

STUDY ABROAD UNITS (SUBJECTS)

Postgraduate 2020

Semester 1: February to June

Semester 2: July to November

Please note that some units may not be available for exchange and study abroad students. Units will be assessed at time of application.

ARTS AND HUMANITIES

		Semester 1	Semester 2
JOURNALISM			
JOU60004	Video Production Practice	February	
PHILOSOPHY			
PHI60001	Critical Thinking	February	July

BUSINESS

		Semester 1	Semester 2
ACCOUNTING			
ACC80003	Company Auditing	February	July
ACC80005	Financial Accounting theory	February	July
ACC80006	Financial Reporting	February	July
ACC80008	Managerial Accounting	February	July
ACC80011	Strategic Cost Management	February	July
ACC80012	Taxation Principles and Planning	February	July
ACC80019	Financial Accounting and Theory		July
ADVERTISING			
ADV80001	Advertising in the 21st Century		July
BUSINESS STRATEGY			
BUS80017	Quantitative Research Methods	February	July
BUS80018	Qualitative Research Methods		July
BUS80019	Professional Masters Career Management		July
ECONOMICS			
ECO80001	Economics	February	July
ENTREPRENEURSHIP			
ENT60006	Opportunity Discovery	February	July

FINANCE			
FIN60003	Business Modelling and Analysis	February	July
FIN80001	Advanced Financial Management	February	July
FIN80002	Business and Entity Valuations	February	July
FIN80004	Capital Markets	February	July
FIN80005	Corporate Financial Management	February	July
FIN80010	Management of Financial Institutions	February	July
FIN80016	International Finance	February	July
FIN80018	Derivatives and Risk Management	February	July
FIN80019	Portfolio Management	February	July
FIN80020	Financial Planning	February	July
HUMAN RESOURCE MANAGEMENT			
HRM60013	Employee Relations	February	
HRM60016	Behaviour in Organisations	February	July
HRM70013	Strategic Human Resource Management		July
HRM80015	Human Capital Analytics	February	
INTERNATIONAL BUSINESS			
INB60003	International Trade & Investment	February	July
INB60004	Global Business Cultures: Advanced Theories and Practices		July
BUSINESS INFORMATION SYSTEMS			
INF60007	Introduction to Business Information Systems	February	July
INF60009	Database, Analysis and Design	February	July
INF60010	Requirements Analysis and Modelling	February	July
INF60012	Enterprise Systems		July
INF60013	Mobile Business and Social Media		July
INF60014	Database Systems		July
INF70005	Strategic Project Management	February	July
INF80001	Advanced Business Analysis	February	
INF80003	IS/IT Research Project	February	July
INF80005	Business Information Systems Internship Project	February	July
INF80006	Business Analysis Practice		July
INF80014	Contemporary Issues in Business Analysis		July
INF80018	Enterprise Architecture, Strategy and Governance	February	July
INF80024	Managing the IT Capability	February	
INF80025	Business Information Systems Analysis	February	July
INF80028	Business Process Management		July
INF80031	Business Intelligence and Data Visualisation	February	
INF80033	Database Implementation	February	
INF80040	Knowledge Management and Analytics		July
INF80042	Technology Essentials for Managers	February	July
INF80043	IS/IT Risk Management	February	July
LAW			
LAW60003	Corporations and Contract Law	February	July
MANAGEMENT			
ORG80008	Leadership for Innovation	February	

MGT60031	Managing in A Complex World	February	
MARKETING			
MKT60010	Marketing Management		July
MKT60012	Consumer Behaviour	February	
MKT80010	Marketing Strategy and Planning	February	
PROJECT MANAGEMENT			
PRM60002	Project Management for Business Development	February	July
PRM60003	The Risk Management Spectrum	February	July
PRM70002	Leading Complex Projects	February	
PRM80001	Enterprise Project		July
PRM80002	Project Governance and Resource Management		July
PUBLIC RELATIONS			
PUB60001	Public Relations: Reputation to Risk	February	
RISK MANAGEMENT			
RSK80003	Risk Perception and Analysis	February	
RSK80004	Introduction to Risk and Due Diligence	February	
RSK80006	Risk Management		July
SUPPLY CHAIN MANAGEMENT			
SCM60001	Operations Management	February	July
ENTREPRENEURSHIP			
ENT60006	Opportunity Discovery	February	
ORGANISATIONAL BUSINESS			
ORG80008	Leadership for Innovation	February	July

DESIGN

		Semester 1	Semester 2
DDD60001	Inclusive and Participatory Design	February	
DDD60002	Integrative Design Studio	February	
DDD60003	Digital Sketching and Ideation	February	
DDD60004	CAD for Products and Interiors	February	
DDD60005	Animation and Motion Graphics	February	
DDD60006	3D Scanning and Printing	February	July
DDD60007	Interaction Design and Development for Screens		July
DDD60008	Visualisation and Presentation Techniques		July
DDD70002	Cross-Cultural Social Design Strategy		July
DDD70014	Eco-Design Studio		July
DDD70015	Design Management	February	
DDD70016	Creative Entrepreneurship		July
DDD70017	Sustainable Systems Design	February	
DDD70018	Design Leadership	February	
DDD80012	DFM Toolbox: Innovation and Interdisciplinary Collaboration 1	February	
DDD80013	DFM Practice: Innovation & Interdisciplinary Collaboration 2		July

DDD80015	Integrative Capstone Studio 1	February	
DDD80016	Integrative Capstone Studio 2		July
DDD80017	Design Futures		July
DDD80018	Strategic Design Practice		July
DDD80019	Design Strategy Capstone Project	February	
DDD80020	DFM: Global Innovation & Interdisciplinary Collaboration 1		July
DDD80021	DFM: Global Innovation & Interdisciplinary Collaboration 2	February	
DDD80023	Interdisciplinary Research Practices for Design & Innovation		July

EDUCATION

		Semester 1	Semester 2
EDU60001	Nature of Learning and Teaching	February	July
EDU60002	Digital Learning Environments		July
EDU60003	Curriculum Design and Assessment	February	July
EDU60014	Design and Delivery for Online Learning	February	

ENGINEERING

		Semester 1	Semester 2
ENG80001	Engineering Master Thesis	February	July
ENG80002	Engineering Master Major Thesis	February	July
ADVANCED MANUFACTORY TECHNOLOGY			
ADM80001	Nanofabrication Technologies	February	
ADM80002	Work Systems in Manufacturing		July
ADM80004	Sustainable Design and Manufacture		July
ADM80006	Additive Manufacturing and Tooling		July
ADM80007	Surface Engineering	February	
ADM80010	Advanced CAD/CAM	February	
ADM80011	Robotics in Manufacturing	February	
ADM80012	Technology Management	February	
ADM80013	Advanced Manufacturing Processes	February	
ADM80014	Intelligent Inspection Systems		July
ADM80015	Computer Modelling, Analysis and Visualisation		July
ADM80016	Masters Project	February	July
ADM80017	Master's Thesis	February	July
CIVIL AND CONSTRUCTION ENGINEERING			
CSM80001	Project Costing		July
CSM80002	Environmental Sustainability in Construction	February	July
CSM80003	Construction Law	February	

CSM80006	Engineering Project Management		July
CSM80007	Construction Site Operations	February	
CSM80009	Procurement and Risk Management in Projects		July
CIVIL ENGINEERING			
CVE80001	Research Paper	February	July
CVE80003	Transport Planning, Modelling and Economics	February	
CVE80004	Advanced Concrete Design	February	
CVE80005	Strengthening and Monitoring of Structures		July
CVE80006	Infrastructure Deterioration Modelling	February	
CVE80007	Geotechnical Design		July
CVE80008	Building Design		July
CVE80009	Integrated Water Design		July
CVE80010	Principles of Sustainability	February	July
CVE80016	Major Research Project	February	July
CVE80017	Research Project	February	July
CVE80018	Finite Element Methods and Applications	February	
CVE80019	Structural Dynamics and Earthquake Engineering		July
CVE80020	Bridge Design	February	
ELECTRICAL AND ELECTRONIC ENGINEERING			
EEE80002	HDL and High Level Synthesis	February	
EEE80003	VLSI Digital Signal Processing Systems		July
EEE80004	RF Circuit Design Techniques		July
EEE80006	Linear Systems	February	
EEE80007	Electrical Power Systems Safety	February	
EEE80008	Coding and Compression Algorithms		July
EEE80010	Operation of Power Systems		July
EEE80012	Analysis Techniques for Large Scale Power Systems		July
EEE80015	Renewable Energy	February	
EEE80017	Minor Project	February	July
EEE80018	Major Research Project	February	July
EEE80020	Design of Smart Power Grids		July
ENGINEERING MANAGEMENT			
MME80001	Resource Planning and Management	February	
MME80003	Maintenance Management of Engineering Assets	February	
MECHANICAL ENGINEERING			
MEE80001	Fluid Waves	February	
MEE80003	Introduction to Industry 4.0	February	
MEDICAL ENGINEERING			
MEE80002	Sustainability and Life Cycle Engineering		July

HEALTH

		Semester 1	Semester 2
PUBLIC HEALTH			
PEH60001	Communicable Disease Control		July

INFORMATION TECHNOLOGY

		Semester 1	Semester 2
COMPUTER SCIENCE			
COS60004	Creating Web Applications	February	July
COS60006	Introduction to Programming	February	July
COS60007	Creating Web Applications and Databases	February	July
COS60008	Introduction to Data Science	February	July
COS60009	Data Management for the Big Data Age	February	July
COS70004	User-Centred Design	February	July
COS70006	Object-Oriented Programming	February	July
COS70007	Data Communications and Security	February	
COS80001	Software Development for Cloud Computing		July
COS80002	Human-Computer Interaction	February	
COS80007	Advanced Java		July
COS80010	Software Testing Processes & Automation	February	
COS80011	Web Application Architectures	February	
COS80013	Internet Security	February	July
COS80019	Software Development for Mobile Devices		July
COS80020	Creating Data Driven Mobile Applications	February	
COS80021	Web Application Development	February	
COS80022	High-Performance Computing		July
COS80023	Big Data		July
COS80024	Data Science Project 1	February	July
COS80025	Data Visualisation	February	July
COS80026	Data Science Project 2		July
CYBERSECURITY			
CYB70001	Cyber-Ethics	February	
CYB80001	System Security Project	February	July
CYB80002	Operating System Cybersecurity		July
CYB80007	Glass Box Project		July
ICT			
ICT60001	Operating System Management		July
ICT70006	e-Forensic Fundamentals	February	
ICT80004	Internship Project	February	July
ICT80007	Research Paper	February	July
ICT80008	Professional Issues in IT	February	July
ICT80011	Research Methods	February	July
ICT90003	Applied Research Methods	February	July

ICT90004	Applied Research Project	February	July
SOFTWARE DEVELOPMENT AND ENGINEERING			
SWE80003	Software Testing and Reliability		July
SWE80005	Enterprise Development	February	
TELECOMMUNICATIONS AND NETWORK ENGINEERING			
TNE60002	Network Administration	February	July
TNE60003	Introduction to Network Programming	February	July
TNE60005	Wireless Communication Techniques	February	
TNE60006	Networks and Switching	February	July
TNE70003	Network Routing Principles	February	July
TNE80001	Design and Management of Networks		July
TNE80003	Broadband Multimedia Networks	February	
TNE80005	Mobile and Personal Networking		July
TNE80006	Secure Networks	February	July
TNE80007	Enterprise Network Server Administration	February	July
TNE80008	Advanced Routing	February	July
TNE80009	Advanced Security	February	
TNE80010	Advanced Switching	February	July
TNE80011	Secure Remote Access Networks	February	July
TNE80013	Troubleshooting IP Networks		July
TNE80014	Unix for Telecommunications	February	July
TNE80015	Internet for Things (I4T)	February	

MEDIA AND COMMUNICATION

		Semester 1	Semester 2
COM60002	Communications Management	February	
MEDIA STUDIES			
MDA60002	Multiplatform Media Production & Practice		July
MDA60008	Media Industries	February	
MDA60009	Social Media Management Project		July
MDA60021	Media Ecologies	February	
MDA60022	Audio and Broadcasting Practice	February	
MDA70001	Writing for Social and Mobile Media		July
MDA70003	Engaging Audiences		July
MDA70004	Social Media Analytics		July
MDA70005	Digital Cultures: Aesthetics, Markets, Industries		July
MDA70006	Advanced Video Production and Practice	February	
MDA70007	Advanced Audio and Broadcasting Practice	February	
MDA80006	Media Industry Experience		July
MDA80007	Social Media Branding and Engagement		July
MDA80009	Data Research and Visualisation	February	
MDA80010	Immersive Media Experience		July
PUBLIC RELATIONS			

PUB60001	Public Relations: Reputation to Risk	February	
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SCIENCE

		Semester 1	Semester 2
NPS60001	Research Skills	February	
BIOLOGY			
BIO60001	Microbes in the Environment		July
BIO60002	The Microbial World	February	
BIO60003	Concepts of Biotechnology	February	July
BIO60005	Biotechnology of Genes and Proteins		July
BIO60006	Environmental Biotechnology	February	
BIO60007	Biotechnology		July
BIO70001	Applications of Bioinformatics	February	July
BIO70003	Minor Research Project	February	July
BIO80001	Advanced Topics in Biotechnology	February	
BIO80003	Major Research Project	February	July
BIO80004	Advanced Topics in Biotechnology II		July
BIO80005	Research Methods in Science		July
BIOCHEMISTRY			
BCH80001	Advanced Biochemistry	February	
CHEMISTRY			
CHE60001	Forensic and Analytical Science	February	
ENVIRONMENTAL			
ENV60001	Environmental Management	February	July
MATHEMATICS			
MTH80001	Stochastic Modelling and Survival Analysis		July
PSYCHOLOGY			
PSC60004	Ethics and Cultural Diversity for Counsellors	February	