EPS Undergraduate Programme Changes

Amendments to Undergraduate Programmes from 2021-22

If you have been made an offer to study at Queen's, you will have received a copy of the University's terms and conditions which states that you will be made aware of any significant amendments made to the programmes for entry in 2021-22. The University is always looking at ways to make programmes better and the changes outlined below have been designed to provide you with an enhanced student experience.

Chemistry and Chemical Engineering (candce@qub.ac.uk)

BEng/MEng Chemical Engineering BEng Chemical Engineering (Sandwich) MEng Chemical Engineering with a Year in Industry	We are writing to inform you of curriculum changes that will be introduced to your programme in 2021-2022. The changes to be introduced are as follows: In order to better manage the programme and allow for smoother transition between Chemical Engineering and Chemistry pathways for students wishing to make the transfer, module CHE1105 Introduction to Engineering Design becomes a Semester 2 module and worth 10 CATS.
BEng/MEng Chemical Engineering BEng Chemical Engineering (Sandwich)	We are writing to inform you of curriculum changes that will be introduced to your programme in 2021-2022. The changes to be introduced are as follows:

	Module CHE3104 Chemical Engineering Design Project is now compulsory for all BEng students, and the option to do a semester long research project is no longer available. This is to ensure students have improved engineering design training and also to allow for smoother transition to the MEng pathway, for student who wish to do so after the end of Stage 3.
BSc Chemistry BSc Chemistry with a Year in Industry MSci Chemistry MSci Chemistry with Study Abroad MSci Chemistry with a Year in Industry BSc Medicinal Chemistry BSc Medicinal Chemistry with a Year in Industry MSci Medicinal Chemistry MSci Medicinal Chemistry with a Year in Industry	We are writing to inform you of curriculum changes that will be introduced to your programme in 2021-2022. The changes to be introduced are as follows: Module CHM1015 is now withdrawn as the content of this module is also covered in module CHE1006 Maths for Chemists and Engineers. This change supports the removal of duplicated/obsolete content.

Electronics, Electrical Engineering and Computer Science (eeecs@qub.ac.uk)

BEng Electrical & Electronic Engineering (with International Year 1) BEng Electrical & Electronic Engineering BEng Electrical & Electronic Engineering (with Year of Professional Experience) MEng Electrical & Electronic Engineering (with Year of Professional Experience) MEng Electrical & Electronic Engineering	We are writing to inform you of curriculum changes that will be introduced to your programme in 2021-2022. The changes to be introduced are as follows: The School undertook a review of its programmes in academic year 2020-21. This has led to a number of logistical changes for academic year 2021-22, and you will be amongst the first to experience the course incorporating those changes. Please be assured these changes are, in all but one instance, logistical and do not result in the removal of any technical areas from the course. In the exceptional case, a new topic has been added (Electronic Systems) to provide you with the best possible foundation in interpretation, analysis and manipulation of electronic signals. The following modules have been withdrawn from your programme: ELE1052 Electronics, ELE1054 Electrical Engineering, ELE1053 Computer Programming, ELE3038 Digital Systems Architecture, ELE4020 Smart Grids, ELE4012 Sustainable Energy Systems, and ELE4021 High Frequency Technology & Design. The following new module areas will be introduced to your programme: Microelectronics, Digital Systems, Electrical Engineering, Fundamentals of Electric Circuits, Electronic Systems and Sustainable Energy & Smart Grids.

BEng Software & Electronic Systems BEng Software & Electronic Systems (with Year of Professional Experience) MEng Software and Electronic Systems MEng Software and Electronic Systems (with Year of Professional Experience)	We are writing to inform you of curriculum changes that will be introduced to your programme in 2021-2022. The changes to be introduced are as follows: The School undertook a review of its programmes in academic year 2020-21. Software and Electronic Systems Pathways will be renamed to Computer Engineering pathway. You will have the option of entering and, indeed, graduating with a degree under that name, or the original name of Software & Electronic System Engineering. In addition to the name change we have made a number of logistical changes for academic year 2021-22, and you will be amongst the first to experience the course incorporating those changes. Please be assured these changes are, in all but one instance, logistical and do not result in the removal of any technical areas from the course. In the exceptional case, a new topic has been added (Electronic Systems) to provide you the best possible foundation in interpretation, analysis and manipulation of electronic signals. The following modules will be withdrawn from your programme: ELE1052 Electronics, CSC1025 Procedural Programming, ECS1004 Electronic Circuits, ELE3038 Digital Systems Architecture, CSC3031 Software Design Principles & Patterns, ELE4020 Smart Grids and CSC4008 Digital Transformation.

	The following new module areas will be introduced on your programme: Digital Systems, Electronic Systems, Procedural Programming, Fundamentals of Electrical Circuits, Electronics 2 and MEMS Devices & Technology 4.
BSc Computer Science (with Year of Professional Experience)	We are writing to inform you of curriculum changes that will be introduced to your programme in 2021-2022. The specific changes to your programme are laid out below and have all been made to improve your student experience, for example by making the assessments more suitable to the topic following student feedback or increasing the choice of modules available to you. A new core module has been added in Professional and Transferrable Skills, which will replace two smaller modules CSC2011 Professional Computing Practice and CSC2059 Transferrable Skills for the IT Sector with the new module incorporating the key content of both in a more streamlined fashion. Assessment changes have been made to the following modules: CSC1030 Data Analysis and Visualisation CSC1031 Software Design Principles CSC2058 Software Engineering and Systems Development CSC3067 Video Analytics and Machine Learning CSC3066 Deep Learning

	CSC3058 Advanced Computer Architecture. Module content changes have been made to the following modules: CSC2061 Architecture and Networks, and CSC3064 Network Security. Module recommended pre-requisite changes have been made to the following module: CSC3001 Formal Methods. The following module has been removed as an option from this pathway following feedback as it only aligns closely when doing other group based projects in modules which are not present in Computer Science: CSC3045 Contemporary Team Based Projects. The following module has been added as an option to this pathway: CSC3056 Software Testing.
BSc Business Information Technology	We are writing to inform you of curriculum changes that will be introduced to your programme in 2021-2022. The specific changes to your programme are laid out below and have all been made to improve your student experience, for example by making the assessments more suitable to the topic following student feedback or increasing the choice of modules available to you.

	A new core module has been added in Professional and Transferrable Skills, which will replace two smaller modules CSC2011 Professional Computing Practice and CSC2059 Transferrable Skills for the IT Sector incorporating the key content of both of these previous modules in a more streamlined fashion. Assessment changes have been made to the following modules: CSC1024 Programming and Systems Development CSC2057 Modern Web App Development CSC3062 Data Analysis and Visualisation. Assessment and learning content changes have been made to the following module: CSC3064 Network Security.
BSc Computer Information Technology (with Year of Professional Experience)	We are writing to inform you of curriculum changes that will be introduced to your programme in 2021-2022. The specific changes to your programme are laid out below and have all been made to improve your student experience, for example by making the assessments more suitable to the topic following student feedback or increasing the choice of modules available to you. A new core module has been added in Professional and Transferrable Skills, which will replace two smaller modules CSC2011 Professional Computing Practice and

	CSC2059 Transferrable Skills for the IT Sector incorporating the key content of both of these previous modules in a more streamlined fashion. Assessment changes have been made to the following modules: CSC1030 Web Technologies CSC1031 Software Design Principles CSC3062 Data Analysis and Visualisation CSC3031 Software, Design Principles, Practice and Innovation CSC3056 Software Testing Module content changes have been made to the following module: CSC2061 Architecture and Networks. The following module has been made optional for this pathway and this module has had changes made to assessment: CSC3064 Network Security.
BEng Computer Science (with International Year 1)	We are writing to inform you of curriculum changes that will be introduced to your programme in 2021-2022. The specific changes to your programme are laid out below and have all been made to improve your student experience, for example by making the assessments more suitable to the topic following student feedback or increasing the choice of modules available to you.

	A new core module has been added in Professional and Transferrable Skills, which will replace two smaller modules CSC2011 Professional Computing Practice and CSC2059 Transferrable Skills for the IT Sector incorporating the key content of both of these previous modules in a more streamlined fashion. Assessment changes have been made to the following modules: CSC3058 Advanced Computer Architecture CSC3066 Deep Learning CSC3067 Video Analytics and Machine Learning. Module content changes have been made to the following module: CSC2061 Architecture and Networks and CSC3064 Network Security. This module has been withdrawn: CSC3045 Contemporary Team Based Projects.
MEng Computer Science (with Year of Professional Experience) MEng Computer Science	We are writing to inform you of curriculum changes that will be introduced to your programme in 2021-2022. The specific changes to your programme are laid out below and have all been made to improve your student experience, for example by making the assessments more suitable to the topic following student feedback or increasing the choice of modules available to you. Of course, not all changes may apply to you

	depending on your stage of study and options, but we are letting you know about all changes to the pathway just in case they are relevant. A new core module has been added in Professional and Transferrable Skills, which will replace two smaller modules CSC2011 Professional Computing Practice and CSC2059 Transferrable Skills for the IT Sector incorporating the key content of both of these previous modules in a more streamlined fashion. Assessment changes have been made to the following modules: CSC1030 Web Technologies CSC1031 Software Design Principles CSC2058 Software Engineering and Systems Development CSC3001 Formal Methods CSC3058 Advanced Computer Architecture CSC3066 Deep Learning CSC3067 Video Analytics and Machine Learning CSC4003 Algorithms Analysis and Applications CSC4009 Fairness, Interpretability and Privacy in Machine Learning. The following module has been made a core module for this pathway: CSC4008 Digital Transformation.

	Module content changes have been made to the following module: CSC2061 Architecture and Networks, and CSC3064 Network Security. The following module has been removed as an option from this pathway following feedback as it only aligns closely when doing other group based projects in modules which are not present in Computer Science: CSC3045 Contemporary Team Based Projects. The following module has been added as an option for this pathway: CSC3056 Software Testing.
BEng Software Engineering with Digital Technology Partnership	We are writing to inform you of curriculum changes that will be introduced to your programme in 2021-2022. The specific changes to your programme are laid out below and have all been made to improve your student experience, for example by making the assessments more suitable to the topic following student feedback or increasing the choice of modules available to you. A new core module has been added in Professional and Transferrable Skills, which will replace two smaller modules CSC2011 Professional Computing Practice and CSC2059 Transferrable Skills for the IT Sector incorporating the key content of both of these previous modules in a more streamlined fashion. Assessment changes have been made to the following modules: CSC1030 Web Technologies

	CSC1031 Software Design Principles CSC2058 Software Engineering and Systems Development CSC3056 Cyber Security Fundamentals CSC3058 Advanced Computer Architecture CSC3063 Secure Software Development CSC3031 Software, Design Principles, Practice and Innovation CSC3067 Video Analytics and Machine Learning Module content changes have been made to the following modules: CSC2061 Architecture and Networks CSC3045 Contemporary Team-Based Projects CSC3064 Network Security CSC3069 Software Engineering Enterprise Project
BEng Software Engineering (with Year of Professional Experience)	We are writing to inform you of curriculum changes that will be introduced to your programme in 2021-2022. As you would expect, we continually review and revise our programmes to provide the highest quality of education in industry appropriate topics in our fast-moving field. The specific changes to your programme are laid out below and have all been made to improve your student experience, for example by making the assessments more suitable to the topic following student feedback or increasing the choice of modules available to you.

	A new core module has been added in Professional and Transferrable Skills, which will replace two smaller modules CSC2011 Professional Computing Practice and CSC2059 Transferrable Skills for the IT Sector incorporating the key content of both of these previous modules in a more streamlined fashion. Assessment changes have been made to the following modules: CSC1030 Web Technologies CSC1031 Software Design Principles CSC2058 Software Engineering and Systems Development CSC3056 Cyber Security Fundamentals CSC3058 Advanced Computer Architecture CSC3063 Secure Software Development CSC3031 Software, Design Principles, Practice and Innovation CSC3067 Video Analytics and Machine Learning Module content changes have been made to the following modules: CSC2061 Architecture and Networks CSC3045 Contemporary Team-Based Projects CSC3064 Network Security.

MEng Software Engineering (with Year of Professional Experience) MEng Software Engineering	We are writing to inform you of curriculum changes that will be introduced to your programme in 2021-2022. As you would expect, we continually review and revise our programmes to provide the highest quality of education in industry appropriate topics in our fast-moving field. The specific changes to your programme are laid out below and have all been made to improve your student experience, for example by making the assessments more suitable to the topic following student feedback or increasing the choice of modules available to you. A new core module has been added in Professional and Transferrable Skills, which will replace two smaller modules CSC2011 Professional Computing Practice and CSC2059 Transferrable Skills for the IT Sector incorporating the key content of both of these previous modules in a more streamlined fashion. Assessment changes have been made to the following modules: CSC1030 Web Technologies CSC1031 Software Design Principles CSC2058 Software Engineering and Systems Development CSC3058 Advanced Computer Architecture CSC3063 Secure Software Development CSC3031 Software, Design Principles, Practice and Innovation CSC3067 Video Analytics and Machine Learning

	CSC4003 Algorithms Analysis and Applications CSC4009 Fairness, Interpretability and Privacy in Machine Learning Module content changes have been made to the following modules: CSC2061 Architecture and Networks CSC3045 Contemporary Team-Based Projects CSC3064 Network Security. The following new module has been introduced:CSC3056 Software Testing The following module has been removed as a core module and is now an optional: CSC3067 Video Analytics and Machine Learning The following module has been made a core module for this pathway: CSC4008 Digital Transformation.

Natural and Built Environment (snbe@qub.ac.uk)

BA Archaeology with French BA Archaeology with Portuguese BA Archaeology with Spanish BA Archaeology BSc Archaeology-Paleoecology MSci Archaeology BA Archaeology with French BA Archaeology with Portuguese BA Archaeology with Spanish	We are writing to inform you of curriculum changes that will be introduced to your programme in 2021-2022. The changes to be introduced are as follows: We are changing the status of module ARP2057 'Archaeology in Practice' from optional to compulsory. In order to comply with a recommendation from the accrediting body for the above programmes, participation in a four-week teaching excavation is to be added as a compulsory element to the specific programme specifications, with the same caveat wording as already applies to the year-abroad requirement in the BA Archaeology with [a language] programmes ('Unless exempted by the Head of School on the basis of prior learning or exceptional personal/medical circumstances, students will be required to complete a minimum four-week teaching excavation in order to obtain practical fieldwork experience relevant to the discipline.')
BEng Civil Engineering BEng Civil Engineering with a Year in Industry BEng in Civil Engineering with International Year 1 MEng Civil Engineering MEng Civil Engineering with a Year in Industry	We are writing to inform you of curriculum changes that will be introduced to your programme in 2021-2022. The changes to be introduced are as follows: On the MEng programmes we have added text identifying that there is currently a mechanism for students to transfer from MEng to BEng, either by the Advisor of Studies following a student request or by the Board of Examiners on the basis of student performance, complementing the existing text identifying the mechanism for

MEng Environmental and Civil Engineering MEng Environmental and Civil Engineering with a Year in Industry MEng Structural Engineering with Architecture MEng Structural Engineering with Architecture with a Year in Industry	transfer from BEng to MEng, being subject to meeting compulsory module enrolment and progression criteria on the programme in which the student is transferring. In addition we have clarified the performance criteria from “55%” to “55% or more”.
BSc Planning, Environment and Development MPlan European Planning	We are writing to let you know that the following a review of our programme, in consultation with our students, we are making a change to the programme structure. Specifically, we are removing the work placement programme that was planned to take place in your second year of study. Following student consultation, the timing of the placement in the summer months is problematic and can limit students’ income generating opportunities. Students found the compulsory nature of the placement a problem and would prefer an optional, yearlong placement programme. We hope to be able to offer it to you by your second year of study in September 2022. Please be assured that you will continue to receive high quality career training as normal, and we offer a variety of skills workshops, career training seminars and opportunities to be prospective employers in your second year in modules EVP2011

	Theory and Practice of Development Management EVP2012 Theory and Practice of Spatial Planning Policy.

Mathematics and Physics (mpts@qub.ac.uk)

BSc/MSci Mathematics BSc/MSci Mathematics with Statistical Operational Research BSc/MSci Mathematics and Computer Sciences BSc/MSci Applied Mathematics and Physics BSc/MSci Theoretical Physics BSc Mathematics with Finance/with French/ with Spanish	We are writing to let you know that that the School of Mathematics and Physics has developed a new mathematics curriculum for 2021-22 entry. The aim of the new curriculum is to provide all Mathematics students with a solid core of mathematics modules in Levels 1 and 2, to enable a diverse range of more specialised modules in Levels 3 and 4 (the latter for the MSci degree). These changes are designed to offer students a greater range of modern mathematical topics which will be attractive to students and employers alike. This will include new modules in modern areas of Applied Mathematics, such as Bayesian Statistics, Quantum Information Processing, and Applied Algebra and Crytography. The changes to the curriculum have been discussed widely and approved by our external examiners and major employers of mathematics graduates. We believe that the new mathematics curriculum is a significant development which will make your studies even more enjoyable and satisfying and will have a positive impact on the employability of the future mathematics graduates.

	The changes are as follows: Stage 1: Change PMA1021 Mathematical Reasoning (10 CATS) to MTH1015 Mathematical Reasoning (10 CATS) Remove MTH1001 Analysis and Calculus (30 CATS), MTH1002 Numbers, Vectors and Matrices (30 CATS), AMA1021 Mathematical Modelling (10 CATS). Introduce MTH1011 Introduction to Algebra and Analysis (30 CATS), MTH1021 Mathematical Methods 1 (30 CATS), MTH1025 Algorithmic Thinking (10 CATS). Stage 2: Change AMA2001 Classical Mechanics to MTH2013 Classical Mechanics, PMA2002 Analysis to MTH2012 Analysis, PMA2008 Group Theory to MTH2014 Group Theory. Remove MTH2001 Linear Algebra and Complex Variables (30 CATS), MTH2002 Introduction to Partial Differential Equations (10 CATS), AMA2004 Numerical Analysis (20 CATS), Fluid Mechanics (20 CATS). Introduce MTH2011 Linear Algebra (20 CATS), Mathematical Methods 2 (20 CATS), Metric Spaces (20 CATS). Stage 3 (all modules are 20 CATS):

	Change AMA3002 Quantum Theory to MTH3032 Quantum Theory, AMA3007 Financial Mathematics to MTH3025 Financial Mathematics. Remove PMA3008 Computer Algebra (S1 and S2), PMA3013 Ring Theory, PMA3014 Set Theory (after 2021-22), PMA3017 Metric and Normed Spaces (after 2012-22), PMA3018 Algebraic Equations, AMA3003 Tensor Field Theory, AMA3006 Partial Differential Equations, AMA3013 Calculus of Variations and Hamiltonian Dynamics, AMA3014 Mathematical Modelling for Biology and Medicine. Introduce MTH3011 Measure and Integration (after 2021-22), MTH3012 Rings and Modules, MTH3021 Dynamical Systems, MTH3023 Numerical Analysis, MTH3024 Modelling & Simulation, MTH3031 Classical Fields. Stage 4 (all 20 CATS modules) Change AMA4001 Advanced Quantum Theory to MTH4031 Advanced Quantum Theory, AMA4006 Practical Methods for PDEs to MTH4024 Practical Methods for PDEs, AMA4009 Information Theory to MTH4022 Information Theory, AMA4021 Mathematical Methods for Quantum Information Processing to MTH4023 Mathematical Methods for Quantum Information Processing, PMA4003 Topology to MTH4011 Topology Remove AMA4003 Advanced Mathematical Methods, AMA4004 Statistical Mechanics and PMA4010 Algebraic Topology.

	Introduce MTH4311 Functional Analysis / MTH4321 Fourier Analysis and Applications to PDEs, MTH4322 Topological Data Analysis / MTH4323 Geometry of Optimisation, MTH4331 Quantum Fields / MTH4332 Statistical Mechanics (taught in alternate years), MTH4021 Applied Algebra and Cryptography. The new mathematics curriculum thus represents a modern and well-thought-through vehicle for presenting core mathematics and a wide range of its applications to a group of students with many career aspirations, from teaching mathematics at school to working in financial engineering, financial services industry, statistical modelling, data analysis, and mathematics research.
BSc Physics BSc Physics with Astrophysics BSc Physics with Medical Applications MSci Physics MSci Physics with Astrophysics MSci Physics with Medical Applications BSc Physics and French/Spanish MSci Physics and French/Spanish	We are writing to let you know that the following a review of our programme, in consultation with our students, we are making a change to the programme structure. Module PHY4001 Project, temporarily swapped semester during 2019-20 only and will revert to being offered from Semester 2 to Semester 1 2021-22.

BSc Theoretical Physics MSci Theoretical Physics BSc Applied Mathematics and Physics MSci Applied Mathematics and Physics	

Mechanical and Aerospace Engineering (mech.aero@qub.ac.uk)

BEng Aerospace Engineering
BEng Aerospace Engineering Sandwich

MEng Aerospace Engineering
MEng Aerospace Engineering Sandwich

We are writing to let you know that the School undertook a restructuring of its programmes in 2020-21 in order to mitigate the impact of COVID-19 restrictions, particularly on practical based on campus activities. The changes now proposed represent a reversion to the 2019-20 programme structures in terms mainly of the semester of module delivery:

Module Code	*Module Name*	*Comp/ Option*	*Change*	*From*	*To*
MEE1001	Mathematics 1	Compulsory	Semester	AUT	FYR
MEE1004	Mechanics of Materials 1	Compulsory	Semester	AUT	FYR

MEE1008	Dynamic Systems 1	Compulsory	Semester	SPR	FYR	
MEE1011	Laboratory Programme 1	Compulsory	Semester	AUT	FYR	
MEE1018	Thermodynamics & Fluid Mechanics 1	Compulsory	Semester	AUT	FYR	
MEE1027	Engineering Design 1	Compulsory	Semester	SPR	FYR	
MEE1035	Introduction to Aerospace Engineering 1	Compulsory	Semester	SPR	FYR	
AER2008	Compressible Flow & Propulsion 2	Compulsory	Semester	AUT	FYR	
MEE2034	Manufacturing Technology 2	Compulsory	Semester	SPR	FYR	

AER3008	Aeronautical Engineering 3	Compulsory	Semester	AUT	FYR
AER3008	Aeronautical Engineering 3	Compulsory	Assessment	CW 40% Exam 60%	CW 30% CW 30% Exam 40%
MEE3002	Professional Studies 3	Compulsory	Semester	SPR	AUT
MEE3013	Computer-Aided Engineering 3	Compulsory	Semester	AUT	FYR
MEE3014	Manufacturing 3	Compulsory	Semester	SPR	FYR
AER4016	Mechanics of Aerospace Materials 4	Compulsory	Semester	AUT	FYR
MEE4019	Manufacturing Automation & Simulation 4	Optional	Semester	SPR	FYR

MEE4023	Computer-Aided Engineering 4	Compulsory	Semester	SPR	FYR
MEE4039	Professional Studies 4	Optional	Semester	AUT	FYR

In addition, a new assessment profile has been introduced for AER3008 Aeronautical Engineering 3 to better reflect the distinctly separate topics being covered in the module.

BEng Mechanical Engineering
BEng Mechanical Engineering Sandwich

MEng Mechanical Engineering
MEng Mechanical Engineering Sandwich

We are writing to let you know that the School undertook a restructuring of its programmes in 2020-21 in order to mitigate the impact of COVID-19 restrictions, particularly on practical based on campus activities. The changes now proposed represent a reversion to the 2019-20 programme structures in terms mainly of the semester of module delivery.

Module Code	*Module Name*	*Comp/ Option*	*Change*	*From*	*To*
MEE1001	Mathematics 1	Compulsory	Semester	AUT	FYR
MEE1004	Mechanics of Materials 1	Compulsory	Semester	AUT	FYR
MEE1008	Dynamic Systems 1	Compulsory	Semester	SPR	FYR
MEE1011	Laboratory Programme 1	Compulsory	Semester	AUT	FYR
MEE1018	Thermodynamics & Fluid Mechanics 1	Compulsory	Semester	AUT	FYR
MEE1027	Engineering Design 1	Compulsory	Semester	SPR	FYR

MEE1034	Introduction to Mechanical Engineering 1	Compulsory	Semester	SPR	FYR	
MEE2001	Mechanics of Materials 2	Compulsory	Semester	AUT	FYR	
MEE2006	Dynamics 2	Compulsory	Semester	SPR	FYR	
MEE2006	Dynamics 2	Compulsory	Assessment	CW 15% CW 25% Exam 60%	CW 15% CW 25% CW 15% CW15% CW 30%	
MEE2007	Thermodynamics & Fluid Mechanics 2	Compulsory	Semester	AUT	FYR	
MEE2012	Design & Manufacturing 2	Compulsory	Semester	SPR	FYR	

MEE2034	Manufacturing Technology 2	Compulsory	Semester	SPR	FYR	
MEE3002	Professional Studies 3	Compulsory	Semester	SPR	AUT	
MEE3013	Computer-Aided Engineering 3	Optional	Semester	AUT	FYR	
MEE3014	Manufacturing 3	Compulsory	Semester	SPR	FYR	
MEE3014	Manufacturing 3	Optional	Semester	SPR	FYR	
MEE3031	Heat Transfer & Combustion 3	Compulsory	Semester	AUT	SPR	
MEE3064	Transportation Power & Systems 3	Optional	Semester	SPR	FYR	
MEE3065	Plastics Engineering 3	Optional	Semester	AUT	FYR	
AER4016	Mechanics of Aerospace Materials 4	Optional	Semester	AUT	FYR	
MEE4015	IC Engines & Turbomachinery 4	Optional	Semester	SPR	FYR	

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<tr><td>MEE4019</td><td>Manufacturing Automation & Simulation 4</td><td>Optional</td><td>Semester</td><td>SPR</td><td>FYR</td></tr>
<tr><td>MEE4021</td><td>Advanced Materials 4</td><td>Optional</td><td>Semester</td><td>AUT</td><td>FYR</td></tr>
<tr><td>MEE4023</td><td>Computer-Aided Engineering 4</td><td>Optional</td><td>Semester</td><td>SPR</td><td>FYR</td></tr>
<tr><td>MEE4039</td><td>Professional Studies 4</td><td>Optional</td><td>Semester</td><td>AUT</td><td>FYR</td></tr>
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In addition, a new assessment profile has been introduced for MEE2006 Dynamics 2 to better reflect the distinctly separate topics being covered in the module.
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<td>MEng Mechanical Engineering
MEng Mechanical Engineering Sandwich</td>
<td>We are writing to inform you of an additional curriculum changes that will be introduced to your programme in 2021-2022. Following unexpected resource issues, the following changes will be introduced:</td>
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<td>Module MEE4015 IC Engines and Turbomachinery 4 – this elective module will not be offered in the 2021-22 academic year.

Module EE4004: Dynamic Systems 4 –a compulsory module will move from Spring semester to Autumn semester and the assessment breakdown will change from 80% exam/20% coursework to 100% coursework.

Module MEE4010 Compressible Flow 4 – a compulsory module will move from Autumn semester to Spring semester and the assessment breakdown will change from 100% coursework to 60% exam/40% coursework.</td>
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<td>BEng Product Design Engineering

BEng Product Design Engineering Sandwich

MEng Product Design Engineering

MEng Product Design Engineering Sandwich</td>
<td>We are writing to let you know that the School undertook a restructuring of its programmes in 2020-21 in order to mitigate the impact of COVID-19 restrictions, particularly on practical based on campus activities. The changes now proposed represent a reversion to the 2019-20 programme structures in terms mainly of the semester of module delivery.

<table>
<tr><th>Module Code</th><th>Module Name</th><th>Comp/ Option</th><th>Change</th><th>From</th><th>To</th></tr>
<tr><td>MEE1001</td><td>Mathematics 1</td><td>Compulsory</td><td>Semester</td><td>AUT</td><td>FYR</td></tr>
<tr><td>MEE1004</td><td>Mechanics of Materials 1</td><td>Compulsory</td><td>Semester</td><td>AUT</td><td>FYR</td></tr>
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MEE1008	Dynamic Systems 1	Compulsory	Semester	SPR	FYR	
MEE1011	Laboratory Programme 1	Compulsory	Semester	AUT	FYR	
MEE1018	Thermodynamics & Fluid Mechanics 1	Compulsory	Semester	AUT	FYR	
MEE1027	Engineering Design 1	Compulsory	Semester	SPR	FYR	
MEE1034	Introduction to Mechanical Engineering 1	Compulsory	Semester	SPR	FYR	
MEE2001	Mechanics of Materials 2	Compulsory	Semester	AUT	FYR	
MEE2006	Dynamics 2	Compulsory	Semester	SPR	FYR	
MEE2006	Dynamics 2	Compulsory	Assessment	CW 15% CW 25% Exam 60%	CW 15% CW 25% CW 15%	

						CW15% CW 30%
	MEE2007	Thermodynamics & Fluid Mechanics 2	Compulsory	Semester	AUT	FYR
	MEE2012	Design & Manufacturing 2	Compulsory	Semester	SPR	FYR
	MEE2034	Manufacturing Technology 2	Compulsory	Semester	SPR	FYR
	MEE3002	Professional Studies 3	Compulsory	Semester	SPR	AUT
	MEE3013	Computer-Aided Engineering 3	Optional	Semester	AUT	FYR
	MEE3014	Manufacturing 3	Compulsory	Semester	SPR	FYR
	MEE3014	Manufacturing 3	Optional	Semester	SPR	FYR
	MEE3031	Heat Transfer & Combustion 3	Compulsory	Semester	AUT	SPR

MEE3064	Transportation Power & Systems 3	Optional	Semester	SPR	FYR
MEE3065	Plastics Engineering 3	Optional	Semester	AUT	FYR
AER4016	Mechanics of Aerospace Materials 4	Optional	Semester	AUT	FYR
MEE4015	IC Engines & Turbomachinery 4	Optional	Semester	SPR	FYR
MEE4019	Manufacturing Automation & Simulation 4	Optional	Semester	SPR	FYR
MEE4021	Advanced Materials 4	Optional	Semester	AUT	FYR
MEE4023	Computer-Aided Engineering 4	Optional	Semester	SPR	FYR
MEE4039	Professional Studies 4	Optional	Semester	AUT	FYR

In addition, a new assessment regime has been introduced for MEE2006 Dynamics 2 to better reflect the distinctly separate topics being covered in the module.

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<td>Foundation Degree Mechanical Engineering</td>
<td>We are writing to let you know that the School and Belfast Metropolitan College undertook a restructuring of its programmes in 2020-21 in order to mitigate the impact of COVID-19 restrictions, particularly on practical based on campus activities. The changes now proposed represent a reversion to the 2019-20 programme structures in terms mainly of the semester of module delivery.
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<tr><th>Module Code</th><th>Module Name</th><th>Comp/ Option</th><th>Change</th><th>From</th><th>To</th></tr>
<tr><td>FDE2002</td><td>Work Based Learning</td><td>Compulsory</td><td>Semester</td><td>AUT</td><td>SPR</td></tr>
<tr><td>FDE2007</td><td>Electrical Components & Systems</td><td>Compulsory</td><td>Semester</td><td>SPR</td><td>AUT</td></tr>
<tr><td>FDE2008</td><td>Computer-Aided Design B</td><td>Compulsory</td><td>Semester</td><td>SPR</td><td>AUT</td></tr>
<tr><td>FDE2013</td><td>Thermo & Fluid Mechanics B</td><td>Compulsory</td><td>Semester</td><td>SPR</td><td>AUT</td></tr>
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Psychology (psychology@qub.ac.uk)

BSc Psychology	We are writing to inform you of curriculum changes that will be introduced to your programme in 2021-2022. The changes to be introduced are as follows: The Level 3 PSY3114 Psychology Thesis Module has two assessment elements: a research thesis and a general examination paper. While social distancing requirements currently prevent us from holding in-person examinations, the general paper will not be part of the module assessment, with the research thesis forming 100% of the module assessment. The general paper will be removed as an assessment from March 2021 until further notice. We intend to reinstate the general examination when it is possible to hold in-person examinations again, when we do, students will be notified in the academic year before it is reinstated.

1 July - Version 6