | MA4207                               | Mathematical Logic                          |
| Science  | MA4211                               | Functional Analysis                         |
| Science  | MA4221                               | Partial Differential Equations              |
| Science  | MA4229                               | Approximation Theory                        |
| Science  | MA4251                               | Stochastic Processes II                     |
| Science  | MA4255                               | Numerical Methods in Differential Equations |
| Science  | MA4260                               | Stochastic Operations Research              |
| Science  | MA4261                               | Coding and Cryptography                     |
| Science  | MA4263                               | Introduction to Analytic Number Theory      |
| Science  | MA4264                               | Game Theory                                 |
| Science  | MA4266                               | Topology                                    |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title                                 |
|--|--------------------------------------|--|
| Science  | MA4268                               | Mathematics for Visual Data Processing       |
| Science  | MA4271                               | Differential Geometry of Curves and Surfaces |
| Science  | MA5202                               | Number Theory                                |
| Science  | MA5204                               | Graduate Algebra IIA                         |
| Science  | MA5210                               | Differentiable Manifolds                     |
| Science  | MA5213                               | ADVANCED PARTIAL DIFFERENTIAL EQUATIONS      |
| Science  | MA5232                               | Modeling and Numerical Simulations           |
| Science  | MA5236                               | HOMOLOGY THEORY                              |
| Science  | MA5251                               | SPECTRAL METHODS AND APPLICATIONS            |
| Science  | MA5260                               | Probability Theory II                        |
| Science  | PC1143                               | Introduction to Electricity & Magnetism      |
| Science  | PC1144                               | Introduction to Modern Physics               |
| Science  | PC1221                               | Fundamentals of Physics I                    |
| Science  | PC1222                               | Fundamentals of Physics II                   |
| Science  | PC1322                               | Understanding the Universe                   |
| Science  | PC1431                               | Physics IE                                   |
| Science  | PC1432                               | Physics IIE                                  |
| Science  | PC2130                               | Quantum Mechanics I                          |
| Science  | PC2193                               | Experimental Physics I                       |
| Science  | PC2230                               | Thermodynamics and Statistical Mechanics     |
| Science  | PC3193                               | Experimental Physics II                      |
| Science  | PC3233                               | Atomic & Molecular Physics I                 |
| Science  | PC3236                               | Computational Methods in Physics             |
| Science  | PC3238                               | Fluid Dynamics                               |
| Science  | PC3241                               | Solid State Devices                          |
| Science  | PC3243                               | Photonics                                    |
| Science  | PC3246                               | Astrophysics I                               |
| Science  | PC3251                               | Nanophysics                                  |
| Science  | PC3267                               | Biophysics II                                |
| Science  | PC4242                               | Electrodynamics                              |
| Science  | PC4243                               | Atomic & Molecular Physics II                |
| Science  | PC4245                               | Particle Physics                             |

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## Modules Offered for Non-Graduating (NG) Students

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title  |
|--|--------------------------------------|---|
| Science  | PC4253                               | Thin Film Technology                                |
| Science  | PC4262                               | Remote Sensing                                      |
| Science  | PC4274                               | Mathematical Methods in Physics III                 |
| Science  | PC5202                               | ADVANCED STATISTICAL MECHANICS                      |
| Science  | PC5204A                              | SPECIAL TOPICS IN PHYSICS                           |
| Science  | PC5204B                              | Selected Topics in Physics: Analytic Approximations |
| Science  | PC5210                               | Advanced Dynamics                                   |
| Science  | PC5212                               | Physics of Nanostructures                           |
| Science  | PC5213                               | Advanced Biophysics                                 |
| Science  | PC5247                               | Photonics II  |
| Science  | PR3301                               | Pharmaceutical Dosage Forms                         |
| Science  | PR4201                               | Pharmaceutical Marketing                            |
| Science  | QF3101                               | Investment Instruments: 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  | ST3232                               | Design & Analysis of Experiments                    |
| Science  | ST3236                               | Stochastic Processes I                              |
| Science  | ST3239                               | Survey Methodology                                  |
| Science  | ST3241                               | Categorical Data Analysis I                         |
| Science  | ST3246                               | Statistical Models for Actuarial Science            |
| Science  | ST3247                               | Simulation  |
| Science  | ST4232                               | Nonparametric Statistics                            |
| Science  | ST4238                               | Stochastic Processes II                             |
| Science  | ST4242                               | Analysis of Longitudinal Data                       |
| Science  | ST4248                               | Statistical Learning II                             |

## Modules offered for Non-Graduating Students

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | 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                                       | AH3203                               | Collecting Art in Europe and Asia (1500 CE – 2000 CE) |
| 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                                       | EC2205                               | Economic Analysis of Business                         |
| Arts and Social Sciences                                       | EC2303                               | Foundations for Econometrics                          |
| 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                                       | 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                                       | EC3371                               | Development Economics I                               |
| Arts and Social Sciences                                       | EC3381                               | Urban Economics                                       |
| Arts and Social Sciences                                       | EC5103                               | ECONOMETRIC MODELLING AND APPLICATIONS I              |
| Arts and Social Sciences                                       | EL1101E                              | The Nature of Language                                |
| Arts and Social Sciences                                       | EL2151                               | Social Variation in English                           |
| Arts and Social Sciences                                       | EL3203                               | Semantics and Pragmatics                              |
| Arts and Social Sciences                                       | EL3213                               | Language Typology                                     |
| Arts and Social Sciences                                       | EL3222                               | Cinematic Discourse and Language                      |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><i>Notes</i> | Module Title  |
|--|-----------------------------|---|
| Arts and Social Sciences                                       | EN1101E                     | An Introduction to Literary Studies                 |
| Arts and Social Sciences                                       | EN3223                      | Nineteenth Century Literature & Culture             |
| Arts and Social Sciences                                       | EN3224                      | The Twentieth Century                               |
| Arts and Social Sciences                                       | EN3241                      | Literature and Psychoanalysis                       |
| Arts and Social Sciences                                       | EN3243                      | S/F: Science Fiction & Fantasy                      |
| Arts and Social Sciences                                       | EN3245                      | Feminism: Text & Theory                             |
| Arts and Social Sciences                                       | EN3248                      | Reading the Horror Film                             |
| 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 & Remote Sensing                |
| 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                                       | GE3204                      | Cities and Regions: Planning for Change             |
| Arts and Social Sciences                                       | GE3219                      | Globalisation and the Asian Cities                  |
| Arts and Social Sciences                                       | GE3231                      | Natural Hazards                                     |
| Arts and Social Sciences                                       | GE3236                      | Transport and Communications                        |
| 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                                       | GEH1014                     | Samurai, Geisha, Yakuza as Self or Other            |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><small><a href="#">Notes</a></small> | Module Title  |
|--|---|---|
| Arts and Social Sciences                                       | GEH1015   | Cultural Borrowing: Japan and China                   |
| 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                                       | GEH1061   | Representation and Media                              |
| Arts and Social Sciences                                       | GEH1065   | Art in Society  |
| Arts and Social Sciences                                       | GEH1069   | Art in Asia: Through Media                            |
| Arts and Social Sciences                                       | GEH1073   | The Art of Chinese Poetry: Past and Present           |
| 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                                       | GES1011   | The Evolution of a Global City-State                  |
| Arts and Social Sciences                                       | GES1012   | Popular Culture in Singapore                          |
| Arts and Social Sciences                                       | GES1014   | Islam and Contemporary Malay Society                  |
| Arts and Social Sciences                                       | GES1028   | Singapore Society                                     |
| Arts and Social Sciences                                       | GES1029   | S'pore 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                                       | GET1008   | Public Speaking and Critical Reasoning                |
| Arts and Social Sciences                                       | GET1016   | Understanding the Changing Global Economic Landscape  |
| 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                                       | GET1029   | Life, the Universe, and Everything                    |
| Arts and Social Sciences                                       | GET1035   | Critical Perspectives in Advertising                  |
| Arts and Social Sciences                                       | GET1037   | Big Picture History                                   |

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## Modules Offered for Non-Graduating (NG) Students

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><i>Notes</i> | Module Title                                   |
|--|-----------------------------|--|
| Arts and Social Sciences                                       | GET1038                     | Communication in Small Groups                  |
| 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                                       | HY2210                      | State & Society in Early-Modern Europe         |
| Arts and Social Sciences                                       | HY2231                      | Upheaval in Europe: 1848-1918                  |
| Arts and Social Sciences                                       | HY2249                      | Art and History                                |
| Arts and Social Sciences                                       | HY2250                      | Introduction to Southeast Asian History        |
| Arts and Social Sciences                                       | HY2253                      | Christianity in World History                  |
| Arts and Social Sciences                                       | HY2257                      | Law, Crime, & Punishment in History            |
| Arts and Social Sciences                                       | HY3241                      | Religion in History of China & Japan           |
| 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                      | Intro 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                                       | JS3223                      | Japan and the Asia-Pacific Region              |
| Arts and Social Sciences                                       | JS3226                      | Japan: The Green Nation?                       |
| 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                             |
| 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 Char Writing & Comp                    |
| Arts and Social Sciences                                       | LAC3201                     | Chinese 3                                      |
| Arts and Social Sciences                                       | LAC3202                     | Chinese 4                                      |
| Arts and Social Sciences                                       | LAC4201                     | Chinese 5                                      |
| Arts and Social Sciences                                       | LAF1201                     | French 1                                       |
| Arts and Social Sciences                                       | LAF2201                     | French 2                                       |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title                         |
|--|--------------------------------------|--------------------------------------|
| 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                              |
| 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                               |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><small>Notes</small> | Module Title  |
|--|-------------------------------------|---|
| 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                                       | LAV4201                             | Vietnamese 5  |
| 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                                       | 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                  |
| Arts and Social Sciences                                       | NM2220                              | Introduction to Media Writing                           |
| Arts and Social Sciences                                       | NM2302                              | Mobility and New Media                                  |
| Arts and Social Sciences                                       | NM2303                              | Fake News, Lies and Spin: How to Sift Fact from Fiction |
| Arts and Social Sciences                                       | NM3216                              | Game Design   |
| Arts and Social Sciences                                       | NM3217                              | Design for Strategic Communications                     |
| Arts and Social Sciences                                       | NM3239                              | Retrieving, Exploring and Analysing Data                |
| Arts and Social Sciences                                       | NM4203                              | Infocomm Technology Policy                              |
| Arts and Social Sciences                                       | NM4206                              | Media and Communications Regulation                     |
| Arts and Social Sciences                                       | NM4211                              | Online Journalism                                       |
| Arts and Social Sciences                                       | NM4225                              | Design Fiction  |
| Arts and Social Sciences                                       | NM4230                              | Communication for Social Change                         |
| Arts and Social Sciences                                       | NM4883F                             | Financial Journalism                                    |
| Arts and Social Sciences                                       | PH2206                              | Founders of Modern Philosophy                           |
| Arts and Social Sciences                                       | PH2211                              | Philosophy of Religion                                  |
| Arts and Social Sciences                                       | PH2213                              | Metaphysics   |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><small>Notes</small> | Module Title                             |
|--|-------------------------------------|--|
| Arts and Social Sciences                                       | PH2222                              | Greek Philo (Socrates & Plato)           |
| Arts and Social Sciences                                       | PH3203                              | Moral Philosophy                         |
| Arts and Social Sciences                                       | PH3245                              | Language and Thought                     |
| Arts and Social Sciences                                       | PH3249                              | Decision and Social Choice               |
| 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                                       | PL3254                              | Introduction to Trauma Psychology        |
| Arts and Social Sciences                                       | PL3257                              | Introduction to Clinical Psychology      |
| Arts and Social Sciences                                       | PS1101E                             | Introduction to Politics                 |
| Arts and Social Sciences                                       | PS2203                              | Ancient Western Political Thought        |
| Arts and Social Sciences                                       | PS2237                              | Introduction to International Relations  |
| Arts and Social Sciences                                       | PS2240                              | Introduction to Public Administration    |
| Arts and Social Sciences                                       | PS2249                              | Government and Politics of Singapore     |
| Arts and Social Sciences                                       | PS2251                              | The Region in the Postcolonial World     |
| Arts and Social Sciences                                       | PS2255                              | Politics of the Middle East              |
| Arts and Social Sciences                                       | PS2257                              | Contemporary African Politics            |
| Arts and Social Sciences                                       | PS2258                              | Introduction to Political Theory         |
| Arts and Social Sciences                                       | PS3232                              | Democratic Theory                        |
| Arts and Social Sciences                                       | PS3238                              | International Political Economy          |
| Arts and Social Sciences                                       | PS3249                              | Singapore's Foreign Policy               |
| Arts and Social Sciences                                       | PS3257                              | Political Inquiry                        |
| Arts and Social Sciences                                       | PS3258                              | Research Methods in Political Science    |
| 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                  |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><small>Notes</small> | Module Title  |
|--|-------------------------------------|---|
| Arts and Social Sciences                                       | SC2101                              | Methods of Social Research                              |
| Arts and Social Sciences                                       | SC2209                              | Money, Business and Social Networks                     |
| Arts and Social Sciences                                       | SC2210                              | Sociology of Popular Culture                            |
| Arts and Social Sciences                                       | SC2214                              | Media and Culture                                       |
| Arts and Social Sciences                                       | SC2218                              | Anthropology and the Human Condition                    |
| Arts and Social Sciences                                       | SC3101                              | Social Thought & Social Theory                          |
| Arts and Social Sciences                                       | SC3202                              | From Modernization to Globalization                     |
| Arts and Social Sciences                                       | SC3204                              | Sociology of Education                                  |
| Arts and Social Sciences                                       | SC3205                              | Sociology of Power: Who Gets to Rule?                   |
| Arts and Social Sciences                                       | SC3207                              | Cultures of Kinship                                     |
| Arts and Social Sciences                                       | SC3223                              | Visual Culture I: Seeing & Representing                 |
| Arts and Social Sciences                                       | SC3229                              | Comparing Deviance: Perverts & Scandalous Improprieties |
| Arts and Social Sciences                                       | SE1101E                             | Southeast Asia: A Changing Region                       |
| Arts and Social Sciences                                       | SE2210                              | Popular Culture in Southeast Asia                       |
| Arts and Social Sciences                                       | SE2213                              | Politics in Southeast Asia                              |
| Arts and Social Sciences                                       | SE2219                              | Culture and Power in Southeast Asia                     |
| Arts and Social Sciences                                       | SE2221                              | Old and New Music in Southeast Asia                     |
| Arts and Social Sciences                                       | SE2227                              | Southeast Asian Gardens                                 |
| Arts and Social Sciences                                       | SE3214                              | Heritage and Heritagescapes in Southeast Asia           |
| Arts and Social Sciences                                       | SE3216                              | Migration & Diaspora in SEA                             |
| Arts and Social Sciences                                       | SE3230                              | Seen and Unseen: Explorations                           |
| Arts and Social Sciences                                       | SE3232                              | Death and Dying 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                                       | SE4226                              | Doing Ethnography in Southeast Asia                     |
| Arts and Social Sciences                                       | SE5221                              | Landscapes of Southeast Asia                            |
| Arts and Social Sciences                                       | SE5222                              | Arts In Contemporary S.E.A.                             |
| Arts and Social Sciences                                       | SE5247                              | Country Studies: Vietnam                                |
| Arts and Social Sciences                                       | SN1101E                             | South Asia : People, Culture, Develop'm                 |
| Arts and Social Sciences                                       | SN2234                              | Gender and Society in South Asia                        |
| Arts and Social Sciences                                       | SN2261                              | The Emergence of Contemporary South Asia                |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><small>Notes</small>   | Module Title                              |
|--|---|---|
| Arts and Social Sciences                                       | SN2274  | South Asian Cultures: An Introduction     |
| Arts and Social Sciences                                       | SN3223  | International Relations of South Asia     |
| Arts and Social Sciences                                       | SN3261  | Exile, Indenture, IT: Global South Asians |
| 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                                       | TS2217  | Introduction to Performance Studies       |
| 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                                       | TS3232  | Performance & Social Space                |
| 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. |   |
| Computing  | BT1101  | Introduction to Business Analytics        |
| Computing  | BT2101  | Decision Making Methods and Tools         |
| Computing  | BT2102  | Data Management and Visualisation         |
| Computing  | BT4212  | Search Engine Optimization and Analytics  |
| Computing  | BT4221  | Big Data Techniques and Technologies      |
| Computing  | CS1010  | Programming Methodology                   |
| Computing  | CS1010J   | Programming Methodology                   |
| Computing  | CS1010S   | Programming Methodology                   |
| Computing  | CS1020  | Data Structures and Algorithms I          |
| Computing  | CS1231  | Discrete Structures                       |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><small><a href="#">Notes</a></small> | Module Title                                       |
|--|---|--|
| Computing  | CS2010  | Data Structures and Algorithms II                  |
| Computing  | CS2030  | Programming Methodology II                         |
| Computing  | CS2040  | Data Structures and Algorithms                     |
| Computing  | CS2040C   | Data Structures and Algorithms                     |
| Computing  | CS2100  | Computer Organisation                              |
| Computing  | CS2102  | Database Systems                                   |
| Computing  | CS2103  | Software Engineering                               |
| 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                                  |
| Computing  | CS3244  | Machine Learning                                   |
| 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  | CS4243  | Computer Vision and Pattern Recognition            |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title   |
|--|--------------------------------------|--|
| Computing  | CS4246                               | AI Planning and Decision Making                      |
| Computing  | CS4248                               | Natural Language Processing                          |
| Computing  | CS4249                               | Phenomena and Theories of Human-Computer Interaction |
| Computing  | CS4351                               | Real-Time Graphics                                   |
| Computing  | CS5219                               | Automated Software Validation                        |
| Computing  | CS5229                               | Advanced Computer Networks                           |
| Computing  | CS5234                               | Combinatorial and Graph Algorithms                   |
| Computing  | CS5236                               | Advanced Automata Theory                             |
| Computing  | CS5238                               | Advanced Combinatorial Methods                       |
| Computing  | CS5239                               | Computer System Performance Analysis                 |
| Computing  | CS5240                               | Theoretical Foundations in MultiMedia                |
| Computing  | CS5242                               | Neural Networks & Deep Learning                      |
| Computing  | CS5340                               | Uncertainty Modelling in AI                          |
| Computing  | CS6203                               | Advanced Topics in Database Systems                  |
| Computing  | CS6231                               | Topics in System Security                            |
| Computing  | CS6234                               | Advanced Algorithms                                  |
| Computing  | CS6244                               | Robot Motion Planning & Control                      |
| Computing  | CS6880                               | Advanced Topics in Software Engineering              |
| Computing  | IS1103                               | IS Innovations in Organisations and Society          |
| Computing  | IS3150                               | Digital Media Marketing                              |
| Computing  | IS3240                               | Economics of E-Business                              |
| Computing  | IS3261                               | Mobile Apps Development for Enterprise               |
| Computing  | IS4100                               | IT Project Management                                |
| Computing  | IS4204                               | IT Governance  |
| Computing  | IS4228                               | Information Technologies in Financial Services       |
| 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                                   |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title  |
|--|--------------------------------------|---|
| Computing  | IS5006                               | Intelligent System Deployment                       |
| Computing  | IS5007                               | Strategising for Global IT-enabled Business Success |
| Computing  | IS5117                               | Digital Government                                  |
| Computing  | IS5151                               | Information Security Policy an                      |
| 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   | AR2327                               | Architectural Tectonics                             |
| Design and Environment   | AR3101                               | Design 5  |
| Design and Environment   | AR3223                               | Introduction to Urbanism                            |
| Design and Environment   | AR3421                               | Introduction to Architectural Practice              |
| Design and Environment   | AR3721                               | Environmental Systems and Construction              |
| Design and Environment   | AR4101                               | Design 7  |
| Design and Environment   | AR5321                               | Innovation in Architecture                          |
| Design and Environment   | AR5322                               | Renewable Resources and Architecture                |
| Design and Environment   | AR5601                               | Urban Design Theory and Praxis                      |
| 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        |
| 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                      |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><i>Notes</i> | Module Title   |
|--|-----------------------------|--|
| Design and Environment   | LA4203                      | History and Theory of Landscape Architecture           |
| Design and Environment   | PF2201                      | Scope and Design Management                            |
| Design and Environment   | PF2205                      | Project Finance  |
| Design and Environment   | PF2501                      | Structural Systems                                     |
| 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   | PF3301                      | Maintainability of Facilities                          |
| Design and Environment   | PF3302                      | Energy Management                                      |
| Design and Environment   | PF4202                      | Safety, Health and Environmental Mgt                   |
| Design and Environment   | PF4206                      | Building Information Modelling                         |
| 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   | RE3101                      | ADVANCED REAL ESTATE VALUATION                         |
| Design and Environment   | RE3102                      | ADVANCED TOPICS IN URBAN PLANNING                      |
| Design and Environment   | RE3103                      | Real Estate Development                                |
| Design and Environment   | RE3104                      | Real Estate Investment Analysis                        |
| Design and Environment   | RE3107                      | REAL ESTATE PRACTICE AND ETHICS                        |
| 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   | RE4301                      | Housing Markets and Housing Policies                   |
| Design and Environment   | UD5221                      | Theory and Elements of Urban Design                    |
| Engineering  | BN2202                      | Introduction to Biotransport                           |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title   |
|--|--------------------------------------|--|
| Engineering  | BN3202                               | Musculoskeletal Biomechanics                         |
| Engineering  | BN3402                               | Bio-Analytical Methods In Bioengineering             |
| 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  | 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                       |
| Engineering  | CE5101                               | Seepage & Consolidation of Soils                     |
| Engineering  | CE5104                               | Underground Space                                    |
| Engineering  | CE5108                               | Earth Retaining Structures                           |
| Engineering  | CE5113                               | Geotechnical Investigation & Monitoring              |
| Engineering  | CE5203                               | Traffic Flow & Control                               |
| Engineering  | CE5205                               | Transportation Planning                              |
| Engineering  | CE5307                               | Wave Hydrodynamics                                   |
| Engineering  | CE5310                               | HYDROINFORMATICS                                     |
| Engineering  | CE5312                               | River Mechanics                                      |
| Engineering  | CE5509                               | Advanced Structural Steel Design                     |
| Engineering  | CE5510                               | Advanced Structural Concrete Design                  |
| Engineering  | CE5610                               | Assessment and Retrofit of Concrete Structures       |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><small>Notes</small> | Module Title   |
|--|-------------------------------------|--|
| Engineering  | CE5806                              | Construction Project and Site Control                |
| 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  | CN3421                              | Process Modeling And Numerical Simulation            |
| Engineering  | CN4203R                             | Polymer Engineering                                  |
| Engineering  | CN4215R                             | Food Technology and Engineering                      |
| Engineering  | CN4216R                             | Electronic Materials Science                         |
| Engineering  | CN4221R                             | Control of Industrial Processes                      |
| Engineering  | CN4240R                             | Unit Operations and Processes for Effluent Treatment |
| Engineering  | CN4246R                             | Chemical and Bio Catalysis                           |
| Engineering  | CN5191                              | Project Engineering                                  |
| Engineering  | EE2023                              | Signals and Systems                                  |
| Engineering  | EE2026                              | Digital Design                                       |
| Engineering  | EE2027                              | Electronic Circuits                                  |
| Engineering  | EE2028                              | Microcontroller Programming and Interfacing          |
| Engineering  | EE3031                              | Innovation & Enterprise I                            |
| Engineering  | EE3104C                             | Intro to RF and Microwave Sys & 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                              | HF Techniques  |
| Engineering  | EE4218                              | Embedded Hardware System Design                      |
| Engineering  | EE4305                              | Introduction To Fuzzy / Neural Systems               |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title                                 |
|--|--------------------------------------|--|
| Engineering  | EE4435                               | Modern Transistors and Memory Devices        |
| Engineering  | EE4501                               | Power System Management And Protection       |
| Engineering  | EE5101                               | LINEAR SYSTEMS                               |
| Engineering  | EE5103                               | Computer Control Systems                     |
| Engineering  | EE5137                               | Stochastic Processes                         |
| Engineering  | EE5303                               | MICROWAVE ELECTRONICS                        |
| Engineering  | EE5308                               | ANTENNA ENGINEERING                          |
| Engineering  | EE5310                               | Communication Networking Fundamentals        |
| Engineering  | EE5434                               | Microelectronic Processes and Integration    |
| Engineering  | EE5439                               | Micro/Nano Electromechanical Systems         |
| Engineering  | EE5502                               | MOS DEVICES                                  |
| Engineering  | EE5507                               | Analog Integrated Circuits Design            |
| Engineering  | EE5508                               | SEMICONDUCTOR FUNDAMENTALS                   |
| Engineering  | EE5702                               | ADVANCED POWER SYSTEM ANALYSIS               |
| Engineering  | EE5703                               | Industrial Drives                            |
| Engineering  | EE5831                               | Electromagnetic Wave Theory                  |
| Engineering  | EE5902                               | Multiprocessor Systems                       |
| Engineering  | EG1111                               | Engineering Principles and Practice I        |
| Engineering  | EG2311                               | Introduction to Space 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  | ESP3102                              | From Making Nano to Probing Nano             |
| Engineering  | IE2110                               | Operations Research I                        |
| Engineering  | IE3101                               | Statistics For Engineering Applications      |
| Engineering  | IE4221                               | Transportation Demand Modeling and Economics |
| Engineering  | ME2112                               | Strength of Materials                        |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title                             |
|--|--------------------------------------|--|
| Engineering  | ME2134                               | Fluid Mechanics I                        |
| Engineering  | ME2142                               | Feedback Control Systems                 |
| 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        |
| Engineering  | ME4226                               | Energy and Thermal Systems               |
| Engineering  | ME4233                               | Computational Methods In Fluid Mechanics |
| 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  | MLE4201                              | Advanced Materials Characterisation      |
| Engineering  | MLE4208                              | Photovoltaics Materials                  |
| Engineering  | MT3001                               | Systems Thinking and Engineering         |
| Engineering  | MT4002                               | Technology Management Strategy           |
| Engineering  | MT4003                               | Engineering Product Development          |
| Engineering  | OT5202                               | Analysis & Design of Offshore Structures |
| Engineering  | OT5207                               | Arctic Engineering                       |
| Engineering  | OT5401                               | Geoscience for Petroleum Exploration     |
| Engineering  | TP5025                               | Intelligent Transportation Systems       |

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|--|-------------------------------------|--|
| Engineering  | TP5027                              | Transport & Freight Terminal Management        |
| Law  | LL4002V                             | Admiralty Law & Practice                       |
| Law  | LL4008AV                            | Carriage of Goods By Sea                       |
| Law  | LL4009V                             | Chinese Legal Tradition And Legal Chinese      |
| Law  | LL4021V                             | Environmental Law                              |
| Law  | LL4022V                             | Globalization And International Law            |
| Law  | LL4029V                             | International Commercial Arbitration           |
| Law  | LL4030V                             | International Commercial Litigation            |
| Law  | LL4031V                             | International Environmental Law & Policy       |
| Law  | LL4032V                             | International Investment Law                   |
| Law  | LL4034V                             | International Regulation of Shipping           |
| Law  | LL4049V                             | Principles Of Conflict Of Laws                 |
| Law  | LL4050V                             | Public International Law                       |
| Law  | LL4056BV                            | Tax Planning And Policy                        |
| Law  | LL4060B                             | World Trade Law                                |
| Law  | LL4063V                             | Business & Finance For Lawyers                 |
| Law  | LL4067                              | Comparative Criminal Law                       |
| Law  | LL4069V                             | European Union Law                             |
| Law  | LL4074V                             | Mergers & Acquisitions (M&A)                   |
| Law  | LL4076V                             | IT Law I                                       |
| Law  | LL4089V                             | Chinese Corporate & Securities Law             |
| Law  | LL4100                              | Dispute Resolution in China                    |
| Law  | LL4102                              | ADVANCED TORTS                                 |
| Law  | LL4109V                             | International Law & Asia                       |
| Law  | LL4134V                             | Crossing Borders: Law, Migration & Citizenship |
| Law  | LL4148                              | Secured Transactions Law                       |
| Law  | LL4164V                             | International Projects Law & Practice          |
| Law  | LL4173V                             | Comparative Corporate Law                      |
| Law  | LL4185V                             | Government Regulations: Law, Policy & Practice |

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|--|-----------------------------|--|
| Law  | LL4190                      | Freedom Speech: Critical & Comparative Perspectives    |
| Law  | LL4197V                     | Comparative State and Religion in Southeast Asia       |
| Law  | LL4203                      | International Moots and Other Competitions             |
| Law  | LL4214                      | International and Comparative Oil and Gas Law          |
| Law  | LL4219                      | The Trial of Jesus in Western Legal Thought            |
| Law  | LL4226                      | Multimodal Transport Law                               |
| Law  | LL4263V                     | Intellectual Property Rights and Competition Policy    |
| Law  | LL4277V                     | Medical Law and Ethics                                 |
| Law  | LL4285V                     | International Dispute Settlement                       |
| Law  | LL4287V                     | ASEAN Law and Policy                                   |
| Law  | LL4289V                     | The Evolution of International Arbitration             |
| Law  | LL4290V                     | Legal Research: Method & Design                        |
| Law  | LL4316V                     | Restitution of Unjust Enrichment                       |
| Law  | LL4317V                     | International Arbitration in Asian Centres             |
| Law  | LL4322                      | Trade Finance Law                                      |
| Law  | LL4323V                     | Law of Agency  |
| Law  | LL4327V                     | Mergers and Acquisitions: A Practitioner's Perspective |
| Law  | LL4339                      | Comparative Evidence in International Arbitration      |
| Law  | LL4396                      | University Research Opportunities Program              |
| Law  | LL4397                      | University Research Opportunities Program              |
| Law  | LL4398                      | University Research Opportunities Program              |
| Law  | LL4403                      | Family Law   |
| Law  | LL4405A                     | LAW OF INTELLECTUAL PROPERTY (A)                       |
| Medicine   | LSM1106                     | Molecular Cell Biology                                 |
| Medicine   | LSM2211                     | Metabolism and Regulation                              |

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|--|--------------------------------------|--|
| Medicine   | LSM2212                              | Human Anatomy                                  |
| Medicine   | LSM2233                              | Cell Biology                                   |
| Medicine   | LSM3211                              | Fundamental Pharmacology                       |
| Medicine   | LSM3212                              | Human Physiology: Cardiopulmonary System       |
| Medicine   | LSM3217                              | Human Ageing                                   |
| Medicine   | LSM3223                              | Immunology                                     |
| Medicine   | LSM3231                              | Protein Structure and Function                 |
| Medicine   | LSM3235                              | Epigenetics in Human Health and Diseases       |
| Medicine   | LSM3245                              | RNA Biology and Technology                     |
| Medicine   | LSM3246                              | Synthetic Biology                              |
| Medicine   | LSM4211                              | Toxicology                                     |
| Medicine   | LSM4213                              | System Neurobiology                            |
| Medicine   | LSM4214                              | Cancer Pharmacology                            |
| Medicine   | LSM4216                              | Molecular Nutrition Science                    |
| Medicine   | LSM4221                              | Drug Discovery and Clinical Trials             |
| Medicine   | LSM4222                              | Advanced Immunology                            |
| Medicine   | LSM4223                              | Advances in Antimicrobial Strategies           |
| Medicine   | LSM4226                              | Infection and Immunity                         |
| Medicine   | LSM4232                              | Advanced Cell Biology                          |
| Medicine   | LSM4243                              | Tumour Biology                                 |
| Medicine   | LSM4245                              | Epigenetics and Chromatin Biology              |
| Public Health  | GEH1049                              | Public Health in Action                        |
| Public Health  | SPH2101                              | Public Health and Epidemiology                 |
| Public Health  | SPH2102                              | Lifestyle, Behaviour & Public                  |
| Public Health  | SPH2105                              | Introduction to Global Health                  |
| Public Health  | SPH2106                              | Health in the Later Years                      |
| Public Health  | SPH3101                              | Biostatistics for Public Health                |
| Public Health  | SPH3103                              | Public Health Economics                        |
| Public Policy  | PP5144                               | Games and decisions for public managers        |
| Public Policy  | PP5156                               | Moral Reasoning in the Policy Process          |
| Public Policy  | PP5164                               | International Conflict Analysis and Resolution |

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|--|--------------------------------------|---|
| Public Policy  | PP5168                               | Public Service Leadership                             |
| Public Policy  | PP5178                               | Leadership and Decision-making Skills                 |
| 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  | PP5198                               | Chinese Political Leadership and Economic Development |
| Public Policy  | PP5199                               | The Economics of Corruption in Growth and Development |
| Public Policy  | PP5203                               | Behavioral Economics and Public Policy                |
| Public Policy  | PP5212                               | Financial Issues, Trade and Investment in Asia        |
| Public Policy  | PP5216                               | Economic Growth in Developing Asia                    |
| Public Policy  | PP5267                               | URBAN TRANSPORT POLICY: A GLOBAL VIEW                 |
| Public Policy  | PP5269                               | Environmental Economics and Public Policy             |
| Public Policy  | PP5298                               | Singapore's Development Experience                    |
| Science  | CM1121                               | Inorganic Chemistry 1                                 |
| Science  | CM2101                               | Physical Chemistry 1                                  |
| Science  | CM3201                               | Fundamentals of Chemistry                             |
| Science  | CM3222                               | Inorganic Chemistry 2                                 |
| Science  | CM3225                               | Organic Chemistry 2                                   |
| Science  | CM3232                               | Transition Metal Chemistry                            |
| Science  | CM3251                               | Organic Synthesis: The Disconnection Approach         |
| Science  | CM3253                               | Quantum Chem & Molecular Thermodynamics               |
| Science  | CM3296                               | Instrumental Analysis II                              |
| Science  | CM4212                               | Polymer Chemistry 1                                   |
| Science  | CM4214                               | Environmental Chemistry                               |
| Science  | CM4228                               | Organic Spectroscopy                                  |
| Science  | CM4241                               | Chemical Biology                                      |
| Science  | CM4252                               | Advanced Analytical Techniques                        |
| Science  | CM4253                               | Characterization Techniques                           |

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|--|--------------------------------------|--|
| Science  | CM4271                               | Chemistry of Semiconductors                        |
| Science  | CM4282                               | Sustainable & Green Chemistry                      |
| Science  | CM5212                               | The Art and Methodology in T.S                     |
| Science  | CM5225                               | Contemporary Organometallic Chemistry              |
| Science  | CM5244                               | ADVANCED ORGANIC SYNTHESIS                         |
| Science  | CM5245                               | Emerging Concepts in Drug Disc                     |
| Science  | CM5262                               | Advanced Optical Spectroscopy                      |
| Science  | DSA2101                              | Essential Data Analytics Tools: Data Visualisation |
| Science  | DSA4211                              | High-Dimensional Statistical                       |
| Science  | FST2106                              | Post-Harvest Food Processing                       |
| Science  | FST2107                              | Food Analysis and Lab                              |
| Science  | FST2108                              | Food Safety Assurance                              |
| Science  | FST2201                              | Introduction to Human Nutrition                    |
| Science  | FST4102                              | Advanced Food Processing Technology                |
| Science  | FST4103                              | Food Colloids and Components Science               |
| Science  | FST5202                              | Advanced Food Fermentation                         |
| Science  | FST5203                              | Advanced Food Microbiology and Safety              |
| Science  | FST5226                              | Advanced Current Topics in Food Science II         |
| Science  | FST5301                              | Evidence Based Functional Foods                    |
| Science  | FST5303                              | Modern Human Nutrition                             |
| 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  | GEH1019                              | Food & Health                                      |
| Science  | GET1020                              | Darwin and Evolution                               |
| Science  | GET1042                              | Sky and Telescopes                                 |
| Science  | GET1043                              | Universe, Big Bang, and Unsolved Mysteries         |
| Science  | LSM1102                              | Molecular Genetics                                 |
| Science  | LSM1105                              | Evolutionary Biology                               |

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| Faculty/Schools/Programmes/Residential Colleges/Teaching Units | Module Code<br><a href="#">Notes</a> | Module Title                               |
|--|--------------------------------------|--|
| Science  | LSM2231                              | General Physiology                         |
| Science  | LSM2232                              | Genes, Genomes and Biomedical Implications |
| Science  | LSM2241                              | Introductory Bioinformatics                |
| Science  | LSM2251                              | Ecology and Environment                    |
| Science  | LSM2252                              | Biodiversity                               |
| Science  | LSM3233                              | Developmental 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  | LSM4227                              | Stem Cell Biology                          |
| Science  | LSM4242                              | Protein Engineering                        |
| Science  | LSM4251                              | Plant Growth and Development               |
| Science  | LSM4255                              | Methods in Mathematical Biology            |
| 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  | MA2101                               | Linear Algebra II                          |
| Science  | MA2104                               | Multivariable Calculus                     |
| Science  | MA2108                               | Mathematical Analysis I                    |
| Science  | MA2202                               | Algebra I                                  |
| Science  | MA2202S                              | Algebra I (S)                              |
| 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                         |

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|--|--------------------------------------|---|
| 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                          |
| Science  | MA4235                               | Topics in Graph Theory                      |
| Science  | MA4247                               | Complex Analysis II                         |
| Science  | MA4252                               | Advanced Ordinary Differential Equations    |
| 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  | MA5209                               | Algebraic Topology                          |
| Science  | MA5211                               | Lie Theory                                  |
| Science  | MA5217                               | Graduate Complex Analysis                   |
| Science  | MA5219                               | Logic and Foundation of Mathematics I       |
| Science  | MA5233                               | Computational Mathematics                   |
| Science  | MA5241                               | COMPUTATIONAL HARMONIC ANALYSIS             |
| Science  | MA5243                               | Advanced Mathematical Programming           |
| Science  | MA5248                               | Stochastic Analysis in Mathematical Finance |
| Science  | PC1141                               | Introduction to Classical Mechanics         |
| Science  | PC1142                               | Introduction to Thermodynamics and Optics   |
| Science  | PC1221                               | Fundamentals of Physics I                   |

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|--|-----------------------------|--|
| Science  | PC1222                      | Fundamentals of Physics II                   |
| Science  | PC1421                      | Physics for Life Sciences                    |
| Science  | PC1431                      | Physics IE                                   |
| Science  | PC1432                      | Physics IIE                                  |
| 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                   |
| Science  | PC3232                      | Nuclear & Particle Physics                   |
| Science  | PC3235                      | Solid State Physics I                        |
| Science  | PC3247                      | Modern Optics                                |
| Science  | PC3274                      | Mathematical Methods in Physics II           |
| Science  | PC4230                      | Quantum Mechanics III                        |
| Science  | PC4236                      | Computational Condensed Matter Physics       |
| Science  | PC4240                      | Solid State Physics II                       |
| Science  | PC4241                      | Statistical Mechanics                        |
| Science  | PC4246                      | Quantum Optics                               |
| Science  | PC4248                      | General Relativity                           |
| Science  | PC4249                      | Astrophysics II                              |
| Science  | PC4259                      | Surface Physics                              |
| Science  | PC4267                      | Biophysics III                               |
| Science  | PC5204                      | SPECIAL TOPICS IN PHYSICS                    |
| Science  | PC5206                      | Selected Topics in Quantum Field Theory      |
| Science  | PC5209                      | Accelerator Based Materials Characterisation |
| Science  | PC5215                      | NUMERICAL RECIPES WITH APPLICATIONS          |
| Science  | PC5228                      | Quantum Information and Computation          |
| Science  | PR1301                      | Complementary Medicine and Health            |

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| <b>Faculty/Schools/Programmes/Residential Colleges/Teaching Units</b> | <b>Module Code</b><br><a href="#">Notes</a> | <b>Module Title</b>                           |
|---|---|---|
| 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                  |
| 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          |

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