**XX** = Item is of significance to Council

#### A meeting of the Undergraduate Studies Committee was held on 15 September 2020 at 2.15 pm online.

Present: Professor Kevin Mitchell, Senior Lecturer/Dean of Undergraduate Studies (Chair)

Ms Patricia Callaghan, Academic Secretary Professor Catherine McCabe, Dean of Students

Professor Aidan Seery, Senior Tutor

Professor Aine Kelly, Associate Dean of Undergraduate Science Education

Professor Graeme Murdock, Associate Dean of Undergraduate Common Architecture

Professor Norah Campbell, Trinity Business School Professor Jennifer O'Meara, School of Creative Arts Professor Andrew Loxley, School of Education Professor Brendan O'Connell, School of English

Professor Peter Crooks, School of Histories and Humanities

Professor Rachel Hoare, School of Languages, Literatures and Cultural Studies

Professor Neville Cox, School of Law

Professor Breffni O'Rourke, School of Linguistic, Speech and Communication Sciences

Professor Elizabeth Nixon, School of Psychology

Professor Michael Wycherley, School of Social Sciences and Philosophy

Professor Stan Houston, School of Social Work and Social Policy

Professor Jacob Erickson, School of Religion

Professor Clair Gardiner, School of Biochemistry and Immunology

Professor Eoin Scanlan, School of Chemistry

Professor Jonathan Dukes, School of Computer Science and Statistics

Professor Nicola Marchetti, School of Engineering

Professor Juan Pablo Labrador, School of Genetics & Microbiology

Professor John Stalker, School of Mathematics Professor David O'Regan, School of Physics Professor Derek Sullivan, School of Dental Science

Professor Joe Harbison, School of Medicine

Professor Damien Brennan, School of Nursing & Midwifery

Professor Astrid Sasse, School of Pharmacy and Pharmaceutical Sciences

Professor Jake Byrne, Academic Director of Tangent Ms Megan O'Connor, Education Officer, Students' Union

Apologies: Professor Carlos Rocha, School of Natural Sciences

In attendance: Ms. Lucy Shah, Academic Affairs, Trinity Teaching & Learning; Ms Sorcha De Brunner, Academic Affairs, Trinity Teaching & Learning; Ms Linda Darbey, Assistant Academic Secretary, Trinity Teaching & Learning; Dr Ciara O'Farrell, Head of Academic Practice; Ms Siobhán Dunne, Library Representative; Ms Breda Walls, Director of Student Services, Ms Roisin Smith, Quality Officer (for item USC/20-21/004); Ms Beibhinn Coman, Director of Marketing (for item USC/20-21/007); Ms Jean Cronin, Senior Project Manager (for item USC/21-21/009).

### USC/20-21/001 Welcome

The Senior Lecturer/Dean of Undergraduate Studies welcomed all members to the first meeting of the 2020/21 academic year. He particularly welcomed new members of USC in what will be a challenging year.

He gave a brief overview of the work of the Committee. He noted the USC is a committee of Council, to which USC makes recommendations for approval. He

informed the members of the Terms of Reference, noting that members collectively have responsibility for the undergraduate curriculum. He advised that the USC is a forum for broad discussions around pedagogy and the Trinity Education. He stated that members are conduits of information for their schools and should attend meetings with consultation carried out within schools. He confirmed that Academic Affairs will continue to circulate papers in good time, and that an effort will be made for members to receive minutes once they are finalised for Council.

## USC/20-21/002 Minutes of the meeting of 19 May 2020

The minutes of 19 May 2020 were approved subject to the list of members being corrected to note that Professor Sarah Hamill, School of Law, was present for the meeting.

## USC/20-21/003 Matters arising

**USC/19-20/064** The Senior Lecturer/Dean of Undergraduate Studies reported

that Council approved the course proposal for a dual degree programme in Philosophy, with Columbia University.

**USC/19-20/065** The Senior Lecturer/Dean of Undergraduate Studies reported

that Council approved the course proposal for a dual degree

programme in Religion, with Columbia University.

**USC/19-20/067** The Senior Lecturer/Dean of Undergraduate Studies reported

that Council approved the document on 'Sophister Timetabling in the Block Structure' noting that issues would be addressed

with specific Schools.

**USC/19-20/068** The Senior Lecturer/Dean of Undergraduate Studies noted that

the document on 'Assessment: Procedures for the nonsubmission of course work and absence from examinations' was

approved by Council through USC minutes.

USC/19-20/072ii The Senior Lecturer/Dean of Undergraduate Studies advised that

Council approved the document on 'New FET Routes and

Updates' through the USC minutes.

**USC/19-20/069i** The Senior Lecturer/Dean of Undergraduate Studies reported

that the Course Sections of the Calendar were circulated to USC members during July. Feedback received was incorporated before the sections were forwarded for inclusion in the

Calendar.

#### USC/20-21/004 Workplan 2020/21

A memorandum from the Senior Lecturer/Dean of Undergraduate Studies, dated 9 September 2020, was circulated. The Senior Lecturer/Dean of Undergraduate Studies provided a broad overview of USC activities for the year ahead. He added that members are welcome to suggest additional items for the workplan at any point during the year.

The Quality Officer attended for this item to hear the discussion and then withdrew from the meeting.

#### USC/20-21/005 Resumption of Activities

The Senior Lecturer/Dean of Undergraduate Studies updated USC on the range of work which had taken place over the summer on timetabling and pedagogy. He explained that decisions in relation to the format of teaching, whether face-to-face or online, would depend on the nature of individual courses, room availability, class sizes and the evolving public health guidelines. Regarding concerns about room allocations,

he informed members that the Resumption of Teaching Working Group and staff from Estates and Facilities had carried out assessments on all spaces. He acknowledged that the parameters had moved and that the latest numbers for room capacities were lower than had been anticipated. The Associate Dean of Undergraduate Science Education (ADUSE), Chair of the Working Group on the Resumption of Teaching, advised that work is underway, in consultation with individual schools, to resolve this issue.

The Senior Lecturer/Dean of Undergraduate Studies, following up on a question raised prior to the meeting, advised that an institutional Zoom license is to be acquired. In time it is expected that this platform will be integrated with other systems in Trinity.

There were several issues raised by members on the Resumption of Activities:

- It was queried whether there are locations on campus suitable for students to use, to access online teaching, when they are timetabled for online and face-to-face lectures consecutively.
- Specific issues related to the large reduction in teaching space capacities were noted in the School of English, the School of Pharmacy and Pharmaceutical Sciences, and the School of Medicine.
- It was queried whether enhancements have been made to teaching facilities to better facilitate hybrid teaching in the Senior Lecturer's Pool Rooms.
- ➤ Estates and Facilities had removed lockers from the Science concourse which will cause difficulties for students, as they cannot bring bags and other items into laboratories for health and safety reasons.
- > Staff need more cloud storage to store lectures and materials.
- ➤ A concern was raised regarding the rationale behind the student application process for remote learning and the need for a medical certificate to be provided.
- ➤ A query was raised concerning who would be responsible for ensuring masks are worn by students during face-to-face classes, and for collecting students contact details.
- It was queried whether compulsory tutorials and seminars will be repeated at end of year for students who have missed them due to illness or self-isolation.
- Feedback from students on 24-hour online assessments revealed that some students spent up to 18 hours on these. It was queried whether assessment windows are to be reduced this year.
- Masks and visors present accessibility issues for students in both face-to-face and digital contexts. Readability of lips is compromised. There is a need for up to date guidance on this.
- There is a requirement for invigilation software for clinical examinations. These examinations are validated by professional bodies and cannot be converted to open book.

The Senior Lecturer/Dean of Undergraduate Studies addressed a number of the issues raised. He noted that rooms and spaces across campus are being evaluated to ascertain their suitability for students to use to access online teaching. He also advised that the problems caused by capacity reductions and the removal of lockers would be raised with the Director of Campus Infrastructure. On the specific issues in the School of Medicine he asked the Director of Teaching and Learning (UG) from that School to provide him with further information after the meeting.

Commenting on the student application process to request permission to undertake studies remotely, the Senior Lecturer/Dean of Undergraduate Studies reported that Trinity is striving to provide a meaningful face-to-face educational experience for

students, and the expectation is that the majority of students will participate in this. The current policy has been approved by Council. A member commented that there may be a mismatch between policy and reality, and that it is important to take care not to over-stress compulsory attendance for students. The Senior Lecturer/Dean of Undergraduate Studies noted that public health advice will always take precedence, and that this will be communicated clearly to students; if they are unwell, they should not come on to campus. Another member pointed out that the mandatory obligation on students to attend face-to-face learning may not be consistent with the Calendar. The Senior Lecturer/Dean of Undergraduate Studies advised that he would review the Calendar provision. He noted that, to-date, requests for remote learning had been low, however they may increase following the recent release of the timetable. He clarified that incoming Junior Freshmen students can make such requests through the Senior Tutor, since College Tutor allocations had not yet been made.

On the matter of accessibility issues for students in both digital and face-to-face contexts, the Senior Lecturer/Dean of Undergraduate Studies advised that IT Services are developing functionality for automatic captioning on Panopto.

Commenting on the assessment issues raised, the Senior Lecturer/Dean of Undergraduate Studies noted that examinations and assessments would feature on future agendas.

**Decision/Action USC/20-21/005(i):** The Senior Lecturer/Dean of Undergraduate Studies and the ADUSE to follow-up with the Head of Facilities and Services and the Director of Campus Infrastructure on the issues surrounding teaching spaces and the provision of lockers, particularly for student undertaking laboratory work. **Decision/Action USC/20-21/005(ii):** Assessments and accessibility issues will be placed as items on future agendas.

## USC/20-21/006

#### Foundation Scholarship – Interim Proposal for 2020/21

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A memorandum from Senior Lecturer/Dean of Undergraduate Studies and the Associate Dean of Undergraduate Common Architecture (ADUCA), dated 9 September 2020, was circulated. The Senior Lecturer/Dean of Undergraduate Studies spoke to the proposals concerning the timing and conduct of the Scholarship Examinations in 2020-21.

#### **Timing**

The Senior Lecturer/Dean of Undergraduates proposed that the Scholarship Examinations be moved to the week beginning 25 January 2021. This would provide a week in between the Senior Freshman Semester 1 assessments and the start of the Scholarship Examinations. USC members supported this recommendation.

#### Conduct

The Senior Lecturer/Dean of Undergraduate Studies commented that current regulations require that Scholarship examination papers must be unseen. He proposed three options for the conduct of the Scholarship Examinations:

- 1. Face-to-face examinations. This raises a challenge for students who are attending remotely, meaning that online examinations would also need to be organised.
- 2. Online real-time examinations. This would require the use of invigilation software.
- 3. Online open book examinations. This might not meet the requirement of unseen papers. Quotas may have to be introduced to ensure stability in the number of candidates awarded Scholarship.

These proposals generated the following comments from members:

- COVID-19 is not going anywhere, so it is sensible to work towards something that can be delivered in practical terms.
- ldeally the examinations would be face-to-face, however, it is essential that the examinations are conducted in one mode only.
- For the sake of consistency, the manner of conduct of Scholarship Examinations should reflect the policy that is in place other examinations. Scholarship Examinations should not be seen to be of more concern due to the financial implications involved.
- Online invigilated examinations are effective but consume time and resources.
- Writing examination questions that require deeper understanding diminishes the effects of cheating and plagiarism within online examinations.
- During supplementals it is suspected that students received assistance from peers. This could happen with the Scholarship Examinations.
- Setting quotas for the examinations could decrease the likelihood of students helping each other.
- Concerns were raised about introducing a quota mechanism.
- Since fewer students take the Scholarship Examinations it could be possible to organise these under normal face-to-face conditions.
- ➤ The examinations could be postponed entirely for the year. This may be favourable considering that these students have already experienced significant disruption in their first year of study.

#### **Common Architecture**

The ADUCA brought the meeting through the proposals concerning the organisation of Scholarship papers for students on programmes falling under Common Entry and Joint Honors structures of the Common Architecture. He noted that no changes are proposed for those programmes in the other categories. The proposal outlined in the memorandum for USC was broadly supported with the consensus that details would be worked out as they arise. A comment was made by the Students' Union Education Officer that students need to be provided with guidance papers for examinations where these are changing formats.

**Decision/Action USC/20-21/006(i):** USC supported the change in timing of the Scholarship Examinations from 18 January 2021 to 25 January 2021 and recommended it to Council.

**Decision/Action USC/20-21/006(ii):** No consensus was reached on the conduct of Scholarship Examinations in January 2021. The Senior Lecturer/Dean of Undergraduate Studies is to bring the diversity of opinions expressed at USC to Council.

**Decision/Action USC/20-21/006(iii):** USC recommended to Council the proposed organisation of Scholarship papers under the Common Architecture structure.

## USC/20-21/007 Trin

#### **Trinity Virtual Open Day**

A memorandum from the Director of Marketing, dated 8 September 2020, was circulated. The Senior Lecturer/Dean of Undergraduate Studies welcomed Ms Beibhinn Coman, the Director of Marketing, to the meeting.

The Director of Marketing invited the members attention to her presentation, dated September 2020, which she had circulated just before the meeting. She provided USC with a brief outline of the Virtual Open Day and highlighted the request that was being made of Schools to provide a 20-minute Panopto presentation. The Senior Lecturer/Dean of Undergraduate Studies commented that these videos would be useful beyond the Virtual Open Day and should be both broad and subject specific and should incorporate some material that would typically be used for lectures held on Open Days. Members expressed the preference that these videos be professionally

produced and be visually consistent with each other. The Students' Union Education Officer queried how students would be paid for their involvement in the Open Day. The Director of Marketing offered to meet with the Students' Union Education Officer to discuss the best mechanism.

The Senior Lecturer/Dean of Undergraduate Studies thanked the Director of Marketing, and she withdrew from the meeting.

## USC/20-21/008 Trinity Electives

This item was moved one place up the agenda.

Trinity Electives Annual Report 2019/20
 Due to lack of time this item will be considered at the next meeting of USC.

## ii. Trinity Electives Sub-Committee Membership 2020/21

A memorandum from the Associate Dean of Undergraduate Science Education, dated 7 September 2020, was circulated which outlined the Trinity Electives Sub-Committee membership for 2020/21.

**Decision USC/20-21/008ii:** The Trinity Electives Sub-Committee membership was noted and approved by USC.

## USC/20-21/009 DT2 project - online module enrolment

The Senior Lecturer/Dean of Undergraduate Studies welcomed Ms Jean Cronin, Senior Project Manager of Digital Trinity 2 (DT2), to the meeting. The Senior Project Manager invited the members attention to her presentation, dated September 2020, which had been circulated. She provided members with a summary of the highlights of the presentation. She advised USC in respect of the project's deliverables which have been completed, on deliverables in progress, and on the student experience. The Senior Project Manager drew attention to the condensed timeframe in which the outputs were delivered due to COVID-19. She commented that there had been a high number of queries (313) from students on the Trinity Electives enrolment. She established that, going forward, clearer communications will be issued to students based upon the most common queries received.

Speaking on the challenges faced by DT2, the Senior Lecturer/Dean of Undergraduate Studies emphasised that late changes made by schools to modules resulted in additional work for DT2, and that schools must strive to have finalised module information further in advance. Responding to a query from a member, the Senior Project Manager explained that the enrolment window will be reopened for students who progressed later, and that the modules will be available on a first come, first served basis based on what is left. She drew attention to the opening of online module enrolment for Senior Freshmen on 21 September and added that the one-week window may be extended by a further week due to the delay in opening this facility and to allow for a period for students to change their mind. The Senior Lecturer/Dean of Undergraduate Studies added that he would discuss the one-week extension with the Senior Project Manager and any resulting communications to students and staff.

The Senior Lecturer/Dean of Undergraduate Studies thanked the Senior Project Manager, and she withdrew from the meeting.

#### USC/20-21/010 Any other business

There was no other business.

## USC/20-21/011 Items for noting (Section C)

USC noted and approved, where necessary, the following items/documents:

#### i. USC Self-Evaluation 2019/20

A memorandum from the Senior Lecturer/Dean of Undergraduate Studies, dated 1 September 2020.

# ii. Curriculum Revisions B.Sc. in Early Childhood Education, Marino Institute of Education (approved under vacation procedures)

A memorandum from the Senior Lecturer/Dean of Undergraduate Studies, dated 8 September 2020.

# XX iii. Approval of Additional Degree Destinations for the Trinity International Foundation Programme

A memorandum from Ms Cliodhna Martin, Recruitment and Admissions International Foundation Programme, dated 2 September 2020.

## iv. Derogations 2020/21

A memorandum from Ms Sorcha De Brunner, Academic Affairs dated, 8 September 2020.



# Trinity College Dublin The University of Dublin

#### **MEMORANDUM**

To USC

From Cliodhna Martin, Recruitment and Admissions International Foundation Programme

Date 2/09/20

Reference: Approval of Additional Degree Destinations for the Trinity International Foundation Programme

## **Additional Intended Degree Destinations**

Additional intended degree course destinations for entry to Trinity in September 2021 are **highlighted in blue in the table** below with the proposed minimum progression requirements, as discussed with the relevant schools.

Progression Requirements by Intended Degree Programme: admission to Trinity in 2021/22

In addition to passing all modules, students must achieve the following minimum subject requirements and pass an interview where indicated:

Intended degree programme	Progression requirements by module
Ancient History and Archaeology & History	Overall 60% with 70% in EAP.

Ancient History and Archaeology & History of Art and Architecture	Overall 60% with 60% in EAP.
Ancient History and Archaeology & Russian	Overall 60% with 60% in EAP.
Biology and Biomedical Sciences	Overall 60% with 55% in Maths and 60% in two of Physics, Chemistry and Biology and 50% in EAP
Business + Russian/ Polish	Overall 60% with 60% in Maths and 60% in EAP.
Business and Law	Overall 60% with 60% in Maths and 60% in EAP.
Business, Economic & Social Studies	Overall 60% with 60% in Maths and 50% in EAP.
Chemical Sciences	Overall 60% with 55% in Maths and 60% in two of Physics, Chemistry and Biology and 50% in EAP.
Classical Civilisation & History of Art and Architecture	Overall 60% with 60% in EAP.
Classical Civilisation & Italian	Overall 60% with 60% in EAP. Students will be required to pass an interview to determine level at which they will study Italian.
Classical Languages & History of Art and Architecture	Overall 60% with 60% in EAP.
Classics, Ancient History and Archaeology	Overall 60% with 60% in EAP.

Clinical Speech and Language Studies	Overall 60% with 55% in Maths and 60% in two of Physics, Chemistry and Biology and 60% in EAP
Computer Science	Overall 60% with 60% in Maths and 50% in EAP
Computer Science and Business	Overall 60% with 60% in Maths and 50% in EAP
Dental Science*	Overall 70% with 65% in Maths, 70% in two of Physics, Chemistry and Biology and 60% in EAP. Students are also required to pass an interview towards the end of the programme
Drama	Overall 60% with 60% in EAP. Students are required to pass an audition
Early Childhood Education (MIE)	Overall 60% with 60% in Sociology and 50% in EAP
English Studies	Overall 60% with 70% in EAP
English Literature & Classical Civilisation	Overall 60% with 70% in EAP
English Literature & Classical Languages	Overall 60% with 70% in EAP
English Literature & History	Overall 60% with 70% in EAP

English Literature & History of Art and Architecture	Overall 60% with 70% in EAP
English Literature & Russian	Overall 60% with 70% in EAP
English Literature & Film Studies	Overall 60% with 70% in EAP and 60% in Math
Education Studies (MIE)	Overall 60% with 60% in Sociology and 50% in EAP.
Engineering (common entry)	Overall 60% with 60% in Maths and 50% in EAP.
Engineering with Management	Overall 60% with 60% in Maths and 50% in EAP
Film	Overall 60% with 60% in EAP
Film Studies & History	Overall 60% with 60% in Maths and 70% in EAP.
Geography and Geoscience	Overall 60% with 55% in Maths and 60% in two of Physics, Chemistry and Biology and 50% in EAP
Global Business	Overall 60% with 60% in Maths and 50% in EAP
History	Overall 60% with 70% in EAP

History & History of Art and Architecture	Overall 60% with 70% in EAP
History & Russian	Overall 60% with 70% in EAP
History of Art and Architecture & Italian	Overall 60% with 60% in EAP. Students will be required to pass an interview to determine level at which they will study Italian
History: Ancient and Medieval History and Culture	Overall 60% with 70% in EAP
Human Health and Disease	Overall 60% with 55% in Maths and 60% in two of Physics, Chemistry and Biology and 50% in EAP
Italian & Russian  Note: A student may only take one language at beginner's level.	Overall 60% with 60% in EAP. Students will be required to pass an interview to determine level at which they will study Italian
Law	Overall 60% with 60% in EAP
Management Science and Information Systems Studies	Overall 60% with 60% in Maths and 50% in EAP
Mathematics	Overall 60% with 80% in Maths and 50% in EAP
Medicine	Overall 70% with 65% in Maths, 70% in two of Physics, Chemistry and Biology and 60% in EAP.

	Students are also required to pass an interview towards the end of the programme.				
Middle Eastern and European Languages and Cultures	Overall 60% with 60% in EAP. Students will be required to pass an interview to determine level at which they will study a European language. Please note that French is not offered.				
Middle Eastern, Jewish and Islamic Civilisations & Classical Languages	Overall 60% with 60% in EAP				
Middle Eastern, Jewish and Islamic Civilisations & Ancient History and Archaeology	Overall 60% with 60% in EAP				
Middle Eastern, Jewish and Islamic Civilisations & History	Overall 60% with 70% in EAP				
Middle Eastern, Jewish and Islamic Civilisations & Italian	Overall 60% with 60% in EAP. Students will be required to pass an interview to determine level at which they will study Italian				
Music	Overall 60% with 60% in English for Academic Purpose. Students are required to pass an audition and may also be required to attend an interview				
Occupational Therapy	Overall 60% with 60% in Maths and 60% in Biology. 50% in EAP.				
	Overall 70% with 65% in Maths, 70% in Chemistry and 70% in either				
Pharmacy	Biology or Physics and 50% in EAP. Students are also required to pass an interview towards the end of the programme.				

Philosophy, Political Science, Economics & Sociology	Overall 60% with 60% in Maths and 50% in EAP.
Physical Sciences	Overall 60% with 55% in Maths and 60% in two of Physics, Chemistry and Biology and 50% in EAP
Physiotherapy	Overall 60% with 60% in Maths and 60% in two of Physics, Chemistry and Biology and 50% in EAP
Psychology	60% overall with 60% in math, 60% in biology and 60% in EAP.
Radiation Therapy	Overall 60% with 60% in Maths and 60% in two of Physics, Chemistry and Biology and 60% in EAP
Religion	Overall 60% with 60% in EAP
Social Studies	Overall 60% with 70% in EAP. Students are also required to pass an interview.
Sociology and Social Policy	Overall 60% with 70% in EAP.
Theoretical Physics	Overall 60% with 75% in Maths, 65% in Physics and 50% in EAP

<sup>\*</sup> Not included as part of general recruitment ie only currently available to students from approved sponsored bodies.

# **Core and Elective Modules by Intended Degree Programme**

v = compulsory module

\*= elective module, students may choose <u>two</u> of these modules

†= elective module, students may choose one of these modules

Stream A	English for Academic Purposes	Maths	Sociology	Political Science	Business	Economics	Physics	Chemistry	Biology
Ancient History and Archaeology & History	٧	٧	*	*	*	*			
Ancient History and Archaeology & History of Art and Architecture	٧	٧	*	*	*	*			
Ancient History and Archaeology & Russian	٧	٧	*	*	*	*			
Business and Law	٧	٧	†	†	٧	†			
Business and Polish/ Russian	٧	٧	†	†	٧	†			
Business, Economic & Social Studies	٧	٧	*	*	*	*			
Classical Civilisation & History of Art and Architecture	٧	٧	*	*	*	*			
Classical Civilisation & Italian	٧	٧	*	*	*	*			
Classical Languages & History of Art and Architecture	٧	٧	*	*	*	*			

Classics, Ancient History and Archaeology	٧	٧	*	*	*	*		
Drama	٧	٧	*	*	*	*		
Early Childhood Education (MIE)	٧	٧	٧	†	†	†		
English Studies	٧	٧	*	*	*	*		
English Literature & Classical Civilisation	٧	٧	*	*	*	*		
English Literature & Classical Languages	٧	٧	*	*	*	*		
English Literature & History	٧	٧	*	*	*	*		
English Literature & History of Art and Architecture	٧	٧	*	*	*	*		
English Literature & Russian	٧	٧	*	*	*	*		
English Literature & Film	٧	٧	*	*	*	*		
Education Studies (MIE)	٧	٧	٧	†	†	†		
Film	٧	٧	*	*	*	*		
Film & History	٧	٧	*	*	*	*		
Global Business	٧	٧	+	+	٧	†		

History	V	٧	*	*	*	*		
History & History of Art and Architecture	٧	٧	*	*	*	*		
History & Russian	٧	٧	*	*	*	*		
History of Art and Architecture & Italian	٧	٧	*	*	*	*		
History: Ancient and Medieval History and Culture	٧	٧	*	*	*	*		
Italian & Russian	٧	٧	*	*	*	*		
Law	٧	٧	*	*	*	*		
Middle Eastern and European Languages and Cultures	٧	٧	*	*	*	*		
Middle Eastern, Jewish and Islamic Civilisations & Classical Languages	٧	٧	*	*	*	*		
Middle Eastern, Jewish and Islamic Civilisations & Ancient History and Archaeology	٧	٧	*	*	*	*		
Middle Eastern, Jewish and Islamic Civilisations & History	٧	٧	*	*	*	*		
Middle Eastern, Jewish and Islamic Civilisations & Italian	٧	٧	*	*	*	*		
Music	٧	٧	*	*	*	*		

PPES	٧	٧	*	*	*	*		
Religion	٧	٧	*	*	*	*		
Social Studies	٧	٧	*	*	*	*		
Sociology and Social Policy	٧	٧	*	*	*	*		

Stream B	English for Academic Purposes	Maths	Sociology	Political Science	Business	Economics	Physics	Chemistry	Biology
Biological and Biomedical Science Stream	٧	٧					*	*	*
Chemical Science Stream	٧	٧					*	*	*
Computer Science	٧	٧					٧	†	†
Computer Science and Business	٧	٧					*	*	*
Clinical Speech and Language Studies	٧	٧					*	*	*
Dental Science <sup>\$</sup>	٧	٧					*	*	*
Engineering	٧	٧					٧	٧	
Engineering with Management	٧	٧					٧	٧	

Geography and Geoscience Stream	V	٧					*	*	*
Human Health and Disease	٧	٧					*	*	*
Maths	٧	٧	*	*	*	*	*	*	*
Medicine <sup>\$</sup>	٧	٧					*	*	*
MSISS	٧	٧			*		*	*	*
Pharmacy	٧	٧					†	٧	+
Physical Science Stream	٧	٧					*	*	*
Physiotherapy	٧	٧					*	*	*
Radiation Therapy	٧	٧					*	*	*
Theoretical Physics	٧	٧					٧	†	†

Combined Streams	English for Academic Purposes	Maths	Sociology	Political Science	Business	Economics	Physics	Chemistry	Biology
Occupational Therapy	٧	٧	٧						٧
Psychology	٧	٧	†	†	†	†			٧