

Programme Amendment Form

This form should be used to submit a proposal to change a programme of study, i.e. a proposal that modifies the arrangements originally approved by QMUL. For example:

- changes in core, compulsory or recommended modules
- changes in the programme regulations

Please note that changes to programme titles, durations or modes of study can no longer be requested via the Programme Amendment Form.

By hovering over the blank boxes with your cursor further guidance will be displayed to aid completion.

Summary Information (as previously approved)

Programme title(s):

Programme and Route code(s):

Programme Qualification	Mode of study	Programme Duration
<input type="text" value="Bachelor of Science (BSc)"/>	<input type="text" value="Part-time"/>	<input type="text" value="4 academic years"/>

Responsible School / Institute:

Schools / Institutes who are also involved in teaching part of the programme:

Details of any collaborative institution(s) involved in delivering any part of the programme:

1) What are the proposed amendments?

Detail the proposed amendments to the programme and attach the updated Programme Specification. If new modules are to be added to the programme(s) or if existing modules are to be permanently removed, this should be clearly specified in the space below. Further information regarding the module(s) to be added / removed from the programme(s) can be provided in the table below. Alternatively, this information can be presented in text form in the space below, as long as all of the key information in the table is detailed.

The proposed changes are mainly in terms of streamlining the four pathways by changing the module mapping. Other than this two minor changes to the module diet was made by removing two modules (ECS523W ICT Group Project and ECS609W Project Risk Management) and introducing Product Development module. This proposal also includes replacing ECS608U Distributed Systems and Security with ECS655U Security Engineering.

ECS619U Network Planning and Finance & Management is no longer offered in Semester A which was replaced by ECS639U Web Programming.

Taught Programmes Board

Academic Year of Study PT - Year 1

Module Title	Module Code	Credits	Level	Module Selection Status	Academic Year of Study	Semester	QMUL Model
Procedural Programming	ECS401U	15	4	Compulsory	1	Semester 1	<input type="checkbox"/>
Computer Systems & Networks	ECS4**U	15	4	Compulsory	1	Semester 1	<input type="checkbox"/>
Professional and Research Practice	ECS427W	15	4	Compulsory	1	Semester 1	<input type="checkbox"/>
Information System Analysis	ECS419U	15	4	Compulsory	1	Semester 2	<input type="checkbox"/>
Object-Oriented Programming	ECS414U	15	4	Compulsory	1	Semester 2	<input type="checkbox"/>
Business Modelling	ECS418W	15	4	Compulsory	1	Semester 2	<input type="checkbox"/>

Academic Year of Study PT - Year 2

Module Title	Module Code	Credits	Level	Module Selection Status	Academic Year of Study	Semester	QMUL Model
Software Engineering	ECS505U	15	5	Compulsory	2	Semester 1	<input type="checkbox"/>
Internet Protocols & Applications	ECS524U	15	5	Compulsory	2	Semester 2	<input type="checkbox"/>
Business Environment	ECS4**W	15	4	Compulsory	2	Semester 1	<input type="checkbox"/>
Database Systems	ECS519U	15	5	Compulsory	2	Semester 1	<input type="checkbox"/>
Marketing	BUS011	15	4	Compulsory	2	Semester 2	<input type="checkbox"/>
Business Information Systems	ECS508W	15	5	Compulsory	2	Semester 2	<input type="checkbox"/>

Academic Year of Study PT - Year 3

Taught Programmes Board

Module Title	Module Code	Credits	Level	Module Selection Status	Academic Year of Study	Semester	QMUL Model
Financial Accounting	BUS021	15	4	Compulsory	3	Semester 1	<input type="checkbox"/>
Website Design and Authoring	ECS507U	15	5	Compulsory	3	Semester 1	<input type="checkbox"/>
Software Development and Quality	ECS646W	15	6	Compulsory	3	Semester 1	<input type="checkbox"/>
Fundamentals of Web Technology	ECS417U	15	4	Compulsory	3	Semester 2	<input type="checkbox"/>
Economics for Business	BUS017	15	4	Compulsory	3	Semester 2	<input type="checkbox"/>
Product Development	ECS622W	15	6	Compulsory	3	Semester 2	<input type="checkbox"/>

Academic Year of Study PT - Year 4

Module Title	Module Code	Credits	Level	Module Selection Status	Academic Year of Study	Semester	QMUL Model
Strategy	BUS204	15	5	Compulsory	4	Semester 1	<input type="checkbox"/>
Web Programming	ECS639U	15	6	Compulsory	4	Semester 1	<input type="checkbox"/>
Project	ECS635W	30	6	Core	4	Semesters 1 & 2	<input type="checkbox"/>
Management of Human Resources	BUS324	15	5	Compulsory	4	Semester 2	<input type="checkbox"/>
Security Engineering	ECS655U	15	6	Compulsory	4	Semester 2	<input type="checkbox"/>

2) Proposed date of introduction:

Sept 2018

3) Who does the amendment affect?

Please specify which cohort (year) of students this amendment affects, and in which academic year the amendment is to apply.

2015/16(3IT,2DA) Third Year Going on Fourth
 2016/17 (16SE, 1IT) Second Year Going on Third
 2017/18 (12SE,3IT,1DA) First Year Going on Second

4) Rationale

Please provide details of the rationale for the proposed amendment(s).

Retrospectively looking back at the last three years, one of the main issues that lead to this proposal was the operational issues that arose due to the fact that the pathways were not streamlined. The main issue was around timetabling. As degree apprentices (DA) were required to adhere to a two day release model all module teaching had to be scheduled within two days. This meant that it had an impact in the student experience of the full time students as the DA students were integrated with the full time students for the on campus modules. Provided there are adequate student numbers this proposed mapping would enable double teaching of modules, reducing the effect on the full time student experience.

Modules such as ECS402W Professional Research Themes was offered in the first year first semester to Software Engineering Pathway while for IT Consultant, Business Analyst and Data Analyst pathways. The module itself is aimed at teaching students how to learn and is more suitable to be offered in the first semester first year.

ECS609W module was found to be very similar to the content covered in ECS646W and ECS635W. This was also informed by the feedback received by the students.

5) Resource implications of proposed amendment(s)

~~Are there any resource implications linked to the proposed amendment(s) as the only student offered few of the module. This was an under-utilisation of resources while having a significant impact on the student learning experience. None, it will be less resource intensive compared to the current module mapping.~~
The proposed mapping ensures that work context modules are joined for at least some of the pathways giving students the chance to have a better support network.

The proposed mapping also allows the possibility for a student to change the pathway at the end of the first year. This would help student retention as well as student experience in providing the flexibility for them to change depending on the aptitude they display in technical modules.

6) Anticipated practical implications of proposed amendment(s)

Please specify how students' study might be affected.

The changes proposed are with the view to improve the overall student experience. The students will be able to take the same first year irrespective of the pathway and make changes to the pathways before beginning a specialized module diet. This could improve significantly improve the student experience, not only fostering a large community of students studying the same modules, enabling a better support network, and also help improve student retention rates.

7) External Examiner(s) and student consultation

Have you consulted your External Examiner(s) and students about the proposed amendments? If so, please detail their comments.

The changes were mandated by the feedback that was received at Personal Advisory sessions as well as other student forums. The feedback from employers at admission was also taken in to considerations.

1. 2015/16 of IT Consultants and Data Analyst students were with the view that ECS402W - Professional Research Practices would be more useful in First year rather than second year as the same module was offered as a first year module for the Software Engineering pathway students. They also felt that ECS609W (Project Risk Management) module covered very similar content as ECS646W (Software Development and Quality) and that ECS609W was more generic than being IT specific. Having checked the endorsement document against the Tech Partnership Standard, it was found that Project Module and ECS646W could substitute ECS609W.

2. Few 2016/17 Software Engineering students were with the opinion that they should change pathways. This was also a request

received from an employer (BBC) to allow students to change pathways after they have gone through one or two semesters of student. Their opinion was that students from a non-computer science background would not know if they want to pursue a career in development or analyst etc at the start of the course. As the Degree apprenticeship program is very much career focused by allowing flexibility could significantly improve student experience and retention rates as well as be more competitive in the market.

A revised Programme Specification must accompany the Programme Amendment Form. Programme Amendments that are not accompanied by the necessary documentation will not be accepted by the Academic Secretariat.

> If the programme amendment relates to the addition of previously unapproved modules, have module proposal forms for any new module(s) been submitted?

> Has the Programme Specification been revised to take into account the programme amendment?

Approval of Programme Amendment

Director of Taught Programmes

Rachel Appleton
Digitally signed by Rachel Appleton
Date: 2018.02.07 16:45:13 Z

Head(s) of School / Institute

Simon Lucas
Digitally signed by Simon Lucas
Date: 2018.02.07 17:01:26 Z

Head(s) of supporting School / Institute

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