



**THE UNIVERSITY *of* EDINBURGH**  
**MUSIC PROGRAMME**  
**1999/2000**

*Price £5.50*

## Notes on Changes in Courses

Every effort has been made to ensure that the information contained in this Calendar is accurate at the time of going to press. The University will take all reasonable steps to provide the educational services described in this Calendar. However, the content of individual courses and the curriculum for any given degree are under constant academic review in light of current circumstances and may change from time to time, with some courses being modified, discontinued or replaced.

In addition, external factors such as industrial action or the death or departure of staff may make it impossible, or possible only at prohibitive expense, for the University to provide a previously offered option. In the interest of rational deployment of resources, options offered may be subject to a minimum level of interest being shown in any given year.

The University does not generally provide education to UK and EU students on a commercial basis. It is also very largely dependent on public funds which the University has to manage in a way which is efficient and cost-effective and on charitable and other sources of funding over which the University may have little control.

For all the foregoing reasons, the University reserves the right not to provide any particular course, curriculum or facility, to make variations to the content or method of delivery of courses, to discontinue courses and to merge or combine courses if such action is reasonably considered to be necessary by the University. If the University discontinues any course it will use reasonable endeavours to provide a suitable alternative course and will take all reasonable steps to minimise any disruption which might result from such changes.

*For full details of the University's Terms and Conditions of Admission, please refer to the current Undergraduate or Postgraduate Prospectus.*

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## World Wide Web Access to the University of Edinburgh Calendar

During the course of the year, after publication, any changes made to the text should be accessible via the University's electronic information service EDINFO.

Calendar Internet Address: <http://www.iprs.ed.ac.uk/calendar/>

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music

## Academic terms 1999-2000

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Autumn 11 October —17 December

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Spring 10 January —17 March

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Summer 18 April —23 June

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First-year students in residence 5 October  
 Second- and subsequent-year students in residence 7 October

## Teaching Staff

Professor	Kimbell, D R B, MA, D PHIL, LRAM
Reid Professor	Osborne, N, BA, B MUS, FRCM
Reader	Harper, E J, MA, B MUS, LRAM, ARCM
Reader	Monelle, R J, MA, B MUS, PH D, ARCM
Senior Lecturer	Kitchen, J P, MA, B MUS, PH D, FRCO, LRAM
Senior Lecturer	Nelson, P W, MA, B MUS, M MUS
Senior Lecturer	O'Regan, T N, M SC, B MUS, PH D
Senior Lecturer	Turnbull, T M, MA, D PHIL, LRAM, ARCO
Lecturer	Coates, L, MA, LRAM, ARCO
Lecturer	Myers, A, B SC, PH D, DIP LIB, FI INF SC
Lecturer	O'Brien, G G, B SC, PH D
Lecturer	Sheinberg, E, BA, PH D
Lecturer	Trewin, A M, B SC, PH D, FRAS

## Faculty of Music

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Dean	Professor D R B Kimbell
Directors of Studies	Dr F Elliott Dr J P Kitchen Dr E Sheinberg
Faculty Officer	Mrs L J Godwin

All enquiries should be addressed initially to the Faculty Office, Alison House, 12 Nicolson Square, Edinburgh EH8 9DF.

### Degrees and Diploma

The Faculty of Music offers the Degrees of Bachelor of Music (B Mus) and Bachelor of Music with Honours (B Mus Hons): both the B Mus and the B Mus Hons can be taken to include studies in Music Technology (B Mus - Mus Tech and B Mus Hons - Mus Tech) and the Postgraduate Degrees of Master of Music (M Mus), Master of Philosophy (M Phil), Doctor of Philosophy (Ph D) and Doctor of Music (D Mus). The Faculty also offers a Diploma in Music (Dip Mus). This programme sets out the information applicable to students taking B Mus courses. Details of Postgraduate Degrees and the Diploma will be found in the Programme of Postgraduate Study.

### Enrolment and payment of fees

All students must matriculate between the 4 October and 12 October between 9.45-12.15, 1.45-4.30, Mondays to Fridays, including Saturday 9 October 9.45am-12.15pm.

Students should take with them to matriculation: (i) enrolment document(s) signed by the relevant member of staff at the Faculty Office; (ii) a letter of award or other document stating who is paying the fees, or if personally liable, remittances in sterling to the full value of the fees payable; (iii) new entrants only must produce formal proof of identity: students who have travelled or lived outside the UK should produce a passport and other students should produce a passport or birth certificate.

Fees are payable in full at the time of enrolment. Annual fees must be paid by 12 October, otherwise a late fee will be charged. Single class fees must be paid by 12 October, 14 January or 21 April for classes starting respectively in the Autumn, Spring or Summer terms. By these dates, a student must be able to produce evidence of formal matriculation before being admitted to a class. No student will be admitted to a qualifying course more than two weeks after the date of opening without the express permission of the Dean of the Faculty. Fees may not be paid by post other than by students who are permitted, as part of their studies, to be absent from the University.

New students will receive detailed instructions relating to matriculation and payment of fees in advance of their arrival at the University.

Continuing students will receive details when they obtain their matriculation documents from the Faculty Office. Enquiries should be addressed to the Student Fees Section of the Registry, Old College.

### Fees

The following fees† are exigible:

Annual Fee:	
Home students	£1,025
Overseas Students	£9,160
Non-Graduating Students	£6,470

Late fee (for late matriculation ) £30.

Non-matriculated students are admitted to the following classes: History of Music I and History of Music II. Further Information may be obtained from the Centre of Continuing Education, 11 Buccleuch Place, EH8 9LW. (Tel. 650 4400; Fax. 667 6097).

### Data Protection Act

The Data Protection Act 1984 has been replaced by The Data Protection Act 1998. The new act will be brought fully into force sometime during 1999. Until the commencement date, when the 1984 Act will be repealed, it remains in force.

The 1998 Act is wider in scope than the 1984 Act. As the University move towards compliance with the new Act information will be posted to the new Data Protection Web pages.

The University is registered under the Data Protection Act as a Data User. All uses, for the University's purpose, of what the Act defines as "Personal Data" must be registered.

The registration covers Personal Data stored or processed for University purposes whether on University equipment or on privately owned machines. The University is also registered as a Computer Bureau as defined by the Act.

The Act places responsibilities on a Data User's "servants and agents" corresponding to those which apply to the Data User. In this context members of the University's staff are its "servants and agents". All staff are responsible, with the guidance of the University's Data Protection Officer, for fulfilling the University's obligations under the terms of the Act. Members of staff must therefore ensure that the holding, use and disclosure of any Personal Data for which they are responsible is in accordance with the University's registration and that the requirements of the Act, and the Data Protection Principles, are observed. Academic and academic-related staff are responsible for the conduct in these matters both of the other University staff, including clerical and technical staff, and of the students whom they supervise.

The University had adopted the following policy governing use of Personal Data by students:

- (a) A student should only use personal data on a computer for a University-related purpose with the knowledge and express consent of an appropriate member of

†All fees are provisional and are revised annually.

staff (normally, for a postgraduate, this would be the supervisor, and for an undergraduate, the person responsible for teaching the relevant class/course).

- (b) The use of University-registered personal data by students should be limited to the minimum consistent with the achievement of academic objectives. Wherever possible data should be de-personalised so that students are not able to identify the subject.

Use of Personal Data by students is subject to the regulations set out below. The University's policy stated above and the regulations are based on the principle that students must only use Personal Data under the guidance of a member of staff. A breach of these regulations is an offence against University discipline.

- 1 Students must not construct or maintain computer files of personal data for use in connection with their academic studies/research without the express authority of the appropriate member of staff.
- 2 When giving such authority, the member of staff shall make the student aware of the requirements of the Data Protection Act and of the appropriate level of security arrangements which attach to the particular set of personal data.
- 3 Students must abide by the Data Protection Principles and follow the instructions of the University in relation to any uses of personal data registered by the University.

Advice and information about registration and all other aspects of data protection are available from the University's Data Protection Officer.

### Plagiarism

The University's degrees and other academic awards are given in recognition of the candidate's personal achievement. Plagiarism (that is the action of including or copying, without adequate acknowledgement, the work of another in one's own work as if it were one's own) is academically fraudulent and an offence against University discipline.

Plagiarism, at whatever stage of a candidate's course, whether discovered before or after graduation, will be investigated and dealt with appropriately by the University. If after investigation it is established that work submitted for assessment has been plagiarised to a significant extent, that will be permanently noted on a candidate's record.

The full text of the University's policy, and a statement of the steps which the university may take in cases where a candidate uses or is thought to have used the work of another person or persons in his/her work, are listed in full in the examination regulations and guidelines, section 5.5 At the following url:

<http://www.admin.ed.ac.uk/registry/student/contents.htm>

### Examination Regulations and Guidelines

The full text of this document can be accessed on the Registry's web pages (under Information for Students and Applicants/Examinations)

<http://www.admin.ed.ac.uk/registry/student/contents.htm>

Information on **Failure to Complete an Examination** is given in Section 10.

The following extract is from section 15. Students wishing to submit an appeal should consult the full document and not rely on this extract.

### Appeals

- (i) Factors which may adversely affect a candidate's performance in an examination, such as personal illness or the illness of a close relative or partner immediately before or during the examination, must be drawn to the attention of the examiners in writing by the candidate as soon as possible and, in any event, before the meeting of the Board of Examiners.
- (ii) A candidate may appeal against an examination result on the grounds of:
- (a) substantial information directly relevant to the quality of performance in the examination which for good reason was not available to the examiners when their decision was taken. Ignorance of the requirement mentioned in paragraph (i) above to report timeously factors which may have adversely affected a candidate's performance, or failure to report such factors on the basis that the candidate did not anticipate an unsatisfactory result in the examination, can never by themselves constitute good reason; or
- (b) alleged improper conduct of an examination. For this purpose "conduct of an examination" includes conduct of a meeting of the Board of Examiners.

Appellants must specify the formal ground or grounds under which they believe their appeal should be considered. They must also specify the basis or bases on which the formal grounds are invoked.

Any appeal must be submitted in writing to the Secretary to the University as soon as possible; only in exceptional circumstances may an appeal be considered more than three months after the results of an examination have been available to the appellant.

### General

The Faculty of Music premises comprise the Reid Concert Hall, which houses the Edinburgh University Collection of Historic Musical Instruments; Alison House, in which are situated the Faculty Offices, the Reid Music Library and reading rooms, lecture and tutorial rooms, piano and organ practice studios, electronics studio, computer laboratory, and the gramophone record library and listening rooms; and St Cecilia's Hall which, in addition to housing in the exhibition galleries the Russell Collection of early keyboard instruments, contains a concert hall.

## Degree of Bachelor of Music/Degree of Bachelor of Music in Music Technology: regulations

**Preliminary requirement.** Prior to admission to the degree curricula all applicants must, unless expressly exempted by the Dean, attend for an interview. During the interview they will be required to perform on their chosen instrument and take a number of practical tests.

### Music Technology

Both the Ordinary degree of B Mus and the Honours degree can be taken to include studies in Music Technology (B Mus - Mus Tech and B Mus Hons - Mus Tech). Those curricula bring together scientific and artistic approaches to the academic discipline of music and are operated in collaboration with the Department of Physics. The different curricula and schemes of examination are set out after the Regulations.

### 1 Degree of B Mus

1.1 All candidates must attend courses of instruction during not less than three academic years each of three terms obtaining at least 360 credits. But in special circumstances or generally in the case of a candidate who has already successfully completed a part or the whole of the curriculum and examinations for a degree in music in another University, the Senatus on a recommendation by the Faculty of Music may grant exemption from attendance during not more than two years of the curriculum and from the 1st and 2nd B Mus examinations to a maximum of 240 credits.

1.2 There shall be three degree examinations, namely the 1st B Mus examination to be taken on completion of the first year course; the 2nd B Mus examination to be taken on completion of the second year course; and the final examination for B Mus, to be taken on completion of the third year course.

1.3 The examinations for B Mus shall be partly written and partly practical.

1.4 The examinations for B Mus shall be held twice each year (in summer and autumn). A list will be published of students who have satisfactorily completed courses of instruction and who are therefore permitted to present themselves for the corresponding degree examinations. A candidate must present for every subject in the examination in the first instance. Passes or failures shall be recorded in each subject of the examination. Where a candidate has failed in any subject or subjects he/she must re-present himself/herself at the second diet of examination in all subjects in which he/she has failed.

1.5 A candidate who at the end of any year of his/her curriculum has failed in any subject of examination shall be allowed to present himself/herself for examination in that subject in the following year only with the express and written authority of the Dean.

1.6 A student who in any year of his/her curriculum does not complete the course of instruction to the satisfaction of the Faculty of Music or who fails in degree examinations shall normally, on the recommendation of the Faculty, be forbidden by the Senatus to attend courses thereafter or to present himself/herself again for examination.

1.7 To be eligible to progress from the first to the second year course, a student shall normally have achieved 120 credits in subjects undertaken during the first year, but must have achieved a minimum of 100 credits. To be eligible to progress from the second to the third year course, he/she shall normally have achieved 240 credits in subjects undertaken during the first two years, but must have achieved a minimum of 220 credits. In cases where the normal number of credits has not been achieved (i.e. 120 on completion of the first year course, and 240 on completion of the second year course), progression will be sanctioned only on condition that the student's Director of Studies has made such a recommendation, and that it has been duly authorised by Faculty. In such cases, the student shall carry the failed subject into the following year, and must pass the examination in that subject at the first or second diet of examinations.

## 2 Degree of B Mus Hons

2.1 All candidates for the Degree of B Mus with Honours must attend courses of instruction during not less than four academic years each of three terms, obtaining at least 480 credits. But the Senatus may on a recommendation of the Faculty of Music (a) in the case of a candidate who has already completed a part or the whole of the curriculum and examinations for a degree in music in another University, grant exemption from either the 1st or the 2nd B Mus Examination, or from both, and from not more than two years of the curriculum to a maximum of 240 credits, or (b) permit a candidate who is not eligible for the concessions under (a) to attend in his/her Junior Honours year (normally the third year of a four-year Honours course) appropriate courses at an approved university other than the University of Edinburgh. In the case of (b) above, a minimum of 120 credits must be earned, or must be deemed by the Faculty to have been earned during this year.

2.2 Unless granted a concession or exemption under para. 2.1 candidates must, before admission to the Honours curriculum, have completed the first two years of the curriculum for the Degree of B Mus and must have passed all subjects of the 2nd B Mus examination in the June diet (i.e. they must have achieved 240 points).

2.3 Notwithstanding the requirement of Regulation 2.2, the Faculty of Music may at its discretion admit to Senior Honours a student who has fulfilled all the requirements for the Ordinary B Mus degree.

2.4 The Final Honours examination shall be partly written and partly practical; some students may be required to attend a *viva voce* examination.

2.5 The Final Honours examination shall be held once a year (in summer). A candidate who satisfies the examiners in this examination shall be awarded Honours in one of three grades to be denominated respectively First Class, Second Class and Third Class, of which the Second Class shall be divided into Division I and Division II. There shall be no re-examination for Honours. A candidate who fails to satisfy the examiners for the award of the Honours degree may on the recommendation of the examiners be permitted to count those subjects of the examination in which he/she has satisfied them as passes towards the requirements of the Final Examination for the degree of B Mus.

## 3 Failure to Complete a Degree Examination

For information on failure to complete a degree examination (Honours and non-Honours, in the year preceding Final Year or in the Summer diet of Final Year, and MBChB examinations) see the Examination Regulations and Guidelines section 10.

The full text can be accessed on the Registry's web pages (under Information for Students and Applicants/Examinations)

<http://www.admin.ed.ac.uk/registry/student/examreg/failure.htm>

## 4 Music within other degrees

Students wishing to study Music as part of a broader degree may take it as either an outside subject or a secondary subject in certain other Faculties. (See History of Music 1, 2, 3, and 4 in the Arts Faculty Programme.)

## Degree of B Mus: curriculum

### Syllabus

<b>1st year</b> (125)	MU0001
<b>Counterpoint I</b> (20)	MU0009
Lectures and tutorials. Palestrina and Bach invention.	
<b>Harmony I</b> (20)	MU0008
Lectures and tutorials. Bach chorale and classical string quartet.	
<b>History of Music I</b> (25)	MU0006
Lectures and tutorials. Period: Up to c 1820.	
<b>Keyboard and Aural Skills</b> (20)	MU0010
Tutorials and classes. Score reading, figured bass, transposition. Students who have passed all internal tests during the session may be exempted from the degree examination.	
<b>Performance Seminars</b> (5)	MU0029
Discussion and coaching of various aspects of individual and group performance; master classes with visiting professional musicians.	
<b>Acoustics, History of Instruments and Ethnomusicology</b> (20)	MU0012
Lectures and demonstrations. An elementary course on aspects of acoustics relevant to musical sound, the basic principles of musical instruments, and the study of music in its cultural context, with special reference to music outside the European art tradition.	
<b>Elementary Analysis</b> (15)	MU0007
Lectures and seminars.	
<b>2nd year</b> (120)	MU0017
<b>Counterpoint II</b> (20)	MU0025
Tutorials. Invention, fugue and Palestrina style.	
<b>Harmony II</b> (20)	MU0024
Tutorials. Nineteenth-century styles.	
<b>Composition</b> (10)	MU0020
Tutorials.	
<b>Orchestration</b> (10)	MU0021
(Autumn and spring terms) Lectures and class work (with compulsory submissions), including aspects of acoustics.	
<b>History of Music II</b> (20)	MU0022
Lectures and tutorials. Period: c.1800 to the present, including an introduction to electronic music.	
<b>Performance Seminars</b> (5)	MU0029
Discussion and coaching of various aspects of individual and group performance; master classes with visiting professional musicians.	

<b>Keyboard Skills</b> (15)	MU0026
Tutorials. Score reading, figured bass, transposition. Students who have passed all internal tests during the session may be exempted from the degree examination.	
<b>Analysis and Aesthetics</b> (20)	MU0023
Lectures and Tutorials.	
1st and 2nd year subjects will be examined by submissions and written and practical examinations.	
<b>3rd year</b> (120)	MU0034
Students are required to choose <b>four subjects</b> from <i>at least three</i> of the following Groups:	
<b>I Technical and Compositional Studies</b> (30)	
Composition (including Electronics) III	MU0046
Counterpoint/Fugue III	MU0044
Electroacoustic Composition	MU0086
Harmony III	MU0043
Orchestration	MU0045
<b>II Historical and Musicological Studies*</b> (30)	
Musicological Method	MU0048
Palaeography/Notation	MU0047
Special Historical Subjects (to be announced)	
<b>III Performance and Organological Studies</b> (30)	
Ethnomusicology I	MU0055
(comprising Theory and Methods of Ethnomusicology (15) and one regional analysis course (15)) †	MU0085
History of Instruments	MU0051
Keyboard Skills	MU0052
Music in the Community I	MU0061
Performance Practice	MU0050
<b>IV Scientific and Theoretical Studies</b> (30)	
Acoustics	MU0054
Aesthetic and Analytical Issues Since 1945	MU0084
Aesthetics	MU0056
Analysis	MU0049
Music Technology I	MU0053
Musical Semiotics	MU0087

\*A reading knowledge of a modern language will be necessary for some options.

† Either component may be taken as a half-course by students in other Faculties.

NB: Not all subjects will necessarily be available in any one year.

These subjects will be taught in seminars, tutorials and practical classes, and examined by submissions and written and practical examinations.

As an alternative to one of the four subjects, students may opt to make a submission in the form of a *recital* (MU0062): this would be deemed to be a subject within *Group III*.

## Degree of B Mus Honours: curriculum

### 1st and 2nd years

as for B Mus

3rd year (120)

MU0032

4th year (120)

MU0075

Students are required to choose **eight subjects** to be taken over two years (four subjects in 3rd year; four subjects in Final year), including at least **one** from **each Group** or

**Seven subjects**, including at least **one** from **each Group**, plus one course to be taken in another Faculty (subject to the approval of the Faculty in question).

- |            |  |        |
|------------|--|--------|
| <b>I</b>   | <b>Technical and Compositional Studies</b> (30)        |        |
|            | Composition (including Electronics) III                | MU0046 |
|            | Composition (including Electronics) IV                 | MU0080 |
|            | Counterpoint/Fugue III                                 | MU0044 |
|            | Counterpoint/Fugue IV                                  | MU0074 |
|            | Electroacoustic Composition                            | MU0086 |
|            | Harmony III  | MU0043 |
|            | Harmony IV   | MU0073 |
|            | Orchestration  | MU0045 |
| <b>II</b>  | <b>Historical and Musicological Studies*</b> (30)      |        |
|            | Musicological Method                                   | MU0048 |
|            | Palaeography/Notation                                  | MU0047 |
|            | Special Historical Subjects (to be announced)          |        |
| <b>III</b> | <b>Performance and Organological Studies</b> (30)      |        |
|            | Ethnomusicology I                                      | MU0055 |
|            | (comprising Theory and Methods of Ethnomusicology (15) | MU0085 |
|            | and one regional analysis course (15)) †               |        |
|            | Ethnomusicology II                                     | MU0082 |
|            | History of Instruments                                 | MU0051 |
|            | Keyboard Skills  | MU0052 |
|            | Music in the Community I                               | MU0061 |
|            | Music in the Community II                              | MU0077 |
|            | Performance Practice                                   | MU0050 |
| <b>IV</b>  | <b>Scientific and Theoretical Studies</b> (30)         |        |
|            | Acoustics  | MU0054 |
|            | Aesthetic and Analytical Issues Since 1945             | MU0084 |
|            | Aesthetics   | MU0056 |
|            | Analysis   | MU0049 |
|            | Music Technology I                                     | MU0053 |
|            | Music Technology II                                    | MU0081 |
|            | Musical Semiotics                                      | MU0087 |

\*A reading knowledge of a modern language will be necessary for some Honours options.

† Either component may be taken as a half-course by students in other Faculties.

NB: Not all subjects will necessarily be available in any one year.

These subjects will be taught in seminars, tutorials and practical classes, and examined by submissions and written and practical examinations.

As an alternative to *one* of the four subjects taken in **4th year**, students may opt to make a further submission. Such submission will take one of the following forms:

- (a) A portfolio of compositions (which may include electronic compositions) **MU0088**
- (b) An extended essay **MU0072**
- (c) An edition **MU0089**
- (d) A recital (not available for students who have already given a recital as part of a three-year Ordinary degree course) **MU0062**
- (e) A portfolio of recordings **MU0090**
- (f) A portfolio of orchestrations **MU0091**

## General Requirements

### Instrumental performance

B Mus students are required to study one or more instruments (or singing) throughout the major part of the course, and to arrange for tuition with private teachers after consultation with the Director of Studies.

The B Mus Degree can be taken at both Ordinary and Honours level in Music Technology. This course brings together scientific and artistic approaches to the academic discipline of music, and is run in collaboration with the Department of Physics.

## Degree of B Mus - Music Technology: curriculum

### Syllabus

<b>1st year</b> (120)	<b>MU0003</b>
<b>Counterpoint I</b> (20)	<b>MU0009</b>
Lectures and tutorials. Palestrina and Bach invention.	
<b>Harmony I</b> (20)	<b>MU0008</b>
Lectures and tutorials. Bach chorale and classical string quartet.	
<b>Elementary Analysis for 1st BMus - Mus Tech</b> (15)	<b>MU0004</b>
Lectures and seminars.	
<b>Musical Acoustics 1h</b> (20)	<b>PH0003</b>
M, Th, F 2 Lectures (first half session). Tutorials and demonstrations.	
<b>Mathematics 1D1h or 1E1h</b> (20)	<b>MS0009 or MS0007</b>
Students will normally take Mathematics 1D1h.	
<b>Music Technology Ib</b> (25)	<b>MU0015</b>
Seminars and demonstrations. Sound recording techniques. Creative work with sound.	
<hr/>	
<b>2nd Year</b> (120)	<b>MU0019</b>
<b>Counterpoint II</b> (20)	<b>MU0025</b>
Tutorials. Invention, fugue and Palestrina style.	
<b>Harmony II</b> (20)	<b>MU0024</b>
Tutorials. Nineteenth-century styles.	
<b>Orchestration</b> (10)	<b>MU0021</b>
(Autumn and Spring Terms) Lectures and class work (with compulsory submissions), including aspects of acoustics.	
<b>Electronics 1h</b> (20)	<b>EE0002</b>
M, Tu, Th 5 (second half session). Laboratory and tutorial, three hours per week, 2-5pm as arranged.	
An introduction to the basic principles, concepts and techniques used in modern digital and analogue electronic circuits.	
<b>Mathematics 1D2h or 1E2h</b> (20)	<b>MS0002 or MS0011</b>
Students will normally take Mathematics 1D2h.	
<b>Music Technology Iib</b> (30)	<b>MU0030</b>
Tutorials and demonstrations. Signal processing. MIDI, sampling and sequencing. Creative work with sound.	
1st and 2nd year subjects will be examined by submissions and written and practical examinations.	

<b>3rd Year</b> (120)	MU0035
<b>Analysis and synthesis of sound</b> (30)	MU0067
Lectures, demonstrations and practical work. Times to be arranged.	
<b>Acoustics of Musical Instruments</b> (30)	MU0068
Lectures, demonstrations and practical work. Times to be arranged.	
<b>Music Technology III</b> (40)	MU0069
Seminars and demonstrations. Methods of digital sound synthesis. Advanced MIDI and programming. Creative work with sound.	
<b>History of Music II</b> (as 2nd BMus) (20)	MU0022
Lectures and tutorials. Period: c.1800 to the present.	

## Degree of B Mus Honours - Music Technology: curriculum

**1st and 2nd years** as for B Mus - Mus Tech

**3rd Year** (120/130) MU0031

**Analysis and synthesis of sound** (30) MU0067

Lectures, demonstrations and practical work. Times to be arranged.

**Computer Programming Skills and Concepts 1h** (20) CS0004

M 2, Tu, Th 11 (first half session). Tutorials and practical work as arranged.

This course is intended for students with little previous experience of programming using a modern development environment. The course introduces basic skills required to use modern computer systems to develop programs. It also introduces fundamental concepts of program construction in a suitable high-level programming language. The course has a significant practical component requiring students to construct small programs.

**Music Technology III** (40) MU0069

Seminars and demonstrations. Methods of digital sound synthesis. Advanced MIDI and programming. Creative work with sound.

plus *one* other course taken from any of the Groups described in MU0034 (subject to the approval of the Faculty of Music)

or

another *one* course to be taken in another Faculty (subject to the approval of the other Faculty).

**4th Year** (120/130) MU0076

**Acoustics of Musical Instruments** (30) MU0068

Lectures, demonstrations and practical work. Times to be arranged.

**Music Technology IV** (40) MU0076

Supervised project.

**History of Music II** (as 2nd BMus) (20) MU0022

Lectures and tutorials. Period: c.1800 to the present.

plus another *one* course taken from any of the Groups described in MU0075 (subject to the approval of the Faculty of Music)

or

another *one* course to be taken in another Faculty (subject to the approval of the other Faculty).

(This option is not available for students who have already taken a course in another Faculty in third year.)

As an alternative to *one* of the subjects chosen from **MU0075** in 4th year, students may opt to make a submission. Such submission will take one of the following forms:

- a) A portfolio of compositions (which may include electronic compositions) **MU0088**
- b) An extended essay **MU0072**
- c) An edition **MU0089**
- d) A recital **MU0062**
- e) A portfolio of recordings **MU0090**
- f) A portfolio of orchestrations **MU0091**

## Subjects of examination: B Mus

### 1st B Mus examination

- |     |                                |                       |   |
|-----|--------------------------------|-----------------------|---|
| (a) | Written papers/<br>submissions | 1<br>2<br>3<br>4<br>5 | Counterpoint<br>Harmony<br>General history of music<br>Analysis/Special historical topics<br>Acoustics, History of Instruments and<br>Ethnomusicology |
| (b) | Practical                      | 6                     | Keyboard and Aural skills   |

### 2nd B Mus examination

- |     |                                |                  |  |
|-----|--------------------------------|------------------|--|
| (a) | Written papers/<br>submissions | 1<br>2<br>3<br>4 | Counterpoint<br>Harmony<br>History of music<br>Analysis and Aesthetics |
| (b) | Practical                      | 5<br>6           | Instrumental or vocal performance<br>Keyboard skills                   |
| (c) | Submission                     | 7                | Compositions   |

### Final examination for B Mus

- (a) **Four** subjects from the following Groups will be examined by written papers, submissions and practical tests:

#### I Technical and Compositional Studies

Composition (including Electronics) III  
Counterpoint/Fugue III  
Electroacoustic Composition  
Harmony III  
Orchestration

#### II Historical and Musicological Studies

Musicological Method  
Palaeography/Notation  
Special Historical Subjects

### III Performance and Organological Studies

Ethnomusicology I  
History of Instruments  
Keyboard Skills  
Music in the Community I  
Performance Practice

### IV Scientific and Theoretical Studies

Acoustics  
Aesthetic and Analytical Issues Since 1945  
Aesthetics  
Analysis  
Music Technology I  
Musical Semiotics

- (b) Submission option to be handed in not later than 1 May Recital programme

### Final examination for B Mus Honours

- (a) Subjects will be examined by written papers, submissions and practical tests:
- (i) **Eight** subjects from the following groups:  
or
  - (ii) **Seven** subjects from the following Groups, and **one** course to be taken in another Faculty:

#### I Technical and Compositional Studies

Composition (including Electronics) III  
Composition (including Electronics) IV  
Counterpoint/Fugue III  
Counterpoint/Fugue IV  
Electroacoustic Composition  
Harmony III  
Harmony IV  
Orchestration

#### II Historical and Musicological Studies

Musicological Method  
Palaeography/Notation  
Special Historical Subjects

#### III Performance and Organological Studies

Ethnomusicology I  
Ethnomusicology II  
History of Instruments  
Keyboard Skills

Music in the Community I  
 Music in the Community II  
 Performance Practice

**IV Scientific and Theoretical Studies**

Acoustics  
 Aesthetic and Analytical Issues Since 1945  
 Aesthetics  
 Analysis  
 Music Technology I  
 Music Technology II  
 Musical Semiotics

- (b) Submission option to be handed in not later than 1 May
- An appropriate submission in one of the following forms
- (a) A portfolio of compositions (which may include electronic compositions)
  - (b) An extended essay
  - (c) An edition
  - (d) A recital
  - (e) A portfolio of recordings
  - (f) A portfolio of orchestrations
- (c) A *viva voce* examination

## Subjects of Examination: B Mus - Music Technology

### 1st B Mus-Mus Tech examination

Written papers/	1	Counterpoint
submissions	2	Harmony
	3	Analysis
	4	Music Technology Ib
	5	Musical Acoustics 1h
	6	Mathematics 1D1h <b>MS0009</b> or Mathematics 1E1h <b>MS0007</b>

### 2nd B Mus - Mus Tech examination

Written papers/	1	Counterpoint
submissions	2	Harmony
	3	Music Technology IIb
	4	Mathematics 1D2h <b>MS0002</b> or Mathematics 1E2h <b>MS0011</b>
	5	Electronics 1h <b>EE0002</b>

### Final examination for B Mus - Mus Tech

Written papers/	1	Analysis and synthesis of sound
submissions	2	Acoustics of Musical Instruments
	3	Music Technology III
	4	History of Music

### Final examination for B Mus Honours - Music Technology

a) Written papers/	1*	Analysis and synthesis of sound
submissions	2	Acoustics of Musical Instruments
	3*	Computer Programming Skills and Concepts 1h <b>CS0004</b>
	4*	Music Technology III
	5	Music Technology IV
	6	History of Music

plus *two* papers from those described in the Final examination for B Mus Honours  
 or

*one* examination to be taken in another Faculty, plus *one* paper from those described in the Final examination for B Mus Honours.

Note: Papers marked \* will normally be taken in the Third Year.

b) Submission option to be handed in not later than 1 May

An appropriate submission in one of the following forms:

- a) A portfolio of compositions
- b) An extended essay
- c) An edition
- d) A recital
- e) A portfolio of recordings
- f) A portfolio of orchestrations

c) A *viva voce* examination

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simply log on and type edinfo (lower case).