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APST05 MRES/ECOLOGY & ENVIRONMENT FT (ECOLOGY AND ENVIRONMENT)  

Year 1

1A. A student will take
   
   APS6606  F7  Advanced Trends in Biology  ACAD YR 16  15
   APS6607  F7  Advanced Biological Analysis  AUT SEM 16  15
   APS6608  F7  Research and Study Skills in Biology  ACAD YR 16  30
   APS6609  F7  Tutorials  ACAD YR 16  15
   APS6610  F7  Literature Review  AUT SEM 16  15
   APS6611  F7  Research Project  ACAD YR 16  90

APST06 MRES/EVOLUTION & BEHAVIOUR FT (EVOLUTION AND BEHAVIOUR)  

Year 1

1A. A student will take
   
   APS6606  F7  Advanced Trends in Biology  ACAD YR 16  15
   APS6607  F7  Advanced Biological Analysis  AUT SEM 16  15
   APS6608  F7  Research and Study Skills in Biology  ACAD YR 16  30
   APS6609  F7  Tutorials  ACAD YR 16  15
   APS6610  F7  Literature Review  AUT SEM 16  15
   APS6611  F7  Research Project  ACAD YR 16  90

APST07 MRES/PLANT & MICROBIAL BIOLOGY (PLANT AND MICROBIAL BIOLOGY)  

Year 1

1A. A student will take
   
   APS6606  F7  Advanced Trends in Biology  ACAD YR 16  15
   APS6607  F7  Advanced Biological Analysis  AUT SEM 16  15
   APS6608  F7  Research and Study Skills in Biology  ACAD YR 16  30
   APS6609  F7  Tutorials  ACAD YR 16  15
   APS6610  F7  Literature Review  AUT SEM 16  15
   APS6611  F7  Research Project  ACAD YR 16  90
BMST02 MSC/STEM CELL & REGTVE MED (FT (STEM CELL AND REGENERATIVE MEDICINE) (2016-2017) (FT)

Year 1

1A. A student will take
   BMS6053  F7  Critical Analysis of Current Science  ACAD YR 16  15
   BMS6054  F7  Ethics and Public Awareness of Science  AUT SEM 16  15

1B. A student will take 30 credits from this group.
   BMS6056  F7  Stem Cell Biology  SPR SEM 16  15
   BMS6351  F7  Gametes Embryos and Stem Cells  AUT SEM 16  15
   BMS6398  F7  Tissue Engineering in Biomedical Science  SPR SEM 16  15

1C. A student will take
   BMS6081  F7  Human Embryonic Stem Culture Techniques  SPR SEM 16  15
   BMS6082  F7  Practical Cell Biology  AUT SEM 16  15

1D. A student will take
   BMS6051  F7  Literature Review  AUT SEM 16  30

1E. A student will take
   BMS6052  F7  Laboratory Research Project  ACAD YR 16  60

2. A student who has been awarded one hundred and twenty credits in respect of units listed at 1A, B and C and D above will be eligible for the award of the Postgraduate Diploma in Stem Cell and Regenerative Medicine.

3. A student who has been awarded sixty credits in respect of units listed at 1A, B, C above, of which not more than fifteen credits are in respect of units listed at 1B and not more than fifteen credits are in respect of units listed at 1C, will be eligible for the award of the Postgraduate Certificate in Stem Cell and Regenerative Medicine.

4. The Examiners may recommend the award of a Postgraduate Masters with merit or distinction.

BMST05 MSC/MOLEC&CELL BASIS HUMAN DIS (MOLECULAR AND CELLULAR BASIS OF HUMAN DISEASE) (2016-2017) (FT)

Year 1

1A. A student will take
   BMS6053  F7  Critical Analysis of Current Science  ACAD YR 16  15
   BMS6054  F7  Ethics and Public Awareness of Science  AUT SEM 16  15

1B. A student will take 30 credits from this group.
   BMS6055  F7  Modelling Human Disease  AUT SEM 16  15
   BMS6057  F7  Cancer Biology  SPR SEM 16  15
   BMS6063  F7  Epithelial Physiology in Health and Disease  SPR SEM 16  15

1C. A student will take 30 credits from this group.
   BMS6080  F7  Integrated Mammalian Biology  AUT SEM 16  15
   BMS6082  F7  Practical Cell Biology  AUT SEM 16  15
   BMS6083  F7  Practical Developmental Genetics  AUT SEM 16  15

1D. A student will take
   BMS6051  F7  Literature Review  AUT SEM 16  30

1E. A student will take
   BMS6052  F7  Laboratory Research Project  ACAD YR 16  60

2. A student who has been awarded one hundred and twenty credits in respect of units listed at 1A, B, C and D above will be eligible for the award of the Postgraduate Diploma in Molecular and Cellular Basis of Human Disease.
3. A student who has been awarded sixty credits in respect of units listed at 1A, B, and C above, of which not more than fifteen credits are in respect of units listed at 1B and not more than fifteen credits are in respect of units listed at 1C, will be eligible for the award of the Postgraduate Certificate in Molecular and Cellular Basis of Human Disease.

4. The Examiners may recommend the award of a Postgraduate Masters with merit or distinction.

**BMST08 MSC/INTGRTVE PHYS & PHARM FT (INTEGRATIVE PHYSIOLOGY AND PHARMACOLOGY) (2016-2017)**

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2. A student who has been awarded one hundred and twenty credits in respect of units listed at 1A, B, and C above will be eligible for the award of the Postgraduate Diploma in Integrative Physiology and Pharmacology.

3. A student who has been awarded sixty credits in respect of units listed at 1A and B above, of which not more than thirty credits are in respect of units listed at 1B will be eligible for the award of the Postgraduate Certificate in Integrative Physiology and Pharmacology.

4. The Examiners may recommend the award of a Postgraduate Masters with merit or distinction.

**BMST11 MSC/SENSORY NEUROSCIENCE (SENSORY NEUROSCIENCE) (2016-2017)**

**Year 1**

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1E. A student will take
2. A student who has been awarded *one hundred and twenty* credits in respect of units listed at 1A, B, C and D above will be eligible for the award of the Postgraduate Diploma in Sensory Neuroscience.

3. A student who has been awarded *sixty* credits in respect of units listed at 1A, B, and C above, of which not more than *fifteen* credits are in respect of units listed at 1B and not more than *fifteen* credits are in respect of units listed at 1C, will be eligible for the award of the Postgraduate Certificate in Sensory Neuroscience.

4. The Examiners may recommend the award of a Postgraduate Masters with merit or distinction.

### BMST24 MSC/INTG PHYS & PHARM (INT STD (INTEGRATIVE PHYSIOLOGY AND PHARMACOLOGY)) (2016-2017) (FT)

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<td>BMS6054</td>
<td>F7</td>
<td>Ethics and Public Awareness of Science</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>BMS6080</td>
<td>F7</td>
<td>Integrated Mammalian Biology</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>BMS6084</td>
<td>F7</td>
<td>Physiology and Pharmacology</td>
<td>SPR SEM 16</td>
<td>15</td>
</tr>
</tbody>
</table>

**1b.** A student will take 30 credits from this group.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Code</th>
<th>Course Name</th>
<th>Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS6061</td>
<td>F7</td>
<td>Membrane Receptors</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>BMS6062</td>
<td>F7</td>
<td>Molecular Physiology of Ion Channels in Health and Disease</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>CDL6301</td>
<td>F7</td>
<td>Cardiovascular Pharmacology: personalising medicine</td>
<td>ACAD YR 16</td>
<td>15</td>
</tr>
</tbody>
</table>

**1c.** A student will take

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Code</th>
<th>Course Name</th>
<th>Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS6051</td>
<td>F7</td>
<td>Literature Review</td>
<td>AUT SEM 16</td>
<td>30</td>
</tr>
</tbody>
</table>

**1D.** A student will take

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Code</th>
<th>Course Name</th>
<th>Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS6052</td>
<td>F7</td>
<td>Laboratory Research Project</td>
<td>ACAD YR 16</td>
<td>60</td>
</tr>
</tbody>
</table>

2. A student who has been awarded *one hundred and twenty* credits in respect of units listed at 1(a), (b) and (c) above shall be eligible for the award of the Postgraduate Diploma in Integrative Physiology and Pharmacology.

3. A student who has been awarded *sixty* credits in respect of units listed at 1(a), (b) and (c) above, of which not more than *fifteen* credits are in respect of units listed at 1(b) and not more than *fifteen* credits are in respect of units listed at 1(c), shall be eligible for the award of the Postgraduate Certificate in Integrative Physiology and Pharmacology.

4. The Examiners may recommend the award of a Postgraduate Masters with merit or distinction. Students are not allowed to progress to the Degree of PhD unless they gain at least a merit.

### BMST25 MSC/MOLC&CELL BSIS HMNDIS(INTS (MOLECULAR AND CELLULAR BASIS OF HUMAN DISEASE)) (2016-2017) (FT)

#### Year 1

**1A.** A student will take

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Code</th>
<th>Course Name</th>
<th>Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS6053</td>
<td>F7</td>
<td>Critical Analysis of Current Science</td>
<td>ACAD YR 16</td>
<td>15</td>
</tr>
<tr>
<td>BMS6054</td>
<td>F7</td>
<td>Ethics and Public Awareness of Science</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
</tbody>
</table>

**1B.** A student will take 30 credits from this group.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Code</th>
<th>Course Name</th>
<th>Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS6055</td>
<td>F7</td>
<td>Modelling Human Disease</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>BMS6057</td>
<td>F7</td>
<td>Cancer Biology</td>
<td>SPR SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>BMS6063</td>
<td>F7</td>
<td>Epithelial Physiology in Health and Disease</td>
<td>SPR SEM 16</td>
<td>15</td>
</tr>
</tbody>
</table>

**1C.** A student will take 30 credits from this group.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Code</th>
<th>Course Name</th>
<th>Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS6080</td>
<td>F7</td>
<td>Integrated Mammalian Biology</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>BMS6082</td>
<td>F7</td>
<td>Practical Cell Biology</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>BMS6083</td>
<td>F7</td>
<td>Practical Developmental Genetics</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
</tbody>
</table>
1D. A student will take  
BMS6051  F7  Literature Review  AUT SEM 16  30

1E. A student will take  
BMS6052  F7  Laboratory Research Project  ACAD YR 16  60

2. A student will (as part of the requirements for the Degree of PhD with Integrated Studies and unless exempt) take Research Training Programme units to the value of forty-five credits as prescribed by the Head of the Department following consultation with the student (in the case of a student who commenced the programme of study and research before September 2010), or will engage with the Doctoral Development Programme as prescribed in the Regulations for the Doctoral Development Programme (in the case of a student commencing the programme of study and research in or after September 2010).

3. A student will (as part of the requirements for the Degree of PhD with Integrated Studies) complete satisfactorily the following:

   (i) ELT  
      Intensive English Language Training *(optional)*

   (ii) in the first year  
      Y1.1  
      Induction Meeting

   (iii) in the second year  
      Y2.1  
      Speaking Skills for Research Purposes

   Y2.2  
   Masters Research Projects - Oral Presentations

   (iv) in the third year  
   Y3.1  
   Research Poster Presentations

   (v) in the fourth year  
   Y4.1  
   Thesis Writing and Viva Preparation

   Y4.2  
   Graduate Research Conference - Oral Presentations

4. A candidate shall be expected to attend at least two Career Management Skills sessions during the four year programme.

5. A student who has been awarded *one hundred and twenty* credits in respect of units listed at 1A, B, C and D above and who does not complete the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Diploma in Molecular and Cellular Basis of Human Disease

6. A student who has been awarded *sixty* credits in respect of units listed at 1A and B and C of BMST05 above of which not more than *fifteen* credits are in respect of units listed at 1B and not more than *fifteen* credits are in respect of units listed at 1C and who does not complete the requirements for the Degree of MSc shall be eligible for the award of the Postgraduate Certificate in Molecular and Cellular Basis of Human Disease.

7. The Examiners may recommend the award of a Postgraduate Masters with merit or distinction. Students are not allowed to progress to the Degree of PhD unless they gain at least a merit.

---

**BMST27 MSC/GENOMICAPP TO DRUG DISCVRY (GENOMIC APPROACHES TO DRUG DISCOVERY)**  
*(2016-2017)* *(FT)*

**Year 1**

1A. A student will take  
BMS6053  F7  Critical Analysis of Current Science  ACAD YR 16  15

BMS6054  F7  Ethics and Public Awareness of Science  AUT SEM 16  15

1B. A student will take  
BMS6011  F7  The Biotech and Pharmaceutical Industry  ACAD YR 16  15

BMS6012  F7  3D Tissue Culture and Genome Editing  ACAD YR 16  15

BMS6013  F7  Small Molecule and Functional Genomic Screening  ACAD YR 16  15

BMS6014  F7  Genomic Approaches to Drug Discovery  ACAD YR 16  15

1C. A student will take  
BMS6051  F7  Literature Review  AUT SEM 16  30

1D. A student will take  
BMS6052  F7  Laboratory Research Project  ACAD YR 16  60

2. A student who has been awarded *one hundred and twenty* credits in respect of units listed at 1A and B above will be eligible for the award of the Postgraduate Diploma in Genomic Approaches to Drug Discovery (BMST28).
3. A student who has been awarded sixty credits in respect of units listed at 1A and B, of which not more than thirty credits are in respect of units listed at 1B, will be eligible for the award of the Postgraduate Certificate in Genomic Approaches to Drug Discovery (BMST29).

4. The Examiners may recommend the award of a Postgraduate Masters with merit or distinction

**BMST30 PGCERT/MOL,CELL&DEV BIOLOGY (MOLECULAR, CELLULAR AND DEVELOPMENTAL BIOLOGY) (2016-2017)**

**FT**

**Year 1**

1A. A student will take

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Academic Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS6237</td>
<td>Advanced Developmental Biology</td>
<td>ACAD YR 16</td>
<td>20</td>
</tr>
<tr>
<td>BMS6238</td>
<td>Advanced Molecular Biology</td>
<td>ACAD YR 16</td>
<td>20</td>
</tr>
<tr>
<td>BMS6239</td>
<td>Practical Molecular Cell Biology</td>
<td>ACAD YR 16</td>
<td>20</td>
</tr>
</tbody>
</table>

**BMST90 MSC/ST CELL REG MED (NRPHD) (STEM CELL AND REGENERATIVE MEDICINE) (2016-2017)**

**FT**

**Year 1**

1A. A student will take

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Academic Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS6053</td>
<td>Critical Analysis of Current Science</td>
<td>ACAD YR 16</td>
<td>15</td>
</tr>
<tr>
<td>BMS6054</td>
<td>Ethics and Public Awareness of Science</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
</tbody>
</table>

1B. A student will take 30 credits from this group.

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Semester Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS6056</td>
<td>Stem Cell Biology</td>
<td>SPR SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>BMS6351</td>
<td>Gametes Embryos and Stem Cells</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>BMS6398</td>
<td>Tissue Engineering in Biomedical Science</td>
<td>SPR SEM 16</td>
<td>15</td>
</tr>
</tbody>
</table>

1C. A student will take 30 credits from this group.

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Semester Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS6081</td>
<td>Human Embryonic Stem Culture Techniques</td>
<td>SPR SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>BMS6082</td>
<td>Practical Cell Biology</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
</tbody>
</table>

1D. A student will take

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Semester Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS6051</td>
<td>Literature Review</td>
<td>AUT SEM 16</td>
<td>30</td>
</tr>
</tbody>
</table>

1E. A student will take

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Academic Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS6052</td>
<td>Laboratory Research Project</td>
<td>ACAD YR 16</td>
<td>60</td>
</tr>
</tbody>
</table>

2. A student will (as part of the requirements for the Degree of PhD with Integrated Studies and unless exempt) take Research Training Programme units to the value of forty-five credits as prescribed by the Head of the Department following consultation with the student (in the case of a student who commenced the programme of study and research before September 2010), or will engage with the Doctoral Development Programme as prescribed in the Regulations for the Doctoral Development Programme (in the case of a student commencing the programme of study and research in or after September 2010).

3. A student will (as part of the requirements for the Degree of PhD with Integrated Studies) complete satisfactorily the following:

   (i) **ELT** Intensive English Language Training *(optional)*
   (ii) *in the first year* Y1.1 Induction Meeting
       Y1.2 Managing Research Time
   (iii) *in the second year* Y2.1 Speaking Skills for Research Purposes
       Y2.2 Masters Research Projects - Oral Presentations
   (iv) *in the third year* Y3.1 Research Poster Presentations
   (v) *in the fourth year* Y4.1 Thesis Writing and Viva Preparation
       Y4.2 Graduate Research Conference - Oral Presentations

24-Aug-2016
4. A student will be expected to attend at least two Career Management Skills sessions during the four year programme.

5. A student who has been awarded one hundred and twenty credits in respect of units listed at 1A, B, C and D of BMST02 above and who does not complete the requirements for the Degree of MSc shall be eligible for the award of the Postgraduate Diploma in Stem Cell and Regenerative Medicine.

6. A student who has been awarded sixty credits in respect of units listed at 1A and B and C of BMST02 above of which not more than fifteen credits are in respect of units listed at 1B and not more than fifteen credits are in respect of units listed at 1C and who does not complete the requirements for the Degree of MSc shall be eligible for the award of the Postgraduate Certificate in Stem Cell and Regenerative Medicine.

7. The Examiners may recommend the award of a Postgraduate Masters with merit or distinction. Candidates are not allowed to progress to the Degree of PhD unless they gain at least a merit.
CHMT01 MSC/POLYMERS FOR ADV TECH FT (POLYMERS FOR ADVANCED TECHNOLOGIES) (2016-2017) (FT)

Year 1

1A. A student will take
   - CHM6106 F7 Fundamental Polymer Chemistry ACAD YR 16 15
   - CHM6108 F7 Biopolymers and Biomaterials ACAD YR 16 15
   - CHM6201 F7 Polymer Characterization and Analysis AUT SEM 16 15
   - CHM6401 F7 Polymer Laboratory AUT SEM 16 15
   - CHM6402 F7 Research and Presentation Skills ACAD YR 16 15
   - MAT6102 F7 The Physics of Polymers AUT SEM 16 15

1B. A student will take 30 credits from this group.
   - CHM6202 F7 Design and Synthesis of Polymers of Controlled Structure SPR SEM 16 15
   - CHM6204 F7 Smart Polymers and Polymeric Materials SPR SEM 16 15
   - MAT6104 F7 Design and Manufacture of Composites SPR SEM 16 15

1C. A student will take
   - CHM6301 F7 Polymer Research Project SPR SEM 16 60

2. A student who has been awarded 120 credits in respect of units listed at 1A and 1B above shall be eligible for the award of the Postgraduate Diploma in Polymers for Advanced Technologies.

3. A student who has been awarded 60 credits in respect of units listed at 1A and 1B above shall be eligible for the award of the Postgraduate Certificate in Polymers for Advanced Technologies.

CHMT08 MSC/CHEMISTRY (CHEMISTRY) (2016-2017) (FT)

Year 1

1. A student will take
   - CHM6021 F7 Advanced Chemistry Topics 1 ACAD YR 16 40
   - CHM6022 F7 Advanced Chemistry Topics 2 ACAD YR 16 40
   - CHM6402 F7 Research and Presentation Skills ACAD YR 16 15
   - CHM6403 F7 Chemistry Projects ACAD YR 16 25
   - CHM6404 F7 Chemistry Research Project ACAD YR 16 60

2. A student who has been awarded 120 credits without including CHM6404 shall be eligible for the award of the Postgraduate Diploma in Chemistry.

3. A student who has been awarded 60 credits without including CHM6404 shall be eligible for the award of the Postgraduate Certificate in Chemistry.

CHMT16 MSC/MOLECULARSCALE ENG FT(DTC) (MOLECULAR SCALE ENGINEERING) (2016-2017) (FT)

Year 1

CHMT99 DTC PARTNERSHIP STUDENT (DTS) (MOLECULAR SCALE ENGINEERING DTC PARTNERSHIP STUDENT) (2016-2017) (FT)
Year 1
Year 1

1. A student who satisfies the admission requirements of the University of Sheffield and of the University of Leeds may be admitted as a student.

2. A student will register at Sheffield at the beginning of the programme of study as a student of both the University of Sheffield and the University of Leeds. A student will have appropriate access to the facilities of both Universities but will be required to attend at the University identified in accordance with the following Regulations.

3A. at the University of Sheffield

   A student will take

   BMS6730  F7  Bionanomaterials  SPR SEM 16  15
   PHY6100  F7  Preliminary PhD Project  GRAD YR 16  45

3B. at the University of Leeds

   CMNS5100F7  Generic Methodologies for Nanotechnology  15
   ELEC5225 F7  Molecular Scale Engineering  15
   ELEC5255 F7  Nanofabrication and Characterisation  15
   ELEC5290 F7  Cross Disciplinary Research Placement  30

3C. units to the value of thirty credits from the following

   at the University of Leeds
   ELEC5500F7  Micro-and Nano-Electromechanical Systems  15
   ELEC5650F7  Medical Electronics and E-Health  15

   at the University of Sheffield
   CHM6108 F7  Biopolymers and Biomaterials  15
   MAT6750 F7  Biophotonics and Bioimaging  15

4. A student will engage (as part of the requirements for the Degree of PhD with Integrated Studies) with the Doctoral Development Programme as prescribed in the Regulations for the Doctoral Development Programme.

5. A student who has been awarded one hundred and twenty credits in respect of units listed at 3A and B above and who does not complete the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Diploma in Molecular Scale Engineering.

6. The Examiners may recommend the award of a Postgraduate Masters, or a Postgraduate Diploma with merit or distinction.

DTST99 DTC PARTNERSHIP STUDENT (DTS) (MOLECULAR SCALE ENGINEERING DTC PARTNERSHIP STUDENT) (2016-2017)

Year 1
Year 1

1A. A student will take
   
   FCP6001 F7 Developing Communication Skills ACAD YR 16 15
   FCP6002 F7 Topical Science ACAD YR 16 30

1B. A student will take
   
   JNL6029 F7 Communicating with the Media SPR SEM 16 15
   JNL6210 F7 Research Methods AUT SEM 16 15

1C. A student will take
   
   JNL6014 F7 Ethics and Regulation AUT SEM 16 15
   JNL6028 F7 Writing for the media AUT SEM 16 15
   JNL6073 F7 Online Journalism Studies SPR SEM 16 15

1D. A student will take
   
   FCP6003 F7 Project Dissertation ACAD YR 16 60

2. A student who has been awarded one hundred and twenty credits in respect of units listed at 1A, B, and C above and who does not meet the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Diploma in Science Communication.

3. A student who has been awarded sixty credits in respect of units listed at 1A and B above and who does not meet the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Certificate in Science Communication.

Year 1

1A. A student will take
   
   FCP6001 F7 Developing Communication Skills ACAD YR 16 15
   FCP6002 F7 Topical Science ACAD YR 16 30

1B. A student will take
   
   JNL6029 F7 Communicating with the Media SPR SEM 16 15
   JNL6210 F7 Research Methods AUT SEM 16 15

1C. A student will take
   
   JNL6014 F7 Ethics and Regulation AUT SEM 16 15
   JNL6028 F7 Writing for the media AUT SEM 16 15
   JNL6073 F7 Online Journalism Studies SPR SEM 16 15

1D. A student will take
   
   FCP6003 F7 Project Dissertation ACAD YR 16 60

2. A student who has been awarded one hundred and twenty credits in respect of units listed at 1A, B, and C above and who does not meet the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Diploma in Science Communication.

3. A student who has been awarded sixty credits in respect of units listed at 1A and B above and who does not meet the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Certificate in Science Communication.
Year 1

1A. A student will take
   FCP6001 F7 Developing Communication Skills ACAD YR 16 15
   FCP6002 F7 Topical Science ACAD YR 16 30

1B. A student will take
   JNL6014 F7 Ethics and Regulation AUT SEM 16 15
   JNL6028 F7 Writing for the media AUT SEM 16 15
   JNL6073 F7 Online Journalism Studies SPR SEM 16 15

Year 2

2A. A student will take
   JNL6029 F7 Communicating with the Media SPR SEM 16 15
   JNL6210 F7 Research Methods AUT SEM 16 15

2B. A student will take
   FCP6003 F7 Project Dissertation ACAD YR 16 60

3. A student who has been awarded one hundred and twenty credits in respect of units listed at 1(a), 1(b) and 2(a) above and who does not meet the requirements for the Degree of MSc shall be eligible for the award of the Postgraduate Diploma in Science Communication.

4. A student who has been awarded sixty credits in respect of units listed at 1(a) and 2(a) above and who does not meet the requirements for the Degree of MSc shall be eligible for the award of the Postgraduate Certificate in Science Communication.

FCPT05 MSC/SCIENCE COMMUNICATION PT (SCIENCE COMMUNICATION) (2016-2017) (PT)

Year 1

1A. A student will take
   FCP6001 F7 Developing Communication Skills ACAD YR 16 15
   FCP6002 F7 Topical Science ACAD YR 16 30

1B. A student will take
   JNL6029 F7 Communicating with the Media SPR SEM 16 15
   JNL6210 F7 Research Methods AUT SEM 16 15

Year 2

2A. A student will take
   JNL6014 F7 Ethics and Regulation AUT SEM 16 15
   JNL6028 F7 Writing for the media AUT SEM 16 15
   JNL6073 F7 Online Journalism Studies SPR SEM 16 15

2B. A student will take
   FCP6003 F7 Project Dissertation ACAD YR 16 60

3. A student who has been awarded one hundred and twenty credits in respect of units listed at 1(a), 1(b) and 2(a) above and who does not meet the requirements for the Degree of MSc shall be eligible for the award of the Postgraduate Diploma in Science Communication.

4. A student who has been awarded sixty credits in respect of units listed at 1(a) and 2(a) above and who does not meet the requirements for the Degree of MSc shall be eligible for the award of the Postgraduate Certificate in Science Communication.
MAST01 MSC/STATISTICS FT (STATISTICS) (2016-2017) (FT)

Year 1

1A. A student will take
- MAS6001 F7 Data Analysis ACAD YR 16 20
- MAS6002 F7 Statistical Laboratory ACAD YR 16 20

1B. A student will take 40 credits from this group.
- MAS6003 F7 Linear Modelling ACAD YR 16 20
- MAS6004 F7 Inference ACAD YR 16 20
- MAS6031 F7 Special Topics 1 AUT SEM 16 10
- MAS6032 F7 Special Topics 2 SPR SEM 16 10
- MAS6062 F7 Bayesian Methods & Clinical Trials ACAD YR 16 20

MAS6062 may only be taken with the permission of the Head of Department as a replacement for MAS6004

1C. A student will take 40 credits from this group.
- MAS6011 F7 Dependent Data ACAD YR 16 20
- MAS6012 F7 Sampling, Design, Medical Statistics ACAD YR 16 20
- MAS6031 F7 Special Topics 1 AUT SEM 16 10
- MAS6032 F7 Special Topics 2 SPR SEM 16 10
- MAS6061 F7 Epidemiology and Time Series ACAD YR 16 20
- MAS6071 F7 Applied Probability SPR SEM 16 10

Unrestricted F7 units to the value of 20 credits.

MAS6061 may only be taken with the permission of the Head of Department as a replacement for MAS6011. If MAS6062 has been taken in 1B above then MAS6061 cannot be taken.

1D. A student will take
- MAS6041 F7 Dissertation GRAD YR 16 60

2. A student may proceed to the dissertation only on the recommendation of the Examiners based on performance in the units listed at 1A, B and C above.

3. A student who has been awarded one hundred and twenty credits in respect of units listed at 1A, B and C above, will be eligible for the award of the Postgraduate Diploma in Statistics (MAST05).

4. A student who has been awarded sixty credits in respect of units listed at 1A, B and C above, of which twenty credits will be in respect of MAS6002, will be eligible for the award of the Postgraduate Certificate in Statistics (MAST07); at the discretion of the examiners, the requirement that the credits awarded include MAS6002 may be waived.

5. The Examiners may recommend the award of a Postgraduate Masters, or a Postgraduate Diploma, with merit or distinction.

MAST02 MSC/STATS (2YR) PT BY DL (STATISTICS) (2016-2017) (DL)

Year 1

There is another version on PROMS with regulations so this is not needed.

To view the regulations for this programme please follow the link below.

http://www.governance.dept.shef.ac.uk/Science/p-pg-somas.pdf

Year 2

MAST02 MSC/STATS (3YR) PT BY DL (STATISTICS) (2016-2017) (DL)
Year 1
1. The programme of study will be pursued for not less than two years, and will be subject to a time limit of four years.

2A. A student will take
   - MAS6001 F7 Data Analysis ACAD YR 16 20
   - MAS6002 F7 Statistical Laboratory ACAD YR 16 20

2B. A student will take 40 credits from this group.
   - MAS6003 F7 Linear Modelling ACAD YR 16 20
   - MAS6004 F7 Inference ACAD YR 16 20
   - MAS6031 F7 Special Topics 1 AUT SEM 16 10
   - MAS6032 F7 Special Topics 2 SPR SEM 16 10
   - MAS6062 F7 Bayesian Methods & Clinical Trials ACAD YR 16 20
   MAS6062 may only be taken with the permission of the Head of Department as a replacement for MAS6004.

2C. A student will take 40 credits from this group.
   - MAS6011 F7 Dependent Data ACAD YR 16 20
   - MAS6012 F7 Sampling, Design, Medical Statistics ACAD YR 16 20
   - MAS6031 F7 Special Topics 1 AUT SEM 16 10
   - MAS6032 F7 Special Topics 2 SPR SEM 16 10
   - MAS6061 F7 Epidemiology and Time Series ACAD YR 16 20
   - MAS6071 F7 Applied Probability SPR SEM 16 10

2D. MAS6061 may only be taken with the permission of the Head of Department as a replacement for MAS6011. If MAS6062 has been taken in 2B above then MAS6061 cannot be taken.

2E. A student will take
   - MAS6041 F7 Dissertation GRAD YR 16 60

3. A student may proceed to the dissertation only on the recommendation of the Examiners based on performance in the units at 2A, B and C above.
4. A student who has been awarded one hundred and twenty credits in respect of units listed at 2A, B and C above, will be eligible for the award of the Postgraduate Diploma in Statistics (MAST06).
5. A student who has been awarded sixty credits in respect of units listed at 2A, B and C above, of which twenty credits will be in respect of MAS6002, will be eligible for the award of the Postgraduate Certificate in Statistics (MAST08); at the discretion of the examiners, the requirement that the credits awarded include MAS6002 may be waived.
6. The Examiners may recommend the award of a Postgraduate Masters, or a Postgraduate Diploma with merit or distinction.
7. A student will attend such residential weeks as are prescribed by the Head of Department.

Year 2
The programme of study will be pursued for not less than two years, and will be subject to a time limit of four years.

Year 3
The programme of study will be pursued for not less than two years, and will be subject to a time limit of four years.

MAST03 MSC/STATISTICS (INTGD STDS) FT (STATISTICS) (2016-2017) (FT)

Year 1
1A. A student will take
   - MAS6002 F7 Statistical Laboratory ACAD YR 16 20

1B. A student will take 40 credits from this group.
   - MAS6003 F7 Linear Modelling ACAD YR 16 20
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Year</th>
<th>Title</th>
<th>Academic Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAS6004</td>
<td>F7</td>
<td>Inference</td>
<td>ACAD YR 16</td>
<td>20</td>
</tr>
<tr>
<td>MAS6012</td>
<td>F7</td>
<td>Sampling, Design, Medical Statistics</td>
<td>ACAD YR 16</td>
<td>20</td>
</tr>
<tr>
<td>MAS6031</td>
<td>F7</td>
<td>Special Topics 1</td>
<td>AUT SEM 16</td>
<td>10</td>
</tr>
<tr>
<td>MAS6032</td>
<td>F7</td>
<td>Special Topics 2</td>
<td>SPR SEM 16</td>
<td>10</td>
</tr>
<tr>
<td>MAS6071</td>
<td>F7</td>
<td>Applied Probability</td>
<td>SPR SEM 16</td>
<td>10</td>
</tr>
</tbody>
</table>

Unrestricted F7 units to the value of twenty credits

1C. A student will either take 1C1 or 1C2 or 1C3

1C.1 A student will take
- MAS6010 F7 Topics in Data Analysis  ACAD YR 16  10
- MAS6011 F7 Dependent Data            ACAD YR 16  20
- MAS6052 F7 Stochastic Processes and Finance  ACAD YR 16  20
- MAS6053 F7 Financial Mathematics     AUT SEM 16  10

1C.2 A student will take
- MAS6001 F7 Data Analysis              ACAD YR 16  20
- MAS6061 F7 Epidemiology and Time Series ACAD YR 16  20
- MAS6062 F7 Bayesian Methods and Clinical Trials ACAD YR 16  20

1C.3 A student will take
- MAS6001 F7 Data Analysis              ACAD YR 16  20
- and units to the value of forty credits from the following:
  - MAS6011 F7 Dependent Data            ACAD YR 16  20
  - MAS6012 F7 Sampling, Design, Medical Statistics  ACAD YR 16  20
  - MAS6031 F7 Special Topics 1          AUT SEM 16  10
  - MAS6032 F7 Special Topics 2          SPR SEM 16  10
  - MAS6071 F7 Applied Probability       SPR SEM 16  10
- Unrestricted F7 units to the value of twenty credits

1D. A student will take 60 credits from this group.
- MAS6041 F7 Dissertation               GRAD YR 16  60
- MAS6042 F7 Dissertation (MSc Statistics with Medical Applications) SPR SEM 16  60

2. A student will take (as part of the requirements for the Degree of PhD with Integrated Studies) relevant parts of the University’s Doctoral Development Programme as prescribed by the Head of Department following consultation with the supervisor.

3. A student may proceed to the dissertation only on the recommendation of the Examiners based on performance in the units listed at Regulation 1A, B and C above.

4. A student must achieve a minimum grade of 50% in all taught units and achieve a minimum grade of 60% in the dissertation and a weighted mean grade of 59.5% or above in the Degree of MSc in order to continue as a student for the Degree of PhD with Integrated Studies. A student who fails to satisfy this requirement will be required to become a student for the MSc in Statistics (MAST01) or the MSc in Statistics with Financial Mathematics (MAST11) or the MSc in Statistics with Medical Applications (MAST21).

5. A student who has been awarded one hundred and twenty credits in respect of units listed at 1A, B and C1 above, will be eligible for the award of the Postgraduate Diploma in Statistics with Financial Mathematics (MAST15). A student who has been awarded one hundred and twenty credits in respect of units listed at 1A, B and C2 above, will be eligible for the award of the Postgraduate Diploma in Statistics with Medical Applications (MAST25). A student who has been awarded one hundred and twenty credits in respect of units listed at 1A, B and C3 above, will be eligible for the award of the Postgraduate Diploma in Statistics (MAST05).

6. A student who has been awarded sixty credits in respect of units listed at 1A, B and C1 above, of which twenty credits are in respect of MAS6002, and twenty credits are in respect of MAS6052, will be eligible for the award of the Postgraduate Certificate in Statistics with Financial Mathematics (MAST17); at the discretion of the examiners, the requirement that the credits awarded include MAS6002 may be waived. A student who has been awarded sixty credits in respect of units listed at 1A, B and C2 above, of which twenty credits are in respect of MAS6002, and twenty credits are in respect of MAS6061 will be eligible for the award of the Postgraduate Certificate in Statistics with Medical Applications (MAST27); at the discretion of the examiners, the requirement that the credits awarded include MAS6002 may be waived. A student who has been awarded sixty credits in respect of units listed at 1A, B and C3 above, of which twenty credits are in respect of MAS6002, will be eligible for the award of the Postgraduate Certificate in Statistics (MAST07) ; at the discretion of the examiners, the requirement that the credits awarded include MAS6002 may be waived.

7. The Examiners may recommend the award of a Postgraduate Masters, or a Postgraduate Diploma, with merit or distinction.
MAST05 PG DIP/STATISTICS FT (STATISTICS) (2016-2017) (FT)

### Year 1

1A. A student will take

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Grade</th>
<th>Title</th>
<th>Academic Year</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>MAS6001</td>
<td>F7</td>
<td>Data Analysis</td>
<td>ACAD YR 16</td>
<td>20</td>
</tr>
<tr>
<td>MAS6002</td>
<td>F7</td>
<td>Statistical Laboratory</td>
<td>ACAD YR 16</td>
<td>20</td>
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</table>

1B. A student will take 40 credits from this group.

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Grade</th>
<th>Title</th>
<th>Academic Year</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MAS6003</td>
<td>F7</td>
<td>Linear Modelling</td>
<td>ACAD YR 16</td>
<td>20</td>
</tr>
<tr>
<td>MAS6004</td>
<td>F7</td>
<td>Inference</td>
<td>ACAD YR 16</td>
<td>20</td>
</tr>
<tr>
<td>MAS6031</td>
<td>F7</td>
<td>Special Topics 1</td>
<td>AUT SEM 16</td>
<td>10</td>
</tr>
<tr>
<td>MAS6032</td>
<td>F7</td>
<td>Special Topics 2</td>
<td>SPR SEM 16</td>
<td>10</td>
</tr>
<tr>
<td>MAS6062</td>
<td>F7</td>
<td>Bayesian Methods &amp; Clinical Trials</td>
<td>ACAD YR 16</td>
<td>20</td>
</tr>
</tbody>
</table>

MAS6062 may only be taken with the permission of the Head of Department as a replacement for MAS6004.

1C. A student will take 40 credits from this group.

<table>
<thead>
<tr>
<th>Unit Code</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
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<td>Dependent Data</td>
<td>ACAD YR 16</td>
<td>20</td>
</tr>
<tr>
<td>MAS6012</td>
<td>F7</td>
<td>Sampling, Design, Medical Statistics</td>
<td>ACAD YR 16</td>
<td>20</td>
</tr>
<tr>
<td>MAS6031</td>
<td>F7</td>
<td>Special Topics 1</td>
<td>AUT SEM 16</td>
<td>10</td>
</tr>
<tr>
<td>MAS6032</td>
<td>F7</td>
<td>Special Topics 2</td>
<td>SPR SEM 16</td>
<td>10</td>
</tr>
<tr>
<td>MAS6061</td>
<td>F7</td>
<td>Epidemiology and Time Series</td>
<td>ACAD YR 16</td>
<td>20</td>
</tr>
<tr>
<td>MAS6071</td>
<td>F7</td>
<td>Applied Probability</td>
<td>SPR SEM 16</td>
<td>10</td>
</tr>
</tbody>
</table>

Unrestricted F7 units to the value of 20 credits.

MAS6061 may only be taken with the permission of the Head of Department as a replacement for MAS6011. If MAS6062 has been taken in 1B above then MAS6061 cannot be taken.

2. A student who has been awarded one hundred and twenty credits in respect of units listed at 1A, B and C above, will be eligible for the award of the Postgraduate Diploma in Statistics (MAST05).

3. The Examiners may recommend the award of a Postgraduate Diploma with merit or distinction.

4. A student who has been awarded sixty credits in respect of units listed at 1A,B and C above, of which twenty credits will be in respect of MAS6002, will be eligible for the award of the Postgraduate Certificate in Statistics (MAST07); at the discretion of the examiners, the requirement that the credits awarded include MAS6002 may be waived.


### Year 1

1. Please refer to the regulations for the Masters version of this programme which can be found under MAST01. Students should contact the Department directly for further details of which units will be studied for the PG Certificate.


### Year 1

### Year 2

Year 1

1A. A student will take
- MAS6002 F7 Statistical Laboratory ACAD YR 16 20
- MAS6010 F7 Topics in Data Analysis ACAD YR 16 10
- MAS6052 F7 Stochastic Processes and Finance ACAD YR 16 20
- MAS6053 F7 Financial Mathematics AUT SEM 16 10

1B. A student will take 60 credits from this group.
- MAS6003 F7 Linear Modelling ACAD YR 16 20
- MAS6004 F7 Inference ACAD YR 16 20
- MAS6011 F7 Dependent Data ACAD YR 16 20
- MAS6031 F7 Special Topics 1 AUT SEM 16 10
- MAS6032 F7 Special Topics 2 SPR SEM 16 10
- MAS6071 F7 Applied Probability SPR SEM 16 10

Unrestricted F7 units to the value of 20 credits.

1C. A student will take
- MAS6041 F7 Dissertation GRAD YR 16 60

2. A student may proceed to the dissertation only on the recommendation of the Examiners based on performance in the units listed at 1A and 1B.

3. A student who has been awarded one hundred and twenty credits in respect of units listed at 1A and B above, will be eligible for the award of the Postgraduate Diploma in Statistics with Financial Mathematics (MAST15).

4. A student who has been awarded sixty credits in respect of units listed at 1A and B above, of which twenty credits are in respect of MAS6002 and twenty credits are in respect of MAS6052, will be eligible for the award of the Postgraduate Certificate in Statistics with Financial Mathematics (MAST17); at the discretion of the examiners, the requirement that the credits awarded include MAS6002 may be waived. A student who fails to satisfy this requirement may be permitted by the Faculty to become instead a student for the Postgraduate Certificate in Statistics (MAST07).

5. The Examiners may recommend the award of a Postgraduate Masters, or a Postgraduate Diploma, with merit or distinction.


Year 1

STUDENTS SHOULD REFER TO THE DEPARTMENT DIRECTLY FOR FURTHER INFORMATION ON WHICH MODULES WILL BE STUDIED IN WHICH YEAR OF THE PROGRAMME

1. The programme of study will be pursued for not less than two years, and will be subject to a time limit of four years.

2A. A student will take
- MAS6002 F7 Statistical Laboratory ACAD YR 16 20
- MAS6010 F7 Topics in Data Analysis ACAD YR 16 10
- MAS6052 F7 Stochastic Processes and Finance ACAD YR 16 20
- MAS6053 F7 Financial Mathematics AUT SEM 16 10

2B. A student will take 60 credits from this group.
- MAS6003 F7 Linear Modelling ACAD YR 16 20
- MAS6004 F7 Inference ACAD YR 16 20
- MAS6011 F7 Dependent Data ACAD YR 16 20
- MAS6031 F7 Special Topics 1 AUT SEM 16 10
- MAS6032 F7 Special Topics 2 SPR SEM 16 10
- MAS6071 F7 Applied Probability SPR SEM 16 10

Unrestricted F7 units to the value of 20 credits.
2C. A student will take
MAS6041 F7 Dissertation GRAD YR 16 60

3. A student may proceed to the dissertation only on the recommendation of the Examiners based on performance in the units listed at 2A and 2B.

4. A student who has been awarded one hundred and twenty credits in respect of units listed at 2A and B above, will be eligible for the award of the Postgraduate Diploma in Statistics with Financial Mathematics (MAST16).

5. A student who has been awarded sixty credits in respect of the units listed at 2A and B above, of which twenty credits are in respect of MAS6002 and twenty credits are in respect of MAS6052, will be eligible for the award of the Postgraduate Certificate in Statistics with Financial Mathematics (MAST17); at the discretion of the examiners, the requirement that the credits awarded include MAS6002 may be waived. A student who fails to satisfy this requirement may be permitted by the Faculty to become instead a student for the Postgraduate Certificate in Statistics (MAST07).

6. The Examiners may recommend the award of a Postgraduate Masters, or a Postgraduate Diploma, with merit or distinction.

7. A student will attend such residential weeks as are prescribed by the Head of Department.

Year 2

STUDENTS SHOULD REFER TO THE DEPARTMENT DIRECTLY FOR FURTHER INFORMATION ON WHICH MODULES WILL BE STUDIED IN WHICH YEAR OF THE PROGRAMME

(FT)

Year 1

1A. A student will take
MAS6002 F7 Statistical Laboratory ACAD YR 16 20
MAS6010 F7 Topics in Data Analysis ACAD YR 16 10
MAS6052 F7 Stochastic Processes and Finance ACAD YR 16 20
MAS6053 F7 Financial Mathematics AUT SEM 16 10

1B. A student will take 60 credits from this group.
MAS6003 F7 Linear Modelling ACAD YR 16 20
MAS6004 F7 Inference ACAD YR 16 20
MAS6011 F7 Dependent Data ACAD YR 16 20
MAS6031 F7 Special Topics 1 AUT SEM 16 10
MAS6032 F7 Special Topics 2 SPR SEM 16 10
MAS6071 F7 Applied Probability SPR SEM 16 10
Unrestricted F7 units to the value of 20 credits.

2. A student who has been awarded sixty credits in respect of units listed at 1A and B above, of which twenty credits are in respect of MAS6002 and twenty credits are in respect of MAS6052, will be eligible for the award of the Postgraduate Certificate in Statistics with Financial Mathematics (MAST17); at the discretion of the examiners, the requirement that the credits awarded include MAS6002 may be waived. A student who fails to satisfy this requirement may be permitted by the Faculty to become instead a student for the Postgraduate Certificate in Statistics (MAST07).

4. The Examiners may recommend the award of a Postgraduate Diploma with merit or distinction.


Year 1

1. Please refer to the regulations for the Masters version of this programme which can be found under MAST11. Students should contact the Department directly for further details of which units will be studied for the
Postgraduate Certificate.


Year 1

1A. A student will take
   MAS6001 F7 Data Analysis ACAD YR 16 20
   MAS6002 F7 Statistical Laboratory ACAD YR 16 20
   MAS6061 F7 Epidemiology and Time Series ACAD YR 16 20
   MAS6062 F7 Bayesian Methods & Clinical Trials ACAD YR 16 20

1B. A student will take 40 credits from this group.
   MAS6003 F7 Linear Modelling ACAD YR 16 20
   MAS6012 F7 Sampling, Design, Medical Statistics ACAD YR 16 20
   MAS6031 F7 Special Topics 1 AUT SEM 16 10
   MAS6032 F7 Special Topics 2 SPR SEM 16 10
   Unrestricted F7 units to the value of 20 credits.

1C. A student will take
   MAS6042 F7 Dissertation (MSc Statistics with Medical Applications) SPR SEM 16 60

2. A student may proceed to the dissertation only on the recommendation of the Examiners based on performance in the units listed at 1A and 1B.

3. A student who has been awarded one hundred and twenty credits in respect of units listed at 1A and B above, will be eligible for the award of the Postgraduate Diploma in Statistics with Medical Applications (MAST25).

4. A student who has been awarded sixty credits in respect of units listed at 1A and B above, of which twenty credits are in respect of MAS6002 and twenty credits are in respect of MAS6061, will be eligible for the award of the Postgraduate Certificate in Statistics with Medical Applications (MAST27); at the discretion of the examiners, the requirement that the credits awarded include MAS6002 may be waived. A student who fails to satisfy this requirement may be permitted by the Faculty to become instead a student for the Postgraduate Certificate in Statistics (MAST07).

5. The Examiners may recommend the award of a Postgraduate Masters, or a Postgraduate Diploma, with merit or distinction.

6. A student who in the opinion of the Head of Department demonstrates sufficient competence in either MAS6001, MAS6061 or MAS6062 may substitute one of these with MAS6031 Special Topics 1 and MAS6032 Special Topics 2.


Year 1

STUDENTS SHOULD REFER TO THE DEPARTMENT DIRECTLY FOR FURTHER INFORMATION ON WHICH UNITS WILL BE TAKEN IN WHICH YEAR OF THE PROGRAMME

1. The programme of study will be pursued for not less than two years, and will be subject to a time limit of four years.

2A. A student will take
   MAS6001 F7 Data Analysis ACAD YR 16 20
   MAS6002 F7 Statistical Laboratory ACAD YR 16 20
   MAS6061 F7 Epidemiology and Time Series ACAD YR 16 20
   MAS6062 F7 Bayesian Methods & Clinical Trials ACAD YR 16 20

2B. A student will take 40 credits from this group.
   MAS6003 F7 Linear Modelling ACAD YR 16 20

24-Aug-2016
2C. A student will take

MAS6042 F7 Dissertation (MSc Statistics with Medical Applications) SPR SEM 16 60

3. A student may proceed to the dissertation only on the recommendation of the Examiners based on performance in the units listed at 2A and 2B.

4. A student who has been awarded one hundred and twenty credits in respect of units listed at 2A and 2B above, will be eligible for the award of the Postgraduate Diploma in Statistics with Medical Applications (MAST26).

5. A student who has been awarded sixty credits in respect of units listed at 2A and 2B above, of which twenty credits are in respect of MAS6002 and twenty credits are in respect of MAS6061, will be eligible for the award of the Postgraduate Certificate in Statistics with Medical Applications (MAST28); at the discretion of the examiners, the requirement that the credits awarded include MAS6002 may be waived. A student who fails to satisfy this requirement may by permitted by the Faculty to become instead a student for the Postgraduate Certificate in Statistics (MAST08).

6. The Examiners may recommend the award of a Postgraduate Masters, or a Postgraduate Diploma, with merit or distinction.

7. A student may be permitted to substitute MAS6001, MAS6061 or MAS6062 with MAS6031 Special Topics 1 and MAS6032 Special Topics 2 subject to the approval of the Head of Department.

8. A student will attend such residential weeks as are prescribed by the Head of Department.

Year 2

STUDENTS SHOULD REFER TO THE DEPARTMENT DIRECTLY FOR FURTHER INFORMATION ON WHICH UNITS WILL BE TAKEN IN WHICH YEAR OF THE PROGRAMME

MAST23 MSC/STATS WITH MED APP DL (3YR (STATISTICS WITH MEDICAL APPLICATIONS))

Year 1

MAST25 PGDIP/STATS WITH MED APP FT (STATISTICS WITH MEDICAL APPLICATIONS)

Year 1

1A. A student will take

MAS6001 F7 Data Analysis ACAD YR 16 20
MAS6002 F7 Statistical Laboratory ACAD YR 16 20
MAS6061 F7 Epidemiology and Time Series ACAD YR 16 20
MAS6062 F7 Bayesian Methods & Clinical Trials ACAD YR 16 20

1B. A student will take 40 credits from this group.

MAS6003 F7 Linear Modelling ACAD YR 16 20
MAS6012 F7 Sampling, Design, Medical Statistics ACAD YR 16 20
MAS6031 F7 Special Topics 1 AUT SEM 16 10
MAS6032 F7 Special Topics 2 SPR SEM 16 10

Unrestricted F7 units to the value of 20 credits.

2. A student who has been awarded sixty credits in respect of units listed at 1A and B above, of which twenty
are in respect of MAS6002 and twenty credits are in respect of MAS6061, will be eligible for the award of Postgraduate Certificate in Statistics with Medical Applications (MAST27); at the discretion of the examiners, the requirement that the credits awarded include MAS6002 may be waived. A student who fails to satisfy this requirement may be permitted by the Faculty to become instead a student for the Postgraduate Certificate in Statistics (MAST07).

3. The Examiners may recommend the award of a Postgraduate Diploma with merit or distinction.

4. A student who in the opinion of the Head of Department demonstrates sufficient competence in either MAS6001, MAS6061 or MAS6062 may substitute one of these with MAS6031 Special Topics 1 and MAS6032 Special Topics 2.

### MAST27 PGCERT/STATS WITH MED APP FT (STATISTICS WITH MEDICAL APPLICATIONS) (2016-2017)

#### Year 1

1. Please refer to the regulations for the Masters version of this programme which can be found under MAST21. Students should contact the Department directly for further details of which units will be studied for the Postgraduate Certificate.

### MAST30 MSC/ MATHEMATICS FT (MATHEMATICS) (2016-2017)

#### Year 1

1A. A student will take 120 credits from this group.

<table>
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<th>Title</th>
<th>Credits</th>
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<tr>
<td>MAS6052</td>
<td>F7</td>
<td>Stochastic Processes and Finance</td>
<td>ACAD YR 16 20</td>
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<td>MAS6310</td>
<td>F7</td>
<td>Algebra I</td>
<td>ACAD YR 16 20</td>
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<td>MAS6320</td>
<td>F7</td>
<td>Algebra II</td>
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<td>MAS6340</td>
<td>F7</td>
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<td>ACAD YR 16 20</td>
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<td>MAS6352</td>
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<td>Geometry I</td>
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<td>MAS6370</td>
<td>F7</td>
<td>Algebraic Topology I</td>
<td>ACAD YR 16 20</td>
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<td>MAS6420</td>
<td>F7</td>
<td>Topics in Advanced Fluid Mechanics</td>
<td>AUT SEM 16 20</td>
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<td>MAS6431</td>
<td>F7</td>
<td>Analytical Dynamics and Classical Field Theory</td>
<td>ACAD YR 16 20</td>
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<tr>
<td>MAS6446</td>
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<td>Mathematical methods and modelling of natural systems</td>
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<td>F7</td>
<td>Waves and Magnetohydrodynamics</td>
<td>ACAD YR 16 20</td>
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<td>Directed Reading in Mathematics</td>
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<td>F7</td>
<td>Special Topics I</td>
<td>ACAD YR 16 20</td>
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<td>MAS6520</td>
<td>F7</td>
<td>Special Topics (Autumn)</td>
<td>AUT SEM 16 10</td>
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<td>F7</td>
<td>Special Topics (Spring)</td>
<td>SPR SEM 16 10</td>
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<td>MAS6540</td>
<td>F7</td>
<td>Special Topics 4</td>
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Unrestricted F7 units to the value of 20 credits.

1B. A student will take

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Year</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
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2. A student may proceed to the dissertation only on the recommendation of the Examiners based on performance in the units listed at 1A above.

3. A student who has been awarded one hundred and twenty credits in respect of units listed at 1A above, will be eligible for the award of the Postgraduate Diploma in Mathematics.

4. A student who has been awarded sixty credits in respect of units listed at 1A above, will be eligible for the award of the Postgraduate Certificate in Mathematics.

5. The Examiners may recommend the award of a Postgraduate Masters or a Postgraduate Diploma with merit or distinction.
### MBBT09 MSC/HUMAN & MOLECULAR GENETICS (HUMAN AND MOLECULAR GENETICS) (2016-2017) (FT)

**Year 1**

I(a). A student will take

<table>
<thead>
<tr>
<th>Code</th>
<th>Year</th>
<th>Course Title</th>
<th>Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBB6011</td>
<td>F7</td>
<td>Laboratory Techniques in Molecular Bioscience</td>
<td>GRAD YR 16</td>
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</tr>
<tr>
<td>MBB6313</td>
<td>F7</td>
<td>Genome Stability and Genetic Change</td>
<td>ACAD YR 16</td>
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<tr>
<td>MBB6320</td>
<td>F7</td>
<td>Human Genetics 1</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>MBB6336</td>
<td>F7</td>
<td>Human Genetics 2</td>
<td>SPR SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>MBB6402</td>
<td>F7</td>
<td>Literature Review</td>
<td>GRAD YR 16</td>
<td>30</td>
</tr>
<tr>
<td>MBB6405</td>
<td>F7</td>
<td>Advanced Research Topics</td>
<td>ACAD YR 16</td>
<td>15</td>
</tr>
</tbody>
</table>

I(b). A student will take

<table>
<thead>
<tr>
<th>Code</th>
<th>Year</th>
<th>Course Title</th>
<th>Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBB6403</td>
<td>F7</td>
<td>Research Project</td>
<td>GRAD YR 16</td>
<td>60</td>
</tr>
</tbody>
</table>

2. A student may proceed to the Research Project on the recommendation of the Examiners based on performance in the units listed at 1(a).

3. A student who has been awarded *one hundred and twenty* credits in respect of units listed at 1(a) and who does not complete the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Diploma in Human and Molecular Genetics.

4. A student who has been awarded *sixty* credits in respect of units listed at 1(a) and who does not complete the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Certificate in Human and Molecular Genetics.

5. An alternative list will be provided in 1(a) where a student has previously taken one or more MBB undergraduate units with content that substantially overlaps that of units in 1(a).

### MBBT12 MSC/MOLECULARBIO&BIOTCECH (MOLECULAR BIOLOGY AND BIOTECHNOLOGY) (2016-2017) (FT)

**Year 1**

1A. A student will take

<table>
<thead>
<tr>
<th>Code</th>
<th>Year</th>
<th>Course Title</th>
<th>Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPE6006</td>
<td>F7</td>
<td>Principles of Biochemical Engineering</td>
<td>AUT SEM 16</td>
<td>30</td>
</tr>
<tr>
<td>MBB6011</td>
<td>F7</td>
<td>Laboratory Techniques in Molecular Bioscience</td>
<td>GRAD YR 16</td>
<td>30</td>
</tr>
<tr>
<td>MBB6405</td>
<td>F7</td>
<td>Advanced Research Topics</td>
<td>ACAD YR 16</td>
<td>15</td>
</tr>
<tr>
<td>MBB6502</td>
<td>F7</td>
<td>Literature Review</td>
<td>GRAD YR 16</td>
<td>15</td>
</tr>
</tbody>
</table>

1B. A student will take 30 credits from this group.

<table>
<thead>
<tr>
<th>Code</th>
<th>Year</th>
<th>Course Title</th>
<th>Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBB6303</td>
<td>F7</td>
<td>Cells as Factories</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>MBB6304</td>
<td>F7</td>
<td>Plant Biotechnology</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>MBB6325</td>
<td>F7</td>
<td>The RNA World</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>MBB6340</td>
<td>F7</td>
<td>The Microbiology of Extreme Environments</td>
<td>SPR SEM 16</td>
<td>15</td>
</tr>
</tbody>
</table>

1C. A student will take

<table>
<thead>
<tr>
<th>Code</th>
<th>Year</th>
<th>Course Title</th>
<th>Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBB6403</td>
<td>F7</td>
<td>Research Project</td>
<td>GRAD YR 16</td>
<td>60</td>
</tr>
</tbody>
</table>

2. A student may proceed to the Research Project on the recommendation of the Examiners based on performance in the units listed at 1(a) and 1(b).

3. A student who has been awarded *one hundred and twenty* credits in respect of units listed at 1(a) and 1(b), and who does not complete the requirements for the Degree of MSc shall be eligible for the award of the Postgraduate Diploma in Molecular Biology and Biotechnology (MBBT13).

4. A student who has been awarded *sixty* credits in respect of units listed at 1(a) and 1(b) and who does not complete the requirements for the Degree of MSc shall be eligible for the award of the Postgraduate Certificate in Molecular Biology and Biotechnology (MBBT14).
Year 1

1. A person who satisfies the admission requirements of the University of Sheffield and of the University of Leeds may be admitted as a student.

2. A student will register at Sheffield at the beginning of the programme of study as a student of both the University of Sheffield and the University of Leeds. A student will have appropriate access to the facilities of both Universities but will be required to attend at the University identified in accordance with the following Regulations.

3. In the case of a part-time student the programme of study will be pursued for not less than eighteen months and will be subject to a time-limit of three years.

4A. At the University of Sheffield
A student will take

- MAT6390 * F7 Nanoscale Magnetic Materials and Devices 15
- PHY6002 * F7 Inorganic Semiconductor Nanostructures 15
- PHY6006 * F7 Macromolecules at Interfaces and Structured Organic Films 15
- PHY6007 * F7 Organic Semiconductors 15

4B. At the University of Leeds
A student will take

- CMNS5100 * F7 Generic Methodologies for Nanotechnology 15
- CMNS5400 * F7 Processing and Properties of Inorganic Nanomaterials 15
- CMNS5500 * F7 Self Assembling Nanostructured Molecular Materials and Devices 15
- CMNS5800 * F7 Bio-nanotechnology 15

4C. A unit to the value of 60 credits from the following at either university
A student will take 60 credits from this group.

- CHM602 F7 Nanoscale Project GRAD YR 16 60
- CMNS5900 * F7 Major Project 60
- MAT6045 * F7 Nanofolio MSc Courses Major Project 60
- PHY6009 * F7 Nanoscale Project 60

5. The Examiners (including the External Examiner) will be appointed jointly by the two Universities.

6. A student will carry out project work at whichever of the two Universities is more appropriate for the conduct of the work. A student who elects to carry out the work in the University of Leeds will remain subject to these Regulations but will be a student for the Degree of MSc of the University of Leeds and not for the Degree of MSc of the University of Sheffield.

7. A student who has been awarded one hundred and twenty credits in respect of units listed at 4A, B and C above will be eligible for the award of the Postgraduate Diploma in Nanoscale Science and Technology.

8. A student who has been awarded sixty credits in respect of units listed at 4A, B and C above will be eligible for the award of the Postgraduate Certificate in Nanoscale Science and Technology.

9. The Examiners may recommend the award of a Postgraduate Diploma with merit or distinction.

Year 1
2. A student will register at Sheffield at the beginning of the programme of study as a student of both the University of Sheffield and the University of Leeds. A student will have appropriate access to the facilities of both Universities but will be required to attend at the University identified in accordance with the following Regulations.

3. In the case of a part-time student the programme of study will be pursued for not less than eighteen months and will be subject to a time-limit of three years.

4A. At the University of Sheffield
A student will take

- MAT6390 * F7 Nanoscale Magnetic Materials and Devices 15
- MAT6720 * F7 Nanostructures, Nanopatterning and Nanomechanics 15
- PHY6002 * F7 Inorganic Semiconductor Nanostructures 15
- PHY6007 * F7 Organic Semiconductors 15

4B. At the University of Leeds
A student will take

- CMNS5100 * F7 Generic Methodologies for Nanotechnology 15
- ELEC5200 * F7 Next Generation Silicon Technologies 15
- ELEC5225M * F7 Molecular-Scale Engineering 15
- ELEC5500 * F7 Micro- and Nano-Electromechanical Systems 15

4C. At the University of Sheffield
A student will take 60 credits from this group.

- CHM602 F7 Nanoscale Project GRAD YR 16 60
- CMNS5900 * F7 Major Project 60
- MAT6045 * F7 Nanofolio MSc Courses Major Project 60
- PHY6009 * F7 Nanoscale Project 60

5. The Examiners (including the External Examiner) will be appointed jointly by the two Universities.

6. A student will carry out project work at whichever of the two Universities is more appropriate for the conduct of the work. A student who elects to carry out the work in the University of Leeds will remain subject to these Regulations but will be a student for a Degree of the University of Leeds and not for the Degree of MSc of the University of Sheffield.

7. A student who has been awarded one hundred and twenty credits in respect of units listed at 4A, B and C above will be eligible for the award of the Postgraduate Diploma in Nanoelectronics and Nanomechanics.

8. A student who has been awarded sixty credits in respect of units listed at 4A and B above will be eligible for the award of the Postgraduate Certificate in Nanoelectrics and Nanomechanics.

9. The Examiners may recommend the award of a Postgraduate Diploma with merit or distinction.

**PHYT16 MSC/MOLECULARSCALE ENG FT(DTC)**

(MOLECULAR SCALE ENGINEERING) (2016-2017)

(FT)

**Year 1**

**PHYT97 MSC/BIONANOTECHNLGY (INTG STD)**

(BIONANOTECHNOLOGY) (2016-2017)

(FT)

**Year 1**

1. A person who satisfies the admission requirements of the University of Sheffield and of the University of Leeds may be admitted as a student. A student will register at Sheffield at the beginning of the programme of study as
a student of both the University of Sheffield and the University of Leeds. A student will have appropriate access to the facilities of both Universities but will be required to attend at the University identified in accordance with the following Regulations.

2A. At the University of Sheffield
A student will take

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Level</th>
<th>Title</th>
<th>Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS6730</td>
<td>F7</td>
<td>Bionanomaterials</td>
<td>SPR</td>
<td>15</td>
</tr>
<tr>
<td>MAT6740</td>
<td>F7</td>
<td>Physics for Bionanotechnology</td>
<td>SEM</td>
<td>15</td>
</tr>
<tr>
<td>MAT6750</td>
<td>F7</td>
<td>Biophotonics and Bioimaging</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>PHY6006</td>
<td>F7</td>
<td>Macromolecules at Interfaces and Structured Organic Films</td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

2B. At the University of Leeds
A student will take

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Level</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMNS5100</td>
<td>F7</td>
<td>Generic Methodologies for Nanotechnology</td>
<td>15</td>
</tr>
<tr>
<td>CMNS5500</td>
<td>F7</td>
<td>Self Assembling Nanostructured Molecular Materials and Devices</td>
<td>15</td>
</tr>
<tr>
<td>CMNS5710</td>
<td>F7</td>
<td>Biosensors and Drug Delivery</td>
<td>15</td>
</tr>
<tr>
<td>CMNS5850</td>
<td>F7</td>
<td>Nanotoxicology</td>
<td>15</td>
</tr>
</tbody>
</table>

2C. A student will take 60 credits from this group.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Level</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM602</td>
<td>F7</td>
<td>Nanoscale Project</td>
<td>GRAD</td>
</tr>
<tr>
<td>MAT6045</td>
<td>F7</td>
<td>Nanofolio MSc Courses Major Project</td>
<td></td>
</tr>
<tr>
<td>PHY6009</td>
<td>F7</td>
<td>Nanoscale Project</td>
<td></td>
</tr>
</tbody>
</table>

3. A student will take (as part of the requirements for the Degree of PhD with Integrated Studies and unless exempted) Research Training Programme units to the value of forty-five credits as prescribed by the Head of Department following consultation with the student (in the case of a student who commenced the programme of study and research before September 2010), or will engage with the Doctoral Development Programme as student in the Regulations for the Doctoral Development Programme (in the case of a student commencing the programme of study and research in or after September 2010).

4. A student will (as part of the requirements for the Degree of PhD with Integrated Studies) complete satisfactorily the following

(i) ELT Intensive English Language Training (optional)

(ii) in the first year
Y.1.1 Induction Meeting
Y.1.2 Managing Research Time

(iii) in the second year
Y.2.1 Speaking Skills for Research Purposes
Y.2.2 Masters Research Projects Oral Presentations

(iv) in the third year
Y.3.1 Research Poster Presentations

(v) in the fourth year
Y.4.1 Thesis Writing and Viva Preparation
Y.4.2 Graduate Research Conference - Oral Presentations

5. A student will be expected to attend at least two Career Management Skills sessions during the four year programme.

6. A student who does not complete the requirements for the Degree of MSc may be eligible instead for the award of the Postgraduate Diploma or the Postgraduate Certificate in Bionanotechnology in accordance with the Regulations for the Degree of MSc in Bionanotechnology. Such a student will not be permitted to continue as a student for the Degree of PhD with Integrated Studies.

7. A student who does not pass CHM602, MAT6045 or PHY6009 (Project) listed at 2C above with a minimum mark of 60% at the first attempt will be ineligible to proceed to the degree of PhD.
Year 1

1. A person who satisfies the admission requirements of the University of Sheffield and of the University of Leeds may be admitted as a student. A candidate will register at Sheffield at the beginning of the programme of study as a student of both the University of Sheffield and the University of Leeds. A student will have appropriate access to the facilities of both Universities but will be required to attend at the University identified in accordance with the following Regulations.

2A. at the University of Sheffield

A student will take

- BMS6730 F7 Bionanomaterials SPR SEM 16 15
- MAT6390 * F7 Nanoscale Magnetic Materials and Devices 15
- MAT6720 * F7 Nanostructures, Nanopatterning and Nanomechanics 15
- PHY6002 * F7 Inorganic Semiconductor Nanostructures 15

2B. At the University of Leeds

A student will take

- CMNS5100 * F7 Generic Methodologies for Nanotechnology 15
- CMNS5400 * F7 Processing and Properties of Inorganic Nanomaterials 15
- CMNS5500 * F7 Self Assembling Nanostructured Molecular Materials and Devices 15
- CMNS5610M F7 Nanoparticles: Synthesis and Applications 15

2C. A student will take 60 credits from this group.

- CHM602 F7 Nanoscale Project GRAD YR 16 60
- MAT6045 * F7 Nanofolio MSc Courses Major Project 60
- PHY6009 * F7 Nanoscale Project 60

3. A student will take (as part of the requirements for the Degree of PhD with Integrated Studies and unless exempted) Research Training Programme units to the value of forty-five credits as prescribed by the Head of Department following consultation with the student (in the case of a student who commenced the programme of study and research before September 2010), or will engage with the Doctoral Development Programme as prescribed in the Regulations for the Doctoral Development Programme (in the case of a student commencing the programme of study and research in or after September 2010).

4. 1F A student will (as part of the requirements for the Degree of PhD with Integrated Studies) complete satisfactorily the following

- (i) ELT Intensive English Language Training (optional)
- (ii) in the first year
  - Y1.1 Induction Meeting
  - Y1.2 Managing Research Time
- (iii) in the second year
  - Y2.1 Speaking Skills for Research Purposes
  - Y2.2 Masters Research Projects - Oral Presentations
- (iv) in the third year
  - Y3.1 Research Poster Presentations
- (v) in the fourth year
  - Y4.1 Thesis Writing and Viva Preparation
  - Y4.2 Graduate Research Conference - Oral Presentations
5. A student will be expected to attend at least two Career Management Skills sessions during the four year programme. A student who does not complete the requirements for the Degree of MSc may be eligible instead for the award of the Postgraduate Diploma or the Postgraduate Certificate in Nanomaterials for Nanoengineering in accordance with the Regulations for the Degree of MSc in Nanomaterials for Nanoengineering. Such a student will not be permitted to continue as a student for the Degree of PhD with Integrated Studies.

6. A student who does not pass CHM602, MAT6045 or PHY6009 (Project) listed at 2C above with a minimum mark of 60% at the first attempt will be ineligible to proceed to the degree of PhD.

VIST40 MSC/(SHEF/LEEDS)BIONANOTECH FT
(BIONANOTECHNOLOGY) (2016-2017)
(FT)

Year 1
PSYT107 MSC/PSY RESEARCH METHODS FT
(PSYCHOLOGICAL RESEARCH METHODS)

Year 1

1A. A student will take

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Year</th>
<th>Course Title</th>
<th>Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY6010</td>
<td>F7</td>
<td>Multivariate Methods for Personality and Social Psychology</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>PSY6121</td>
<td>F7</td>
<td>Research Methods</td>
<td>AUT SEM 16</td>
<td>30</td>
</tr>
<tr>
<td>PSY6122</td>
<td>F7</td>
<td>Current Issues in Psychological Research</td>
<td>SPR SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>PSY6231</td>
<td>F7</td>
<td>Professional Skills for Psychologists</td>
<td>ACAD YR 16</td>
<td>30</td>
</tr>
<tr>
<td>PSY6232</td>
<td>F7</td>
<td>Systematically Reviewing Psychological Research</td>
<td>ACAD YR 16</td>
<td>30</td>
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</tbody>
</table>

1B. A student will take

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Year</th>
<th>Course Title</th>
<th>Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY6110</td>
<td>F7</td>
<td>Research Project in Psychology</td>
<td>GRAD YR 16</td>
<td>60</td>
</tr>
</tbody>
</table>

2. A person may be admitted as a student who is a recognised graduate with a 2:1 Honours or equivalent in Psychology or related subject and must have undergraduate training in Statistics for Psychology.

3. A student who has been awarded one hundred and twenty credits in respect of units listed at 1A above and who does not complete the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Diploma in Psychological Research Methods.

4. A student who has been awarded sixty credits in respect of units listed in 1A above and who does not complete the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Certificate in Psychological Research Methods.

PSYT12 MSC/COG & COMP NEUROSCI (FT) (COGNITIVE AND COMPUTATIONAL NEUROSCIENCE)

Year 1

1A. A student will take

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Year</th>
<th>Course Title</th>
<th>Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY6305</td>
<td>F7</td>
<td>Fundamentals of Cognitive Neuroscience</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>PSY6306</td>
<td>F7</td>
<td>Fundamentals of Neuroscience</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>PSY6307</td>
<td>F7</td>
<td>Computational Neuroscience 1: Biologically Grounded Models</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>PSY6308</td>
<td>F7</td>
<td>Computational Neuroscience 2: Theoretical Models</td>
<td>SPR SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>PSY6309</td>
<td>F7</td>
<td>Mathematical Modelling and Research Skills</td>
<td>AUT SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>PSY6310</td>
<td>F7</td>
<td>Brain Imaging and its Physical Foundations</td>
<td>SPR SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>PSY6315</td>
<td>F7</td>
<td>Current Issues in Systems Neuroscience</td>
<td>SPR SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>PSY6316</td>
<td>F7</td>
<td>Current Issues in Cognitive Neuroscience</td>
<td>SPR SEM 16</td>
<td>15</td>
</tr>
</tbody>
</table>

1B. A student will take

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Year</th>
<th>Course Title</th>
<th>Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY6321</td>
<td>F7</td>
<td>Research Project in Cognitive and Computational Neuroscience</td>
<td>SPR SEM 16</td>
<td>60</td>
</tr>
</tbody>
</table>

2. A student who has been awarded one hundred and twenty credits in respect of units listed in 1A above and who does not complete the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Diploma in Cognitive and Computational Neuroscience.

3. A student who has been awarded sixty credits in respect of units listed in 1A above and who does not complete the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Certificate in Cognitive and Computational Neuroscience.

PSYT15 PGCERT/LW INT PSY INTVN (ENHAN (LOW INTENSITY PSYCHOLOGICAL INTERVENTIONS - ENHANCED)
Year 1

1. A student will take
   - PSY6014 F7 Low Intensity Interventions for Mental Health Problems AUT SEM 16 30
   - PSY6015 F7 Social Healthcare: Values, Diversity and Context SPR SEM 16 30

2. A person may be admitted as a student who: (a) has a recognised degree at 2:2 or above in a health related discipline or (b) has extensive experience of work in a mental healthcare setting and a demonstrated capacity to work at a masters level, and will either be employed in a primary care setting or have managerial support for access to patients in primary care settings. Except with the permission of the Faculty it will be a condition of registration that a student is to be an employee of the National Health Service or of an employer deemed to be equivalent.

3. The programme of study will be pursued for one year full-time. Supervised clinical practice will be for a minimum of four days per week in the students work place throughout the programme of study with a combined total of 40 hours clinical and case management supervision and 80 hours clinical practice.

4. A student who fails in any part of the examination may be permitted to retake that part of the examination on one occasion only. Should the second submission fail, the student will be asked to submit mitigating circumstances for the Exam Board to consider. If the Board upholds the presence of mitigating circumstances, then a third and final submission is requested. The second submission will be deemed not assessed and does not count towards the accrued fail total. If mitigating circumstances are not upheld, then the second submission stands. The Exam Board will then take action under the Progress of Students regulations. Should a trainee accrue three fails or borderline fails in any one module at any one time then the Exam Board will take action under the Progress of Students regulations.

5. A student will undertake: a) prescribed coursework including the production of a Practice Portfolio, observed structured clinical exams, assessed clinical sessions with patients and a supervision process review b) supervised practice in low intensity psychological interventions in an IAPT service in the NHS or 3rd sector

6. The student will undertake: a) case management supervision b) clinical supervision c) assessment of clinical competence in the workplace d) reflective writing e) a process review of case management supervision f) assessment of clinical competency in the University and g) observed structured clinical exams

7. The programme of study will be pursued for one year by a full time student. A single extension to registration of one year is the maximum. Supervised practice in low intensity work in IAPT services will be for a period of four days per week throughout the programme of study.

8. A student who contravenes the standards of conduct, performance and ethics for the British Association of Behavioural and Cognitive Psychotherapy or the Generic Professional Practice Guidelines of the British Psychological Society may be dealt with under General Regulations as to Progress of Students, the General Regulations relating to Student Fitness to Practice or the General Regulations as to the Discipline of Students.

9. No aegrotant award can be made from this programme.

PSYT16 PGDIP/HIGH INTENS PSY INTERVEN (HIGH INTENSITY PSYCHOLOGICAL INTERVENTIONS) (2016-2017) (FT)

Year 1

1. A student will take
   - PSY6011 F7 The Fundamentals of Cognitive Behavioural Therapy ACAD YR 16 40
   - PSY6012 F7 Cognitive Behaviour Therapy for Anxiety Disorders ACAD YR 16 40
   - PSY6013 F7 Cognitive Behavioural Therapy for Depression ACAD YR 16 40

2. A person may be admitted as a student who has a professional qualification that enables them to work in the mental health services, such as clinical psychology, psychotherapy, nursing, or counselling, and will either be employed in a primary care setting or have managerial support for access to patients in primary care settings. Persons without a professional training (such as graduate mental health workers) or PWP's will be admitted under the British Association of Behavioural and Cognitive Psychotherapies Knowledge Skills and Attitude protocol (BABCP KSA). PWP's need to have been qualified for two years to be considered for the course. Except with the permission of the Faculty it will be a condition of registration that a student is to be an employee of the National Health Service or of an employer deemed to be equivalent.

3. The programme of study will be pursued for one year full-time. Supervised clinical practice will be for a minimum of three days per week in the students work place throughout the programme of study, with a minimum of 70 hours clinical supervision and a total of 200 hours clinical work.
4. A student who fails in any part of the examination may be permitted to retake that part of the examination on one occasion only. Should the second submission fail, the student will be asked to submit any mitigating circumstances for the Exam Board to consider. If the Board upholds the presence of mitigating circumstances, then a third and final submission is requested. The second submission will be deemed not assessed and does not count towards the accrued fail total. If mitigating circumstances are not upheld then the second fail stands. The Exam Board will then take action under the Progress of Students regulations. Should a trainee accrue two fails or borderline fails in any one module at any one time then the Exam Board will take action under the Progress of Students regulations.

5. A student will undertake: a) prescribed coursework including the production of a Practice Portfolio, case studies, a case based literature review, observed structured clinical exam and assessed clinical sessions with patients b) supervised practice in CBT in an IAPT service in the NHS or 3rd sector employer

6. The student will undertake: a) clinical supervision b) an OSCE c) assessment of clinical competence in the workplace d) two case studies e) one case based literature review f) assessment of clinical competence in the University and g) a practice portfolio

7. The programme of study will be pursued for one year by a full time student. A single extension to registration of one year is the maximum. Supervised practice in CBT in IAPT services will be for a period of three days per week throughout the programme of study.

8. A student who contravenes the standards of conduct, performance and ethics for the British Association of Behavioural and Cognitive Psychotherapy may be dealt with under general regulations as to progress of students, the general regulations relating to student fitness to practice or the general regulations as to discipline of students.

9. No aegrotant awards can be made from this programme.

**PSYT18 MSC/COG & COMP NROSCI (INT STD (COGNITIVE AND COMPUTATIONAL NEUROSCIENCE)**

(2016-2017)

(FT)

**PSYT23 MSC(RES)/COG NSCI & HMN NEURO (COGNITIVE NEUROSCIENCE AND HUMAN NEURO-IMAGING)**

(2016-2017)

(FT)

**Year 1**

1A. A student will take

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Code</th>
<th>Title</th>
<th>YR</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>MED624</td>
<td>F7</td>
<td>Applied Neuroimaging, Neurophysiology and Psychiatry</td>
<td>ACAD YR 16</td>
<td>15</td>
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<tr>
<td>PSY6305</td>
<td>F7</td>
<td>Fundamentals of Cognitive Neuroscience</td>
<td>AUT SEM 16</td>
<td>15</td>
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<tr>
<td>PSY6306</td>
<td>F7</td>
<td>Fundamentals of Neuroscience</td>
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1B. one of the following

<table>
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<tr>
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<tbody>
<tr>
<td>PSY6307</td>
<td>F7</td>
<td>Computational Neuroscience 1: Biologically Grounded Models</td>
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</tr>
<tr>
<td>PSY6309</td>
<td>F7</td>
<td>Mathematical Modelling and Research Skills</td>
<td>15</td>
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<tr>
<td>PSY6310</td>
<td>F7</td>
<td>Brain Imaging and its physical foundations</td>
<td>15</td>
</tr>
<tr>
<td>BMS6054</td>
<td>F7</td>
<td>Ethics and Public Awareness of Science</td>
<td>15</td>
</tr>
<tr>
<td>MED645</td>
<td>F7</td>
<td>Neuroanatomy nad Neuroradiology</td>
<td>15</td>
</tr>
<tr>
<td>PSY6319</td>
<td>F7</td>
<td>Brain Imaging and Clinical Neurology</td>
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</table>

1Ci. A student will take

<table>
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</thead>
<tbody>
<tr>
<td>MED634</td>
<td>F7</td>
<td>MRes Research Project Psychiatry</td>
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</table>

Or

1Cii. A student will take

<table>
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<tr>
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<th>Code</th>
<th>Title</th>
<th>YR</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY6318</td>
<td>F7</td>
<td>Research Project</td>
<td>ACAD YR 16</td>
<td>90</td>
</tr>
</tbody>
</table>

2. The programme of study will be pursued for one year full-time.
3. A student who has been awarded sixty credits in respect of units listed in 1A and 1B above will be eligible for the award of the Postgraduate Certificate in Cognitive Neuroscience and Human Neuro-Imaging.

**PSYT24 MSC/PSY RESEARCH METHODS PT**
**(PSYCHOLOGICAL RESEARCH METHODS)**
**(2016-2017)**

**(PT)**

**Year 1**

1A. A student will take

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Title</th>
<th>Semester</th>
<th>Credits</th>
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<tr>
<td>PSY6010</td>
<td>F7</td>
<td>Multivariate Methods for Personality and Social Psychology</td>
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<tr>
<td>PSY6121</td>
<td>F7</td>
<td>Research Methods</td>
<td>AUT SEM 16</td>
<td>30</td>
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<tr>
<td>PSY6232</td>
<td>F7</td>
<td>Systematically Reviewing Psychological Research</td>
<td>ACAD YR 16</td>
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</table>

1B. A student will take

<table>
<thead>
<tr>
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<th>Type</th>
<th>Title</th>
<th>Semester</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PSY6110</td>
<td>F7</td>
<td>Research Project in Psychology</td>
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**Year 2**

2A. A student will take

<table>
<thead>
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<th>Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY6122</td>
<td>F7</td>
<td>Current Issues in Psychological Research</td>
<td>SPR SEM 16</td>
<td>15</td>
</tr>
<tr>
<td>PSY6231</td>
<td>F7</td>
<td>Professional Skills for Psychologists</td>
<td>ACAD YR 16</td>
<td>30</td>
</tr>
</tbody>
</table>

3. A person may be admitted as student who is a recognised graduate with Honours in Psychology or equivalent

The programme of study will be pursued for not less than two years by a part-time student and will normally be subject to a time limit of three years. A student must contact the Department for further details on which units are studied in which year.

A student who has been awarded one hundred and twenty credits in respect of units listed at 4(a) above and who does not complete the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Diploma in Psychological Research Methods.

A student who has been awarded sixty credits in respect of units listed in 1A above and who does not complete the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Certificate in Psychological Research Methods.

**PSYT33 PGCERT/CLINIC SV FOR INPATIENT (CLINICAL SUPERVISION FOR INPATIENT AND COMPLEX CARE SETTINGS)**
**(2016-2017)**

**(DL)**

**Year 1**

1. A person may be admitted as a student who has 1st level mental health nurse registration (or equivalent professional registration) with significant (3 or more years post qualification experience would normally be expected) within an acute mental health setting.

2. The programme of study will be pursued for not less than 1 year part-time and will normally be subject to a time limit of 2 years.

3. A student will take

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Title</th>
<th>Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY6016</td>
<td>F7</td>
<td>Advancing Supervision Skills I</td>
<td>NHS 17-18</td>
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<tr>
<td>PSY6017</td>
<td>F7</td>
<td>Advancing Supervision Skills II</td>
<td>NHS 17-18</td>
<td>30</td>
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</table>

4. A student will attend two three day periods of study at the University, one at the beginning of each semester.

**PSYT34 PGCERT/CLINIC SV FOR INPATIENT (CLINICAL SUPERVISION FOR INPATIENT AND COMPLEX CARE SETTINGS)**
**(2016-2017)**

**(DL)**
Year 1

1. A person may be admitted as a student who has 1st level mental health nurse registration (or equivalent professional registration) with significant (3 or more years post qualification experience would normally be expected) within an acute mental health setting.

2. The programme of study will be pursued for not less than 1 year part-time and will normally be subject to a time limit of 2 years.

3. A student will take
   - PSY6016 F7 Advancing Supervision Skills I
   - PSY6017 F7 Advancing Supervision Skills II

4. A student will attend two three day periods of study at the University, one at the beginning of each semester.

PSYT35 MSC/PSYCHRESMETHDSW/ADVSTATSFT
(PSYCHOLOGICAL RESEARCH METHODS WITH ADVANCED STATISTICS) (2016-2017)

Year 1

1A. A student will take
   - PSY6010 F7 Multivariate Methods for Personality and Social Psychology
   - PSY6121 F7 Research Methods
   - PSY6210 F7 Advanced Statistical Methods for Psychologists
   - PSY6231 F7 Professional Skills for Psychologists
   - PSY6232 F7 Systematically Reviewing Psychological Research

1B. A student will take
   - PSY6233 F7 Research Project in Psychology with Advanced Statistics

2. A person may be admitted as a student who is a recognised graduate with Honours in Psychology or equivalent

3. A student who has been awarded one hundred and twenty credits in respect of units listed at 1A above (to include both statistics modules) and who does not complete the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Diploma in Psychological Research Methods with Advanced Statistics (PSYT37).

4. A student who has been awarded sixty credits in respect of units listed in 1A above (to include both statistics modules) and who does not complete the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Certificate in Psychological Research Methods with Advanced Statistics (PSYT39).

PSYT36 MSC/PSYCHRESMETHDSW/ADVSTATSPT
(PSYCHOLOGICAL RESEARCH METHODS WITH ADVANCED STATISTICS) (2016-2017)

Year 1

1A. A student will take
   - PSY6010 F7 Multivariate Methods for Personality and Social Psychology
   - PSY6121 F7 Research Methods
   - PSY6210 F7 Advanced Statistical Methods for Psychologists
   - PSY6232 F7 Systematically Reviewing Psychological Research

Year 2

2A. A student will take
   - PSY6231 F7 Professional Skills for Psychologists

2B. A student will take
3. A person may be admitted as student who is a recognised graduate with Honours in Psychology or equivalent. The programme of study will be pursued for not less than two years by a part-time student and will normally be subject to a time limit of three years. A student must contact the Department for further details on which units are studied in which year.

4. A student who has been awarded one hundred and twenty credits in respect of units listed at 1A and 2A above and who does not complete the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Diploma in Psychological Research Methods with Advanced Statistics (PSYT38).

5. A student who has been awarded sixty credits in respect of units listed in 1A and 2A above and who does not complete the requirements for the Degree of MSc will be eligible for the award of the Postgraduate Certificate in Psychological Research Methods with Advanced Statistics (PSYT40).
Psychology postgraduate regulations

The content of our courses is reviewed annually to make sure it’s up-to-date and relevant. Individual modules are occasionally updated or withdrawn. This is in response to discoveries through our world-leading research; funding changes; professional accreditation requirements; student or employer feedback; outcomes of reviews; and variations in staff or student numbers. In the event of any change the University will consult and inform students in good time and will take reasonable steps to minimise disruption.

Faculty of Science

INDEX

Regulations are presented in programme code order. An alphabetical index of programme titles is as follows:

<table>
<thead>
<tr>
<th>Programme Code</th>
<th>Programme Name</th>
<th>Programme Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYR09</td>
<td>Clinical Psychology</td>
<td>(DClinPsy)</td>
</tr>
</tbody>
</table>

PSYR09 REGULATIONS FOR THE DEGREE OF DOCTOR OF CLINICAL PSYCHOLOGY (DClinPsy)

This programme of study is non-modular.

A. For students without professional qualifications in Clinical Psychology (PSYR09 (Full-Time))

1. A person may be admitted as a student who is a recognised graduate in Psychology and is eligible for the Graduate Basis for Chartered Membership (GBC) of the British Psychological Society. It will be a condition of registration that a student is to be an employee of or hold a License to Operate with the National Health Service or of an employer deemed to be equivalent.

2. A student will undertake
   (a) prescribed coursework, including academic clinical projects, case studies, and short-answer questions
   (b) supervised practice in Clinical Psychology on placement
   (c) a thesis.

3. The examination will consist of
   (a) academic clinical projects
   (b) short-answer questions
   (c) case studies
   (d) observed clinical skills assessment
   (e) assessment of clinical competence on placement
   (f) a thesis
   (g) an oral examination on all aspects of submitted work.

4. The programme of study will be pursued for three years by a full-time student. A single extension to registration of one year is the maximum permitted. Supervised practice in Clinical Psychology on placement will be for a period of at least two days per week throughout the programme of study.

5. A student will pursue a programme of research in accordance with the General Regulations for Higher Degrees, and will present a thesis in accordance with those Regulations.

6. A student who fails in any part of the examination may be permitted to retake that part of the examination on one occasion only.

7. A student who contravenes the Standards of conduct, performance and ethics or the Guidance of conduct and ethics for students of the Health and Care Professions Council or the Code of Ethics and Conduct for Psychologists or the Generic Professional Practice Guidelines of the British Psychological Society or the Professional Practice Guidelines of the Division of Clinical psychology may be dealt with under General Regulations relating to Student Fitness to Practise or the General Regulations as to the Discipline of Students.

8. No aegrotat awards can be made from this programme.