

List of MOOCs Pre-Approved for Credit Transfer

as at 14 Jul 2020

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Note: Students in the Renaissance Engineering Programme should approach the programme office to check for the pre-approved MOOC that they can reach

Students in the College of Business (Nanyang Business School)

Platform	Course Title	Content Developer	Free in Coursera until Oct 2020	Equivalent AU	Course Type
edX	A hands-on introduction to engineering simulations	Cornell		3	GER PE (STS) / UE
Coursera	Accounting Analytics	University of Pennsylvania		1	UE
edX	Ancient Masterpieces of World Literature	Harvard		3	GER PE (LA) / UE
edX	Big Data and Education	University of Pennsylvania		3	GERPE (STS) / UE
FutureLearn	Big Data: Measuring And Predicting Human Behaviour	The University of Warwick		3	GERPE (STS) / UE
edX	Bitcoin and Cryptocurrencies	Berkeley		1	UE
edX	Blockchain Technology	Berkeley		1	UE
edX	Circular Economy: An Introduction	Delft University of Technology		3	GERPE (STS) / UE
edX	CS50's Introduction to Computer Science	Harvard University		3	GERPE (STS) / UE
edX	Data Analysis in Social Science—Assessing Your Knowledge	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
edX	Energy Within Environmental Constraints	Harvard		3	GERPE (STS) / UE
Coursera	Energy, Environment, and Everyday Life	University of Illinois at Urbana-Champaign	Y	3	GERPE (STS) / UE
Coursera	Gamification	University of Pennsylvania		3	GERPE (STS) / UE
Coursera	Global Warming I: The Science and Modeling of Climate Change	University of Chicago	Y	3	GER-PE (STS)/UE
edX	Global warming science	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
Coursera	Innovation: From Creativity to Entrepreneurship Specialization	University of Illinois at Urbana-Champaign	Y	3	UE
Coursera	Internet of Things: How did we get here?	UC San Diego	Y	1	UE
Coursera	Introduction to Accounting Data Analytics and Visualization	UIUC	Y	3	UE
Coursera	Introduction to Big Data (1 of 6 courses of Big Data Specialisation)	UC San Diego	Y	1	UE
Coursera	Introduction to Climate Change and Health	Yale University	Y	1	UE
Coursera	Introduction to Mathematical Thinking	Stanford University		3	GERPE (STS) / UE
Coursera	Introduction to Sustainability	University of Illinois at Urbana-Champaign	Y	3	GERPE (STS) / UE
edX	Justice	Harvard University		3	GER PE (LA) / UE
Coursera	Moral Foundations of Politics	Yale University	Y	3	GER PE (LA) / UE
Coursera	Our Energy Future	UC San Diego	Y	3	GER-PE (STS)/UE
Coursera	Planet Earthand you!	University of Illinois at Urbana-Champaign	Y	3	GER-PE (STS)/UE
edX	The Climate-Energy Challenge	Harvard		3	GERPE (STS) / UE
edX	The Quantum Internet and Quantum Computers: How Will They Change the World?	Delft		1	UE
Coursera	The Science of Well-Being	Yale University	Y	1	UE
Coursera	Transmission electron microscopy for materials science	EPFL	Y	3	GERPE (STS) / UE
edX	Tropical coastal ecosystems	The University of Queensland		3	GERPE (STS) / UE
Coursera	Understanding Einstein	Stanford University		3	GER PE (LA) / UE
Coursera	Understanding Russians: Contexts of Intercultural Communication	National Research University Higher School of Economics	Y	3	GER PE (LA) / UE

Note: The course type GER-PE (STS) for NBS students is only applicable to those admitted in AY17 and earlier.

Students in the School of Chemical and Biomedical Engineering

Platform	Course Title	Content Developer	Free in Coursera until Oct 2020	Equivalent AU	Course Type
Coursera	Algorithms for DNA Sequencing	Johns Hopkins	Y	1	UE
edX	Bioethics: The Law, Medicine, and Ethics of Reproductive Technologies and Genetics	Harvard University		1	UE
edX	Bitcoin and Cryptocurrencies	Berkeley		1	UE
edX	Blockchain Technology	Berkeley		1	UE
Coursera	Circular Economy - Sustainable Materials Management	Lund University	Y	2	UE
edX	Circular Economy: An Introduction	Delft University of Technology		3	UE
edX	Computing in Python I: Fundamentals and Procedural Programming	Georgia Institute of Technology		1	UE
edX	Computing in Python II: Control Structures	Georgia Institute of Technology		1	UE
edX	Computing in Python III: Data Structures	Georgia Institute of Technology		1	UE
edX	Computing in Python IV: Objects & Algorithms	Georgia Institute of Technology		1	UE
edX	CS50's Introduction to Computer Science	Harvard University		3	UE
edX	Data Analysis in Social Science—Assessing Your Knowledge	Massachusetts Institute of Technology (MIT)		3	UE
Coursera	Drug Commercialization	UC San Diego	Y	1	UE
Coursera	Energy, Environment, and Everyday Life	University of Illinois at Urbana-Champaign	Y	3	UE
Coursera	Feeding the World	University of Pennsylvania		1	UE
Coursera	Fundamentals of GIS	University of California Davis		2	UE
Coursera	Global Trends for Business and Society	University of Pennsylvania		1	UE
Coursera	Global Warming I: The Science and Modeling of Climate Change	University of Chicago	Y	3	UE
edX	Global warming science	Massachusetts Institute of Technology (MIT)		3	UE
Coursera	Innovation: From Creativity to Entrepreneurship Specialization	University of Illinois at Urbana-Champaign	Y	3	UE
Coursera	Internet of Things: How did we get here?	UC San Diego	Y	1	UE
Coursera	Introduction to Accounting Data Analytics and Visualization	UIUC	Y	3	UE
edX	Introduction to Animal Ethics	Kyoto University		1	UE
Coursera	Introduction to Big Data (1 of 6 courses of Big Data Specialisation)	UC San Diego	Y	1	UE
Coursera	Introduction to Climate Change and Health	Yale University	Y	1	UE
edX	Introduction to Computer Science and Programming Using Python	Massachusetts Institute of Technology (MIT)		3	UE
Coursera	Introduction to Genomic Technologies	Johns Hopkins	Y	1	UE
Coursera	Introduction to Mathematical Thinking	Stanford University		3	UE
Coursera	Introduction to Sustainability	University of Illinois at Urbana-Champaign	Y	3	UE
edX	Launching Innovation in Schools	MIT & Microsoft		3	UE
Coursera	Machine Learning	Stanford		3	GER PE (STS) / UE
Coursera	Nanotechnology: A Maker's Course	Duke University	Y	1	UE
Coursera	Our Energy Future	UC San Diego	Y	3	UE
Coursera	Planet Earthand you!	University of Illinois at Urbana-Champaign	Y	3	UE
Coursera	Social Entrepreneurship	University of Pennsylvania		1	UE
Coursera	The 3D Printing Revolution	UIUC	Y	1	UE
edX	The Analytics Edge	Massachusetts Institute of Technology (MIT)		3	UE
edX	The Quantum Internet and Quantum Computers: How Will They Change the World?	Delft		1	UE
Coursera	The Science of Well-Being	Yale University	Y	1	GER PE (LA) / UE
Coursera	Ubiquitous Learning and Instructional Technologies	University of Illinois at Urbana-Champaign	Y	1	UE

Students in the School of Civil and Environmental Engineering

Platform	Course Title	Content Developer	Free in Coursera until Oct 2020	Equivalent AU	Course Type
edX	A hands-on introduction to engineering simulations	Cornell		3	GER PE (STS)
edX	Circular Economy: An Introduction	Delft University of Technology		3	GER PE (BM)
Coursera	Fundamentals of GIS	University of California Davis		2	UE
Coursera	Global Warming I: The Science and Modeling of Climate Change	University of Chicago	Y	3	GER PE (STS) / UE
edX	Global warming science	Massachusetts Institute of Technology (MIT)		3	GER PE (STS) / UE
Coursera	Internet of Things: How did we get here?	UC San Diego	Y	1	UE
Coursera	Introduction to Big Data (1 of 6 courses of Big Data Specialisation)	UC San Diego	Y	1	UE
Coursera	Introduction to Climate Change and Health	Yale University	Y	1	UE
Coursera	Introduction to Mathematical Thinking	Stanford University		3	GER PE (STS)

Coursera	Machine Learning	Stanford		3	GER PE (STS) / UE
Coursera	Our Energy Future	UC San Diego	Y	3	GER PE (STS) / UE
Coursera	Planet Earthand you!	University of Illinois at Urbana-Champaign	Y	3	UE
edX	The Quantum Internet and Quantum Computers: How Will They Change the World?	Delft		1	UE
Coursera	The Science of Well-Being	Yale University	Y	1	GER PE (LA) / UE

Students in the School of Computer Science and Engineering

Platform	Course Title	Content Developer	Free in Coursera until Oct 2020	Equivalent AU	Course Type
Coursera	Fundamentals of GIS	University of California Davis		2	UE
Coursera	Introduction to Climate Change and Health	Yale University	Y	1	UE
Coursera	Planet Earthand you!	University of Illinois at Urbana-Champaign	Y	3	UE
Coursera	The Science of Well-Being	Yale University	Y	1	GER PE (LA) / UE
edX	The Quantum Internet and Quantum Computers: How Will They Change the World?	Delft		1	UE
FutureLearn	Big Data: Measuring And Predicting Human Behaviour	The University of Warwick		3	UE
Coursera	Circular Economy - Sustainable Materials Management	Lund University	Y	2	UE
edX	Circular Economy: An Introduction	Delft University of Technology		3	GERPE (BM) / UE
Coursera	GIS Data Acquisition and Map Design	University of Toronto	Y	1	UE
Coursera	Introduction to Accounting Data Analytics and Visualization	UIUC	Y	3	UE

Students in the School of Electrical and Electronic Engineering

Platform	Course Title	Content Developer	Free in Coursera until Oct 2020	Equivalent AU	Course Type
Coursera	Accounting Analytics	University of Pennsylvania		1	UE
Coursera	Algorithms for DNA Sequencing	Johns Hopkins	Y	1	UE
Coursera	Applied Social Network Analysis in Python	University of Michigan	Y	1	UE
edX	Bitcoin and Cryptocurrencies	Berkeley		1	UE
edX	Blockchain Technology	Berkeley		1	UE
Coursera	Circular Economy - Sustainable Materials Management	Lund University	Y	2	UE
edX	Data Analysis in Social Science—Assessing Your Knowledge	Massachusetts Institute of Technology (MIT)		3	UE
Coursera	Fundamentals of GIS	University of California Davis		2	UE
Coursera	GIS Data Acquisition and Map Design	University of Toronto	Y	1	UE
Coursera	Internet of Things: How did we get here?	UC San Diego	Y	1	UE
Coursera	Introduction to Accounting Data Analytics and Visualization	UIUC	Y	3	UE
Coursera	Introduction to Climate Change and Health	Yale University	Y	1	UE
Coursera	Introduction to Genomic Technologies	Johns Hopkins	Y	1	UE
Coursera	Materials Data Science and Informatics	Georgia Tech	Y	1	UE
Coursera	Nanotechnology: A Maker's Course	Duke University	Y	1	UE
Coursera	Physics of silicon solar cells	Ecole Polytechnique	Y	2	UE
Coursera	Planet Earthand you!	University of Illinois at Urbana-Champaign	Y	3	UE
Coursera	Silicon Thin Film Solar Cells	Ecole Polytechnique	Y	1	UE
edX	The Quantum Internet and Quantum Computers: How Will They Change the World?	Delft		1	UE
Coursera	The Science of Well-Being	Yale University	Y	1	GER PE (LA) / UE
Coursera	Transmission electron microscopy for materials science	EPFL	Y	3	UE

Students in the School of Materials Science and Engineering

Platform	Course Title	Content Developer	Free in Coursera until Oct 2020	Equivalent AU	Course Type
Coursera	Circular Economy - Sustainable Materials Management	Lund University	Y	2	UE
Coursera	Fundamentals of GIS	University of California Davis		2	UE
Coursera	Internet of Things: How did we get here?	UC San Diego	Y	1	UE
Coursera	Introduction to Climate Change and Health	Yale University	Y	1	UE
Coursera	Introduction to High-Throughput Materials Development	Georgia Tech	Y	1	MPE
Coursera	Machine Learning	Stanford		3	GER PE (STS) / UE
Coursera	Materials Data Science and Informatics	Georgia Tech	Y	1	MPE
Coursera	Nanotechnology: A Maker's Course	Duke University	Y	1	UE
Coursera	Physics of silicon solar cells	Ecole Polytechnique	Y	2	UE
Coursera	Planet Earthand you!	University of Illinois at Urbana-Champaign	Y	3	UE
edX	Principle of Semiconductor Devices Part I: Semiconductors, PN Junctions and Bipolar Junction Transistors	HKUST		2	MPE

Coursera	Silicon Thin Film Solar Cells	Ecole Polytechnique	Y	1	UE
Coursera	The 3D Printing Revolution	UIUC	Y	1	UE
Coursera	The Science of Well-Being	Yale University	Y	1	GER PE (LA) / UE
Coursera	Transmission electron microscopy for materials science	EPFL	Y	3	MPE

Students in the School of Mechanical and Aerospace Engineering

Platform	Course Title	Content Developer	Free in Coursera until Oct 2020	Equivalent AU	Course Type
Coursera	Applied Social Network Analysis in Python	University of Michigan	Y	1	GERPE (STS) / UE
edX	Bitcoin and Cryptocurrencies	Berkeley		1	UE
edX	Blockchain Technology	Berkeley		1	UE
edX	Circular Economy: An Introduction	Delft University of Technology		3	GERPE (BM) / UE
edX	Data Analysis in Social Science—Assessing Your Knowledge	Massachusetts Institute of Technology (MIT)		3	GER PE (STS) / UE
Coursera	Fundamentals of GIS	University of California Davis		2	UE
Coursera	Global Warming I: The Science and Modeling of Climate Change	University of Chicago	Y	3	GER PE (STS) / UE
Coursera	Innovation: From Creativity to Entrepreneurship Specialization	University of Illinois at Urbana-Champaign	Y	3	UE
Coursera	Introduction to Climate Change and Health	Yale University	Y	1	UE
Coursera	Introduction to Mathematical Thinking	Stanford University		3	GERPE (STS) / UE
Coursera	Machine Learning	Stanford		3	GER PE (STS) / UE
Coursera	Our Energy Future	UC San Diego	Y	3	GERPE (STS) / UE
Coursera	Planet Earthand you!	University of Illinois at Urbana-Champaign	Y	3	UE
edX	The Analytics Edge	Massachusetts Institute of Technology (MIT)		3	GER PE (STS) / UE
Coursera	The Science of Well-Being	Yale University	Y	1	GER PE (LA) / UE

Students in the School of Art, Design and Media

Platform	Course Title	Content Developer	Free in Coursera until Oct 2020	Equivalent AU	Course Type
edX	A hands-on introduction to engineering simulations	Cornell		3	GERPE (STS) / UE
Coursera	Accounting Analytics	University of Pennsylvania		1	GER PE (BM) / UE
Coursera	Algorithms for DNA Sequencing	Johns Hopkins	Y	1	GERPE (STS) / UE
edX	Ancient Masterpieces of World Literature	Harvard		3	GER PE (LA) / UE
Coursera	Applied Social Network Analysis in Python	University of Michigan	Y	1	GERPE (STS) / UE
edX	Becoming a More Equitable Educator: Mindsets and Practices	Massachusetts Institute of Technology (MIT)		3	UE
edX	Big Data and Education	University of Pennsylvania		3	GERPE (STS) / UE
FutureLearn	Big Data: Measuring And Predicting Human Behaviour	The University of Warwick		3	GERPE (STS) / UE
edX	Bioethics: The Law, Medicine, and Ethics of Reproductive Technologies and Genetics	Harvard University		1	GER PE (LA) / UE
edX	Bitcoin and Cryptocurrencies	Berkeley		1	GERPE (STS) / UE
edX	Blockchain Technology	Berkeley		1	GERPE (STS) / UE
Coursera	Business Strategies for Social Impact	University of Pennsylvania		1	GER PE (BM) / UE
Coursera	Circular Economy - Sustainable Materials Management	Lund University	Y	2	GERPE (STS) / UE
edX	Circular Economy: An Introduction	Delft University of Technology		3	GERPE (STS) / UE
edX	Climate Change: Financial Risks and Opportunities	Imperial College London		2	GERPE (STS) / UE
edX	Computing in Python I: Fundamentals and Procedural Programming	Georgia Institute of Technology		1	GERPE (STS) / UE
edX	Computing in Python II: Control Structures	Georgia Institute of Technology		1	GERPE (STS) / UE
edX	Computing in Python III: Data Structures	Georgia Institute of Technology		1	GERPE (STS) / UE
edX	Computing in Python IV: Objects & Algorithms	Georgia Institute of Technology		1	GERPE (STS) / UE
Coursera	Corruption	University of Pennsylvania		1	GER PE (BM) / UE
edX	CS50's Introduction to Computer Science	Harvard University		3	GERPE (STS) / UE
edX	Data Analysis in Social Science—Assessing Your Knowledge	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
Coursera	Drug Commercialization	UC San Diego	Y	1	GER PE (BM) / UE
edX	Energy Within Environmental Constraints	Harvard		3	GERPE (STS) / UE
Coursera	Energy, Environment, and Everyday Life	University of Illinois at Urbana-Champaign	Y	3	GERPE (STS) / UE
Coursera	Feeding the World	University of Pennsylvania		1	GERPE (STS) / UE
Coursera	Fundamentals of GIS	University of California Davis		2	GERPE (STS) / UE
Coursera	Game theory	Stanford		2	GER PE (LA) / UE
Coursera	Gamification	University of Pennsylvania		3	GERPE (STS) / UE
Coursera	GIS Data Acquisition and Map Design	University of Toronto	Y	1	GERPE (STS) / UE
Coursera	Global Arctic	École Polytechnique Fédérale de Lausanne	Y	2	GERPE (STS) / UE
Coursera	Global Trends for Business and Society	University of Pennsylvania		1	GER PE (BM) / UE

Coursera	Global Warming I: The Science and Modeling of Climate Change	University of Chicago	Y	3	GERPE (STS) / UE
Coursera	Global Warming II: Create Your Own Models in Python	University of Chicago	Y	2	GERPE (STS) / UE
edX	Global warming science	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
Coursera	Greek and Roman Mythology	University of Pennsylvania		2	GER PE (LA) / UE
Coursera	Healthcare marketplace	University of Minnesota	Y	2	GER PE (BM) / UE
edX	Humanity and Nature in Chinese Thought	University of Hong Kong		2	GER PE (LA) / UE
Coursera	Innovation: From Creativity to Entrepreneurship Specialization	University of Illinois at Urbana-Champaign	Y	3	GER PE (BM) / UE
Coursera	Internet of Things: How did we get here?	UC San Diego	Y	1	GERPE (STS) / UE
Coursera	Introduction to Accounting Data Analytics and Visualization	UIUC	Y	3	GER PE (BM) / UE
edX	Introduction to Animal Ethics	Kyoto University		1	GER PE (LA) / UE
Coursera	Introduction to Big Data (1 of 6 courses of Big Data Specialisation)	UC San Diego	Y	1	GERPE (STS) / UE
Coursera	Introduction to Climate Change and Health	Yale University	Y	1	GERPE (STS) / UE
edX	Introduction to Computer Science and Programming Using Python	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
edX	Introduction to Data Wise: A Collaborative Process to Improve Learning & Teaching	Harvard University		1	GERPE (STS) / UE
Coursera	Introduction to Genomic Technologies	Johns Hopkins	Y	1	GERPE (STS) / UE
Coursera	Introduction to High-Throughput Materials Development	Georgia Tech	Y	1	GERPE (STS) / UE
Coursera	Introduction to Mathematical Thinking	Stanford University		3	GERPE (STS) / UE
Coursera	Introduction to Sustainability	University of Illinois at Urbana-Champaign	Y	3	GERPE (STS) / UE
edX	Justice	Harvard University		3	GER PE (LA) / UE
edX	Launching Innovation in Schools	MIT & Microsoft		3	UE
Coursera	Machine Learning	Stanford		3	GERPE (STS) / UE
Coursera	Materials Data Science and Informatics	Georgia Tech	Y	1	GERPE (STS) / UE
Coursera	Moral Foundations of Politics	Yale University	Y	3	GER PE (LA) / UE
Coursera	Nanotechnology: A Maker's Course	Duke University	Y	1	GERPE (STS) / UE
Coursera	Organizational Analysis	Stanford University		3	GER PE (LA) / UE
Coursera	Our Energy Future	UC San Diego	Y	3	GERPE (STS) / UE
Coursera	Patenting in Biotechnology	Copenhagen Business School and Technical University of Denmark	Y	2	GER PE (LA) / UE
Coursera	Pharmaceuticals and Medical Device Innovations	University of Minnesota	Y	1	GER PE (BM) / UE
Coursera	Physics of silicon solar cells	Ecole Polytechnique	Y	2	GERPE (STS) / UE
Coursera	Planet Earthand you!	University of Illinois at Urbana-Champaign	Y	3	GERPE (STS) / UE
Coursera	Positive Psychology: Character, Grit and Research Methods	University of Pennsylvania		2	GER PE (LA) / UE
edX	Principle of Semiconductor Devices Part I: Semiconductors, PN Junctions and Bipolar Junction Transistors	HKUST		2	GERPE (STS) / UE
Futurelearn	Robert Burns: Poems, Songs and Legacy	University of Glasgow		1	GER PE (LA) / UE
Coursera	Silicon Thin Film Solar Cells	Ecole Polytechnique	Y	1	GERPE (STS) / UE
Coursera	Social Entrepreneurship	University of Pennsylvania		1	GER PE (BM) / UE
Coursera	Social Norms, Social Change I	University of Pennsylvania		1	GER PE (LA) / UE
Coursera	Social Norms, Social Change II	University of Pennsylvania		1	GER PE (LA) / UE
Coursera	The 3D Printing Revolution	UIUC	Y	1	GERPE (STS) / UE
edX	The Analytics Edge	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
edX	The Climate-Energy Challenge	Harvard		3	GERPE (STS) / UE
edX	The Quantum Internet and Quantum Computers: How Will They Change the World?	Delft		1	GERPE (STS) / UE
Coursera	The Science of Well-Being	Yale University	Y	1	GER PE (LA) / UE
Coursera	Transmission electron microscopy for materials science	EPFL	Y	3	GERPE (STS) / UE
edX	Tropical coastal ecosystems	The University of Queensland		3	GERPE (STS) / UE
Coursera	Ubiquitous Learning and Instructional Technologies	University of Illinois at Urbana-Champaign	Y	1	GERPE (STS) / UE
Coursera	Understanding Einstein	Stanford University		3	GER PE (LA) / UE
Coursera	Understanding Russians: Contexts of Intercultural Communication	National Research University Higher School of Economics	Y	3	GER PE (LA) / UE

Students in the School of Humanities

Platform	Course Title	Content Developer	Free in Coursera until Oct 2020	Equivalent AU	Course Type
edX	A hands-on introduction to engineering simulations	Cornell		3	GERPE (STS) / UE
Coursera	Accounting Analytics	University of Pennsylvania		1	GER PE (BM) / UE
Coursera	Algorithms for DNA Sequencing	Johns Hopkins	Y	1	GERPE (STS) / UE
edX	Ancient Masterpieces of World Literature	Harvard		3	GER PE (LA) / UE
Coursera	Applied Social Network Analysis in Python	University of Michigan	Y	1	GERPE (STS) / UE

edX	Becoming a More Equitable Educator: Mindsets and Practices	Massachusetts Institute of Technology (MIT)		3	UE
edX	Big Data and Education	University of Pennsylvania		3	GERPE (STS) / UE
FutureLearn	Big Data: Measuring And Predicting Human Behaviour	The University of Warwick		3	GERPE (STS) / UE
edX	Bioethics: The Law, Medicine, and Ethics of Reproductive Technologies and Genetics	Harvard University		1	GER PE (LA) / UE
edX	Bitcoin and Cryptocurrencies	Berkeley		1	GERPE (STS) / UE
edX	Blockchain Technology	Berkeley		1	GERPE (STS) / UE
Coursera	Business Strategies for Social Impact	University of Pennsylvania		1	GER PE (BM) / UE
Coursera	Circular Economy - Sustainable Materials Management	Lund University	Y	2	GERPE (STS) / UE
edX	Circular Economy: An Introduction	Delft University of Technology		3	GERPE (STS) / UE
edX	Climate Change: Financial Risks and Opportunities	Imperial College London		2	GERPE (STS) / UE
edX	Computing in Python I: Fundamentals and Procedural Programming	Georgia Institute of Technology		1	GERPE (STS) / UE
edX	Computing in Python II: Control Structures	Georgia Institute of Technology		1	GERPE (STS) / UE
edX	Computing in Python III: Data Structures	Georgia Institute of Technology		1	GERPE (STS) / UE
edX	Computing in Python IV: Objects & Algorithms	Georgia Institute of Technology		1	GERPE (STS) / UE
Coursera	Corruption	University of Pennsylvania		1	GER PE (BM) / UE
edX	CS50's Introduction to Computer Science	Harvard University		3	GERPE (STS) / UE
edX	Data Analysis in Social Science—Assessing Your Knowledge	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
Coursera	Drug Commercialization	UC San Diego	Y	1	GER PE (BM) / UE
edX	Energy Within Environmental Constraints	Harvard		3	GERPE (STS) / UE
Coursera	Energy, Environment, and Everyday Life	University of Illinois at Urbana-Champaign	Y	3	GERPE (STS) / UE
Coursera	Feeding the World	University of Pennsylvania		1	GERPE (STS) / UE
Coursera	Fundamentals of GIS	University of California Davis		2	GERPE (STS) / UE
Coursera	Game theory	Stanford		2	GERPE (LA) / UE
Coursera	Gamification	University of Pennsylvania		3	GERPE (STS) / UE
Coursera	GIS Data Acquisition and Map Design	University of Toronto	Y	1	GERPE (STS) / UE
Coursera	Global Arctic	École Polytechnique Fédérale de Lausanne	Y	2	GERPE (STS) / UE
Coursera	Global Trends for Business and Society	University of Pennsylvania		1	GER PE (BM) / UE
Coursera	Global Warming I: The Science and Modeling of Climate Change	University of Chicago	Y	3	GERPE (STS) / UE
Coursera	Global Warming II: Create Your Own Models in Python	University of Chicago	Y	2	GERPE (STS) / UE
edX	Global warming science	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
Coursera	Greek and Roman Mythology	University of Pennsylvania		2	GER PE (LA) / UE
Coursera	Healthcare marketplace	University of Minnesota	Y	2	GER PE (BM) / UE
edX	Humanity and Nature in Chinese Thought	University of Hong Kong		2	GER PE (LA) / UE
Coursera	Innovation: From Creativity to Entrepreneurship Specialization	University of Illinois at Urbana-Champaign	Y	3	GER PE (BM) / UE
Coursera	Internet of Things: How did we get here?	UC San Diego	Y	1	GERPE (STS) / UE
Coursera	Introduction to Accounting Data Analytics and Visualization	UIUC	Y	3	GER PE (BM) / UE
edX	Introduction to Animal Ethics	Kyoto University		1	GER PE (LA) / UE
Coursera	Introduction to Big Data (1 of 6 courses of Big Data Specialisation)	UC San Diego	Y	1	GERPE (STS) / UE
Coursera	Introduction to Climate Change and Health	Yale University	Y	1	GERPE (STS) / UE
edX	Introduction to Computer Science and Programming Using Python	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
edX	Introduction to Data Wise: A Collaborative Process to Improve Learning & Teaching	Harvard University		1	GERPE (STS) / UE
Coursera	Introduction to Genomic Technologies	Johns Hopkins	Y	1	GERPE (STS) / UE
Coursera	Introduction to High-Throughput Materials Development	Georgia Tech	Y	1	GERPE (STS) / UE
Coursera	Introduction to Mathematical Thinking	Stanford University		3	GERPE (STS) / UE
Coursera	Introduction to Sustainability	University of Illinois at Urbana-Champaign	Y	3	GERPE (STS) / UE
edX	Justice	Harvard University		3	GER PE (LA) / UE
edX	Launching Innovation in Schools	MIT & Microsoft		3	UE
Coursera	Machine Learning	Stanford		3	GERPE (STS) / UE
Coursera	Materials Data Science and Informatics	Georgia Tech	Y	1	GERPE (STS) / UE
Coursera	Moral Foundations of Politics	Yale University	Y	3	GERPE (LA) / UE
Coursera	Nanotechnology: A Maker's Course	Duke University	Y	1	GERPE (STS) / UE
Coursera	Organizational Analysis	Stanford University		3	GERPE (LA) / UE
Coursera	Our Energy Future	UC San Diego	Y	3	GERPE (STS) / UE
Coursera	Patenting in Biotechnology	Copenhagen Business School and Technical University of Denmark	Y	2	GER PE (LA) / UE
Coursera	Pharmaceuticals and Medical Device Innovations	University of Minnesota	Y	1	GER PE (BM) / UE

Coursera	Physics of silicon solar cells	Ecole Polytechnique	Y	2	GERPE (STS) / UE
Coursera	Planet Earthand you!	University of Illinois at Urbana-Champaign	Y	3	GERPE (STS) / UE
Coursera	Positive Psychology: Character, Grit and Research Methods	University of Pennsylvania		2	GERPE (LA) / UE
edX	Principle of Semiconductor Devices Part I: Semiconductors, PN Junctions and Bipolar Junction Transistors	HKUST		2	GERPE (STS) / UE
Futurelearn	Robert Burns: Poems, Songs and Legacy	University of Glasgow		1	GER PE (LA) / UE
Coursera	Silicon Thin Film Solar Cells	Ecole Polytechnique	Y	1	GERPE (STS) / UE
Coursera	Social Entrepreneurship	University of Pennsylvania		1	GER PE (BM) / UE
Coursera	Social Norms, Social Change I	University of Pennsylvania		1	GER PE (LA) / UE
Coursera	Social Norms, Social Change II	University of Pennsylvania		1	GER PE (LA) / UE
Coursera	The 3D Printing Revolution	UIUC	Y	1	GERPE (STS) / UE
edX	The Analytics Edge	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
edX	The Climate-Energy Challenge	Harvard		3	GERPE (STS) / UE
edX	The Quantum Internet and Quantum Computers: How Will They Change the World?	Delft		1	GERPE (STS) / UE
Coursera	The Science of Well-Being	Yale University	Y	1	GERPE (LA) / UE
Coursera	Transmission electron microscopy for materials science	EPFL	Y	3	GERPE (STS) / UE
edX	Tropical coastal ecosystems	The University of Queensland		3	GERPE (STS) / UE
Coursera	Ubiquitous Learning and Instructional Technologies	University of Illinois at Urbana-Champaign	Y	1	GERPE (STS) / UE
Coursera	Understanding Einstein	Stanford University		3	GERPE (LA) / UE
Coursera	Understanding Russians: Contexts of Intercultural Communication	National Research University Higher School of Economics	Y	3	GERPE (LA) / UE

Students in the School of Social Sciences

Platform	Course Title	Content Developer	Free in Coursera until Oct 2020	Equivalent AU	Course Type
edX	A hands-on introduction to engineering simulations	Cornell		3	GERPE (STS) / UE
Coursera	Accounting Analytics	University of Pennsylvania		1	GER PE (BM) / UE
Coursera	Algorithms for DNA Sequencing	Johns Hopkins	Y	1	GERPE (STS) / UE
edX	Ancient Masterpieces of World Literature	Harvard		3	GER PE (LA) / UE
Coursera	Applied Social Network Analysis in Python	University of Michigan	Y	1	GERPE (STS) / UE
edX	Becoming a More Equitable Educator: Mindsets and Practices	Massachusetts Institute of Technology (MIT)		3	UE
edX	Big Data and Education	University of Pennsylvania		3	GERPE (STS) / UE
FutureLearn	Big Data: Measuring And Predicting Human Behaviour	The University of Warwick		3	GERPE (STS) / UE
edX	Bioethics: The Law, Medicine, and Ethics of Reproductive Technologies and Genetics	Harvard University		1	GER PE (LA) / UE
edX	Bitcoin and Cryptocurrencies	Berkeley		1	GERPE (STS) / UE
edX	Blockchain Technology	Berkeley		1	GERPE (STS) / UE
Coursera	Business Strategies for Social Impact	University of Pennsylvania		1	GER PE (BM) / UE
Coursera	Circular Economy - Sustainable Materials Management	Lund University	Y	2	GERPE (STS) / UE
edX	Circular Economy: An Introduction	Delft University of Technology		3	GERPE (STS) / UE
edX	Climate Change: Financial Risks and Opportunities	Imperial College London		2	GERPE (STS) / UE
edX	Computing in Python I: Fundamentals and Procedural Programming	Georgia Institute of Technology		1	GERPE (STS) / UE
edX	Computing in Python II: Control Structures	Georgia Institute of Technology		1	GERPE (STS) / UE
edX	Computing in Python III: Data Structures	Georgia Institute of Technology		1	GERPE (STS) / UE
edX	Computing in Python IV: Objects & Algorithms	Georgia Institute of Technology		1	GERPE (STS) / UE
Coursera	Corruption	University of Pennsylvania		1	GER PE (BM) / UE
edX	CS50's Introduction to Computer Science	Harvard University		3	GERPE (STS) / UE
edX	Data Analysis in Social Science—Assessing Your Knowledge	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
Coursera	Drug Commercialization	UC San Diego	Y	1	GER PE (BM) / UE
edX	Energy Within Environmental Constraints	Harvard		3	GERPE (STS) / UE
Coursera	Energy, Environment, and Everyday Life	University of Illinois at Urbana-Champaign	Y	3	GERPE (STS) / UE
Coursera	Feeding the World	University of Pennsylvania		1	GERPE (STS) / UE
Coursera	Fundamentals of GIS	University of California Davis		2	GERPE (STS) / UE
Coursera	Game theory	Stanford		2	GERPE (LA) / UE
Coursera	Gamification	University of Pennsylvania		3	GERPE (STS) / UE
Coursera	GIS Data Acquisition and Map Design	University of Toronto	Y	1	GERPE (STS) / UE
Coursera	Global Arctic	École Polytechnique Fédérale de Lausanne	Y	2	GERPE (STS) / UE
Coursera	Global Trends for Business and Society	University of Pennsylvania		1	GER PE (BM) / UE
Coursera	Global Warming I: The Science and Modeling of Climate Change	University of Chicago	Y	3	GERPE (STS) / UE

Course	Global Warming II: Create Your Own Models in Python	University of Chicago	Y	2	GERPE (STS) / UE
edX	Global warming science	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
Course	Greek and Roman Mythology	University of Pennsylvania		2	GER PE (LA) / UE
Course	Healthcare marketplace	University of Minnesota	Y	2	GER PE (BM) / UE
edX	Humanity and Nature in Chinese Thought	University of Hong Kong		2	GER PE (LA) / UE
Course	Innovation: From Creativity to Entrepreneurship Specialization	University of Illinois at Urbana-Champaign	Y	3	GER PE (BM) / UE
Course	Internet of Things: How did we get here?	UC San Diego	Y	1	GERPE (STS) / UE
Course	Introduction to Accounting Data Analytics and Visualization	UIUC	Y	3	GER PE (BM) / UE
edX	Introduction to Animal Ethics	Kyoto University		1	GER PE (LA) / UE
Course	Introduction to Big Data (1 of 6 courses of Big Data Specialisation)	UC San Diego	Y	1	GERPE (STS) / UE
Course	Introduction to Climate Change and Health	Yale University	Y	1	GERPE (STS) / UE
edX	Introduction to Computer Science and Programming Using Python	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
edX	Introduction to Data Wise: A Collaborative Process to Improve Learning & Teaching	Harvard University		1	GERPE (STS) / UE
Course	Introduction to Genomic Technologies	Johns Hopkins	Y	1	GERPE (STS) / UE
Course	Introduction to High-Throughput Materials Development	Georgia Tech	Y	1	GERPE (STS) / UE
Course	Introduction to Mathematical Thinking	Stanford University		3	GERPE (STS) / UE
Course	Introduction to Sustainability	University of Illinois at Urbana-Champaign	Y	3	GERPE (STS) / UE
edX	Justice	Harvard University		3	GER PE (LA) / UE
edX	Launching Innovation in Schools	MIT & Microsoft		3	UE
Course	Machine Learning	Stanford		3	GERPE (STS) / UE
Course	Materials Data Science and Informatics	Georgia Tech	Y	1	GERPE (STS) / UE
Course	Moral Foundations of Politics	Yale University	Y	3	GERPE (LA) / UE
Course	Nanotechnology: A Maker's Course	Duke University	Y	1	GERPE (STS) / UE
Course	Organizational Analysis	Stanford University		3	GERPE (LA) / UE
Course	Our Energy Future	UC San Diego	Y	3	GERPE (STS) / UE
Course	Patenting in Biotechnology	Copenhagen Business School and Technical University of Denmark	Y	2	GER PE (LA) / UE
Course	Pharmaceuticals and Medical Device Innovations	University of Minnesota	Y	1	GER PE (BM) / UE
Course	Physics of silicon solar cells	Ecole Polytechnique	Y	2	GERPE (STS) / UE
Course	Planet Earthand you!	University of Illinois at Urbana-Champaign	Y	3	GERPE (STS) / UE
Course	Positive Psychology: Character, Grit and Research Methods	University of Pennsylvania		2	GERPE (LA) / UE
edX	Principle of Semiconductor Devices Part I: Semiconductors, PN Junctions and Bipolar Junction Transistors	HKUST		2	GERPE (STS) / UE
Futurelearn	Robert Burns: Poems, Songs and Legacy	University of Glasgow		1	GER PE (LA) / UE
Course	Silicon Thin Film Solar Cells	Ecole Polytechnique	Y	1	GERPE (STS) / UE
Course	Social Entrepreneurship	University of Pennsylvania		1	GER PE (BM) / UE
Course	Social Norms, Social Change I	University of Pennsylvania		1	GER PE (LA) / UE
Course	Social Norms, Social Change II	University of Pennsylvania		1	GER PE (LA) / UE
Course	The 3D Printing Revolution	UIUC	Y	1	GERPE (STS) / UE
edX	The Analytics Edge	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
edX	The Climate-Energy Challenge	Harvard		3	GERPE (STS) / UE
edX	The Quantum Internet and Quantum Computers: How Will They Change the World?	Delft		1	GERPE (STS) / UE
Course	The Science of Well-Being	Yale University	Y	1	GERPE (LA) / UE
Course	Transmission electron microscopy for materials science	EPFL	Y	3	GERPE (STS) / UE
edX	Tropical coastal ecosystems	The University of Queensland		3	GERPE (STS) / UE
Course	Ubiquitous Learning and Instructional Technologies	University of Illinois at Urbana-Champaign	Y	1	GERPE (STS) / UE
Course	Understanding Einstein	Stanford University		3	GERPE (LA) / UE
Course	Understanding Russians: Contexts of Intercultural Communication	National Research University Higher School of Economics	Y	3	GERPE (LA) / UE

Students in the Wee Kim Wee School of Communication and Information

Platform	Course Title	Content Developer	Free in Coursera until Oct 2020	Equivalent AU	Course Type
edX	A hands-on introduction to engineering simulations	Cornell		3	GERPE (STS) / UE
Course	Accounting Analytics	University of Pennsylvania		1	GER PE (BM) / UE
Course	Algorithms for DNA Sequencing	Johns Hopkins	Y	1	GERPE (STS) / UE
edX	Ancient Masterpieces of World Literature	Harvard		3	GER PE (LA) / UE
Course	Applied Social Network Analysis in Python	University of Michigan	Y	1	GERPE (STS) / UE
edX	Becoming a More Equitable Educator: Mindsets and Practices	Massachusetts Institute of Technology (MIT)		3	UE

edX	Big Data and Education	University of Pennsylvania		3	GERPE (STS) / UE
FutureLearn	Big Data: Measuring And Predicting Human Behaviour	The University of Warwick		3	GERPE (STS) / UE
edX	Bioethics: The Law, Medicine, and Ethics of Reproductive Technologies and Genetics	Harvard University		1	GER PE (LA) / UE
edX	Bitcoin and Cryptocurrencies	Berkeley		1	GERPE (STS) / UE
edX	Blockchain Technology	Berkeley		1	GERPE (STS) / UE
Coursera	Business Strategies for Social Impact	University of Pennsylvania		1	GER PE (BM) / UE
Coursera	Circular Economy - Sustainable Materials Management	Lund University	Y	2	GERPE (STS) / UE
edX	Circular Economy: An Introduction	Delft University of Technology		3	GERPE (STS) / UE
edX	Climate Change: Financial Risks and Opportunities	Imperial College London		2	GERPE (STS) / UE
edX	Computing in Python I: Fundamentals and Procedural Programming	Georgia Institute of Technology		1	GERPE (STS) / UE
edX	Computing in Python II: Control Structures	Georgia Institute of Technology		1	GERPE (STS) / UE
edX	Computing in Python III: Data Structures	Georgia Institute of Technology		1	GERPE (STS) / UE
edX	Computing in Python IV: Objects & Algorithms	Georgia Institute of Technology		1	GERPE (STS) / UE
Coursera	Corruption	University of Pennsylvania		1	GER PE (BM) / UE
edX	CS50's Introduction to Computer Science	Harvard University		3	GERPE (STS) / UE
edX	Data Analysis in Social Science—Assessing Your Knowledge	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
Coursera	Drug Commercialization	UC San Diego	Y	1	GER PE (BM) / UE
edX	Energy Within Environmental Constraints	Harvard		3	GERPE (STS) / UE
Coursera	Energy, Environment, and Everyday Life	University of Illinois at Urbana-Champaign	Y	3	GERPE (STS) / UE
Coursera	Feeding the World	University of Pennsylvania		1	GERPE (STS) / UE
Coursera	Fundamentals of GIS	University of California Davis		2	GERPE (STS) / UE
Coursera	Game theory	Stanford		2	GERPE (LA) / UE
Coursera	Gamification	University of Pennsylvania		3	GERPE (STS) / UE
Coursera	GIS Data Acquisition and Map Design	University of Toronto	Y	1	GERPE (STS) / UE
Coursera	Global Arctic	École Polytechnique Fédérale de Lausanne	Y	2	GERPE (STS) / UE
Coursera	Global Trends for Business and Society	University of Pennsylvania		1	GER PE (BM) / UE
Coursera	Global Warming I: The Science and Modeling of Climate Change	University of Chicago	Y	3	GERPE (STS) / UE
Coursera	Global Warming II: Create Your Own Models in Python	University of Chicago	Y	2	GERPE (STS) / UE
edX	Global warming science	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
Coursera	Greek and Roman Mythology	University of Pennsylvania		2	GER PE (LA) / UE
Coursera	Healthcare marketplace	University of Minnesota	Y	2	GER PE (BM) / UE
edX	Humanity and Nature in Chinese Thought	University of Hong Kong		2	GER PE (LA) / UE
Coursera	Innovation: From Creativity to Entrepreneurship Specialization	University of Illinois at Urbana-Champaign	Y	3	GER PE (BM) / UE
Coursera	Internet of Things: How did we get here?	UC San Diego	Y	1	GERPE (STS) / UE
Coursera	Introduction to Accounting Data Analytics and Visualization	UIUC	Y	3	GER PE (BM) / UE
edX	Introduction to Animal Ethics	Kyoto University		1	GER PE (LA) / UE
Coursera	Introduction to Big Data (1 of 6 courses of Big Data Specialisation)	UC San Diego	Y	1	GERPE (STS) / UE
Coursera	Introduction to Climate Change and Health	Yale University	Y	1	GERPE (STS) / UE
edX	Introduction to Computer Science and Programming Using Python	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
edX	Introduction to Data Wise: A Collaborative Process to Improve Learning & Teaching	Harvard University		1	GERPE (STS) / UE
Coursera	Introduction to Genomic Technologies	Johns Hopkins	Y	1	GERPE (STS) / UE
Coursera	Introduction to High-Throughput Materials Development	Georgia Tech	Y	1	GERPE (STS) / UE
Coursera	Introduction to Mathematical Thinking	Stanford University		3	GERPE (STS) / UE
Coursera	Introduction to Sustainability	University of Illinois at Urbana-Champaign	Y	3	GERPE (STS) / UE
edX	Justice	Harvard University		3	GER PE (LA) / UE
edX	Launching Innovation in Schools	MIT & Microsoft		3	UE
Coursera	Machine Learning	Stanford		3	GERPE (STS) / UE
Coursera	Materials Data Science and Informatics	Georgia Tech	Y	1	GERPE (STS) / UE
Coursera	Moral Foundations of Politics	Yale University	Y	3	GERPE (LA) / UE
Coursera	Nanotechnology: A Maker's Course	Duke University	Y	1	GERPE (STS) / UE
Coursera	Organizational Analysis	Stanford University		3	GERPE (LA) / UE
Coursera	Our Energy Future	UC San Diego	Y	3	GERPE (STS) / UE
Coursera	Patenting in Biotechnology	Copenhagen Business School and Technical University of Denmark	Y	2	GER PE (LA) / UE
Coursera	Pharmaceuticals and Medical Device Innovations	University of Minnesota	Y	1	GER PE (BM) / UE
Coursera	Physics of silicon solar cells	Ecole Polytechnique	Y	2	GERPE (STS) / UE

Coursera	Planet Earthand you!	University of Illinois at Urbana-Champaign	Y	3	GERPE (STS) / UE
Coursera	Positive Psychology: Character, Grit and Research Methods	University of Pennsylvania		2	GERPE (LA) / UE
edX	Principle of Semiconductor Devices Part I: Semiconductors, PN Junctions and Bipolar Junction Transistors	HKUST		2	GERPE (STS) / UE
Futurelearn	Robert Burns: Poems, Songs and Legacy	University of Glasgow		1	GER PE (LA) / UE
Coursera	Silicon Thin Film Solar Cells	Ecole Polytechnique	Y	1	GERPE (STS) / UE
Coursera	Social Entrepreneurship	University of Pennsylvania		1	GER PE (BM) / UE
Coursera	Social Norms, Social Change I	University of Pennsylvania		1	GER PE (LA) / UE
Coursera	Social Norms, Social Change II	University of Pennsylvania		1	GER PE (LA) / UE
Coursera	The 3D Printing Revolution	UIUC	Y	1	GERPE (STS) / UE
edX	The Analytics Edge	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
edX	The Climate-Energy Challenge	Harvard		3	GERPE (STS) / UE
edX	The Quantum Internet and Quantum Computers: How Will They Change the World?	Delft		1	GERPE (STS) / UE
Coursera	The Science of Well-Being	Yale University	Y	1	GERPE (LA) / UE
Coursera	Transmission electron microscopy for materials science	EPFL	Y	3	GERPE (STS) / UE
edX	Tropical coastal ecosystems	The University of Queensland		3	GERPE (STS) / UE
Coursera	Ubiquitous Learning and Instructional Technologies	University of Illinois at Urbana-Champaign	Y	1	GERPE (STS) / UE
Coursera	Understanding Einstein	Stanford University		3	GERPE (LA) / UE
Coursera	Understanding Russians: Contexts of Intercultural Communication	National Research University Higher School of Economics	Y	3	GERPE (LA) / UE

Students in the Asian School of the Environment

Platform	Course Title	Content Developer	Free in Coursera until Oct 2020	Equivalent AU	Course Type
edX	Climate Change: Financial Risks and Opportunities	Imperial College London		2	GER PE (STS) / UE
edX	Energy Within Environmental Constraints	Harvard		3	GER PE (STS) / UE
Coursera	Energy, Environment, and Everyday Life	University of Illinois at Urbana-Champaign	Y	3	GER PE (STS) / UE
Coursera	Feeding the World	University of Pennsylvania		1	GER PE (STS) / UE
Coursera	Fundamentals of GIS	University of California Davis		2	GER PE (STS) / UE
Coursera	GIS Data Acquisition and Map Design	University of Toronto	Y	1	GER PE (STS) / UE
Coursera	Global Arctic	École Polytechnique Fédérale de Lausanne	Y	2	GER PE (STS) / UE
Coursera	Global Warming I: The Science and Modeling of Climate Change	University of Chicago	Y	3	GER PE (STS) / UE
Coursera	Global Warming II: Create Your Own Models in Python	University of Chicago	Y	2	GER PE (STS) / UE
Coursera	Introduction to Climate Change and Health	Yale University	Y	1	GER PE (STS) / UE
Coursera	Introduction to Sustainability	University of Illinois at Urbana-Champaign	Y	3	GER PE (STS) / UE
Coursera	Our Energy Future	UC San Diego	Y	3	GER PE (STS) / UE
Coursera	Planet Earthand you!	University of Illinois at Urbana-Champaign	Y	3	GER PE (STS) / UE
edX	The Climate-Energy Challenge	Harvard		3	GER PE (STS) / UE
Coursera	The Science of Well-Being	Yale University	Y	1	GER PE (LA) / UE
edX	Tropical coastal ecosystems	The University of Queensland		3	GER PE (STS) / UE

Students in the School of Biological Sciences

Platform	Course Title	Content Developer	Free in Coursera until Oct 2020	Equivalent AU	Course Type
Edx	A hands-on introduction to engineering simulations	Cornell		3	GERPE (STS) / UE
Coursera	Accounting Analytics	University of Pennsylvania		1	GERPE (BM) / UE
Coursera	Algorithms for DNA Sequencing	Johns Hopkins	Y	1	MPE
edX	Ancient Masterpieces of World Literature	Harvard		3	GERPE (LA) / UE
Coursera	Applied Social Network Analysis in Python	University of Michigan	Y	1	GERPE (STS) / UE
EdX	Becoming a More Equitable Educator: Mindsets and Practices	Massachusetts Institute of Technology (MIT)		3	UE
EdX	Big Data and Education	University of Pennsylvania		3	GERPE (STS) / UE
FutureLearn	Big Data: Measuring And Predicting Human Behaviour	The University of Warwick		3	GERPE (STS) / UE
edX	Bioethics: The Law, Medicine, and Ethics of Reproductive Technologies and Genetics	Harvard University		1	GERPE (LA) / UE
Edx	Bitcoin and Cryptocurrencies	Berkeley		1	GERPE (STS) / UE
Edx	Blockchain Technology	Berkeley		1	GERPE (STS) / UE
Coursera	Business Strategies for Social Impact	University of Pennsylvania		1	GERPE (BM) / UE
Coursera	Circular Economy - Sustainable Materials Management	Lund University	Y	2	GERPE (STS) / UE
EdX	Circular Economy: An Introduction	Delft University of Technology		3	GERPE (BM) / UE

EdX	Climate Change: Financial Risks and Opportunities	Imperial College London		2	GERPE (STS) / UE
EdX	Computing in Python I: Fundamentals and Procedural Programming	Georgia Institute of Technology		3	GERPE (STS) / UE
EdX	Computing in Python II: Control Structures	Georgia Institute of Technology		3	GERPE (STS) / UE
EdX	Computing in Python III: Data Structures	Georgia Institute of Technology		3	GERPE (STS) / UE
EdX	Computing in Python IV: Objects & Algorithms	Georgia Institute of Technology		3	GERPE (STS) / UE
Coursera	Corruption	University of Pennsylvania		1	GERPE (BM) / UE
EdX	CS50's Introduction to Computer Science	Harvard University		3	GERPE (STS) / UE
EdX	Data Analysis in Social Science—Assessing Your Knowledge	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
Coursera	Drug Commercialization	UC San Diego	Y	1	MPE
EdX	Energy Within Environmental Constraints	Harvard		3	GERPE (STS) / UE
Coursera	Energy, Environment, and Everyday Life	University of Illinois at Urbana-Champaign	Y	3	GERPE (STS) / UE
Coursera	Feeding the World	University of Pennsylvania		1	GERPE (STS) / UE
Coursera	Fundamentals of GIS	University of California Davis	Y	2	GERPE (STS) / UE
Coursera	Game theory	Stanford		2	GERPE (LA) / UE
Coursera	Gamification	University of Pennsylvania		3	GERPE (STS) / UE
Coursera	GIS Data Acquisition and Map Design	University of Toronto	Y	1	GERPE (STS) / UE
Coursera	Global Arctic	École Polytechnique Fédérale de Lausanne	Y	2	GERPE(STS) / UE
Coursera	Global Trends for Business and Society	University of Pennsylvania		1	GERPE (BM) / UE
Coursera	Global Warming I: The Science and Modeling of Climate Change	University of Chicago	Y	3	GERPE(STS) / UE
Coursera	Global Warming II: Create Your Own Models in Python	University of Chicago	Y	2	GERPE(STS) / UE
Edx	Global warming science	Massachusetts Institute of Technology (MIT)		3	GERPE(STS) / UE
Coursera	Greek and Roman Mythology	University of Pennsylvania		2	GERPE (LA) / UE
Coursera	Healthcare marketplace	University of Minnesota	Y	2	Core for BSB* / MPE for other SBS programmes
edX	Humanity and Nature in Chinese Thought	University of Hong Kong		2	GERPE (LA) / UE
Coursera	Innovation: From Creativity to Entrepreneurship Specialization	University of Illinois at Urbana-Champaign	Y	3	GERPE (BM) / UE
Coursera	Internet of Things: How did we get here?	UC San Diego	Y	1	GERPE (STS) / UE
Coursera	Introduction to Accounting Data Analytics and Visualization	UIUC	Y	3	GERPE (BM) / UE
edX	Introduction to Animal Ethics	Kyoto University		1	GERPE (LA) / UE
Coursera	Introduction to Big Data (1 of 6 courses of Big Data Specialization)	UC San Diego	Y	1	GERPE (STS) / UE
Coursera	Introduction to Climate Change and Health	Yale University	Y	1	GERPE (STS) / UE
EdX	Introduction to Computer Science and Programming	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
EdX	Introduction to Data Wise: A Collaborative Process to Improve Decision Making	Harvard University		1	GERPE (STS) / UE
Coursera	Introduction to Genomic Technologies	Johns Hopkins	Y	1	MPE
Coursera	Introduction to High-Throughput Materials Development	Georgia Tech	Y	1	GERPE (STS) / UE
Coursera	Introduction to Mathematical Thinking	Stanford University		3	GERPE (STS) / UE
Coursera	Introduction to Sustainability	University of Illinois at Urbana-Champaign	Y	3	GERPE (STS) / UE
edX	Justice	Harvard University		3	GERPE (LA) / UE
EdX	Launching Innovation in Schools	MIT & Microsoft		3	UE
Coursera	Machine Learning	Stanford		3	GERPE (STS)
Coursera	Materials Data Science and Informatics	Georgia Tech	Y	1	GERPE (STS) / UE
Coursera	Moral Foundations of Politics	Yale University	Y	3	GERPE (LA) / UE
Coursera	Nanotechnology: A Maker's Course	Duke University	Y	1	GERPE (STS) / UE
Coursera	Organizational Analysis	Stanford University		3	GERPE (LA) / UE
Coursera	Our Energy Future	UC San Diego	Y	3	GERPE (STS) / UE
Coursera	Patenting in Biotechnology	Copenhagen Business School and Technical University of Denmark	Y	2	Core for BSB* / MPE for other SBS programmes
Coursera	Pharmaceuticals and Medical Device Innovations	University of Minnesota	Y	1	Core for BSB* / MPE for other SBS programmes
Coursera	Physics of silicon solar cells	Ecole Polytechnique	Y	2	GERPE (STS) / UE
Coursera	Planet Earthand you!	University of Illinois at Urbana-Champaign	Y	3	GERPE (STS) / UE
Coursera	Positive Psychology: Character, Grit and Research	University of Pennsylvania		2	GERPE (LA) / UE
Edx	Principle of Semiconductor Devices Part I: Semiconductor Physics	HKUST		2	GERPE (STS) / UE
Futurelearn	Robert Burns: Poems, Songs and Legacy	University of Glasgow		1	GERPE (LA) / UE
Coursera	Silicon Thin Film Solar Cells	Ecole Polytechnique	Y	1	GERPE (STS) / UE
Coursera	Social Entrepreneurship	University of Pennsylvania		1	GERPE (BM) / UE
Coursera	Social Norms, Social Change I	University of Pennsylvania		1	GERPE (LA) / UE
Coursera	Social Norms, Social Change II	University of Pennsylvania		1	GERPE (LA) / UE
Coursera	The 3D Printing Revolution	UIUC	Y	1	GERPE (STS) / UE
EdX	The Analytics Edge	Massachusetts Institute of Technology (MIT)		3	GERPE (STS) / UE
EdX	The Climate-Energy Challenge	Harvard		3	GERPE (STS) / UE
Edx	The Quantum Internet and Quantum Computers: How to Build Them	Delft		1	GERPE (STS) / UE

Course	The Science of Well-Being	Yale University	Y	1	GERPE (LA) / UE
Course	Transmission electron microscopy for materials science	EPFL	Y	3	GERPE (STS) / UE
EdX	Tropical coastal ecosystems	The University of Queensland		3	GERPE (STS) / UE
Course	Ubiquitous Learning and Instructional Technologies	University of Illinois at Urbana-Champaign	Y	1	GERPE (STS) / UE
Course	Understanding Einstein	Stanford University		3	GERPE (LA) / UE
Course	Understanding Russians: Contexts of Intercultural Communication	National Research University Higher School of Economics	Y	3	GERPE (LA) / UE

* To transfer the credit of this MOOC as Core for students in BSB programme, additional NTU exam is required. Please contact the School for details.

Students in the School of Physical and Mathematical Sciences

Platform	Course Title	Content Developer	Free in Coursera until Oct 2020	Equivalent AU	Course Type
edX	A hands-on introduction to engineering simulations	Cornell		3	GER-PE (STS) / UE
Course	Accounting Analytics	University of Pennsylvania		1	UE
Course	Algorithms for DNA Sequencing	Johns Hopkins	Y	1	UE
edX	Ancient Masterpieces of World Literature	Harvard		3	GER-PE (LA) / UE
Course	Applied Social Network Analysis in Python	University of Michigan	Y	1	UE
edX	Becoming a More Equitable Educator: Mindsets and Practices	Massachusetts Institute of Technology (MIT)		3	UE
FutureLearn	Big Data: Measuring And Predicting Human Behaviour	The University of Warwick		3	UE
edX	Bioethics: The Law, Medicine, and Ethics of Reproductive Technologies and Genetics	Harvard University		1	GER-PE (LA) / UE
edX	Bitcoin and Cryptocurrencies	Berkeley		1	UE
edX	Blockchain Technology	Berkeley		1	UE
Course	Business Strategies for Social Impact	University of Pennsylvania		1	GER-PE (BM) / UE
Course	Circular Economy - Sustainable Materials Management	Lund University	Y	2	UE
edX	Circular Economy: An Introduction	Delft University of Technology		3	GER-PE (BM) / UE
edX	Climate Change: Financial Risks and Opportunities	Imperial College London		2	GER-PE (STS) / UE
Course	Corruption	University of Pennsylvania		1	GER-PE (BM) / UE
Course	Drug Commercialization	UC San Diego	Y	1	UE
edX	Energy Within Environmental Constraints	Harvard		3	GER-PE (STS) / UE
Course	Energy, Environment, and Everyday Life	University of Illinois at Urbana-Champaign	Y	3	GER-PE (STS) / UE
Course	Feeding the World	University of Pennsylvania		1	GER-PE (STS) / UE
Course	Fundamentals of GIS	University of California Davis		2	UE
Course	Gamification	University of Pennsylvania		3	UE
Course	GIS Data Acquisition and Map Design	University of Toronto	Y	1	GER-PE (STS) / UE
Course	Global Arctic	École Polytechnique Fédérale de Lausanne	Y	2	GER-PE (STS) / UE
Course	Global Trends for Business and Society	University of Pennsylvania		1	GER-PE (BM) / UE
Course	Global Warming I: The Science and Modeling of Climate Change	University of Chicago	Y	3	GER-PE (STS) / UE
Course	Global Warming II: Create Your Own Models in Python	University of Chicago	Y	2	GER-PE (STS) / UE
edX	Global warming science	Massachusetts Institute of Technology (MIT)		3	GER-PE (STS) / UE
Course	Greek and Roman Mythology	University of Pennsylvania		2	GER-PE (LA) / UE
Course	Healthcare marketplace	University of Minnesota	Y	2	UE
edX	Humanity and Nature in Chinese Thought	University of Hong Kong		2	GER-PE (LA) / UE
Course	Innovation: From Creativity to Entrepreneurship Specialization	University of Illinois at Urbana-Champaign	Y	3	UE
Course	Internet of Things: How did we get here?	UC San Diego	Y	1	UE
Course	Introduction to Accounting Data Analytics and Visualization	UIUC	Y	3	UE
edX	Introduction to Animal Ethics	Kyoto University		1	GER-PE (LA) / UE
Course	Introduction to Climate Change and Health	Yale University	Y	1	UE
edX	Introduction to Data Wise: A Collaborative Process to Improve Learning & Teaching	Harvard University		1	UE
Course	Introduction to Genomic Technologies	Johns Hopkins	Y	1	UE
Course	Introduction to High-Throughput Materials Development	Georgia Tech	Y	1	UE
Course	Introduction to Sustainability	University of Illinois at Urbana-Champaign	Y	3	GER-PE (STS) / UE
edX	Justice	Harvard University		3	GER-PE (LA) / UE
edX	Launching Innovation in Schools	MIT & Microsoft		3	UE
Course	Materials Data Science and Informatics	Georgia Tech	Y	1	UE
Course	Moral Foundations of Politics	Yale University	Y	3	GER-PE (LA) / UE
Course	Nanotechnology: A Maker's Course	Duke University	Y	1	UE
Course	Organizational Analysis	Stanford University		3	GER-PE (LA) / UE
Course	Our Energy Future	UC San Diego	Y	3	GER-PE (STS) / UE
Course	Patenting in Biotechnology	Copenhagen Business School and Technical University of Denmark	Y	2	UE

Course	Pharmaceuticals and Medical Device Innovations	University of Minnesota	Y	1	UE
Course	Physics of silicon solar cells	Ecole Polytechnique	Y	2	UE
Course	Planet Earthand you!	University of Illinois at Urbana-Champaign	Y	3	UE
Course	Positive Psychology: Character, Grit and Research Methods	University of Pennsylvania		2	GER-PE (LA) / UE
edX	Principle of Semiconductor Devices Part I: Semiconductors, PN Junctions and Bipolar Junction Transistors	HKUST		2	UE
Futurelearn	Robert Burns: Poems, Songs and Legacy	University of Glasgow		1	GER-PE (LA) / UE
Course	Silicon Thin Film Solar Cells	Ecole Polytechnique	Y	1	UE
Course	Social Entrepreneurship	University of Pennsylvania		1	GER-PE (BM) / UE
Course	Social Norms, Social Change I	University of Pennsylvania		1	GER-PE (LA) / UE
Course	Social Norms, Social Change II	University of Pennsylvania		1	GER-PE (LA) / UE
Course	The 3D Printing Revolution	UIUC	Y	1	UE
edX	The Climate-Energy Challenge	Harvard		3	GER-PE (STS) / UE
edX	The Quantum Internet and Quantum Computers: How Will They Change the World?	Delft		1	UE
Course	The Science of Well-Being	Yale University	Y	1	UE
Course	Transmission electron microscopy for materials science	EPFL	Y	3	UE
edX	Tropical coastal ecosystems	The University of Queensland		3	GER-PE (STS) / UE
Course	Ubiquitous Learning and Instructional Technologies	University of Illinois at Urbana-Champaign	Y	1	UE
Course	Understanding Einstein	Stanford University		3	GER-PE (LA) / UE
Course	Understanding Russians: Contexts of Intercultural Communication	National Research University Higher School of Economics	Y	3	GER-PE (LA) / UE

Students in the National Institute of Education

Platform	Course Title	Content Developer	Free in Coursera until Oct 2020	Equivalent AU	Course Type
EdX	Becoming a More Equitable Educator: Mindsets and Practices	Massachusetts Institute of Technology (MIT)		3	UE
EdX	Big Data and Education	University of Pennsylvania		3	UE
FutureLearn	Big Data: Measuring And Predicting Human Behaviour	The University of Warwick		3	UE
EdX	Data Analysis in Social Science—Assessing Your Knowledge	Massachusetts Institute of Technology (MIT)		3	UE
Course	Gamification	University of Pennsylvania		3	UE
Course	Innovation: From Creativity to Entrepreneurship Specialization	University of Illinois at Urbana-Champaign	Y	3	UE
Course	Internet of Things: How did we get here?	UC San Diego	Y	1	UE
Course	Introduction to Big Data (1 of 6 courses of Big Data Specialisation)	UC San Diego	Y	1	UE
EdX	Introduction to Data Wise: A Collaborative Process to Improve Learning & Teaching	Harvard University		1	UE
EdX	Launching Innovation in Schools	MIT & Microsoft		3	UE
Course	Ubiquitous Learning and Instructional Technologies	University of Illinois at Urbana-Champaign	Y	1	UE