MSc Welcome Talk

Dr. Darryl Overby
Director of Post-Graduate Studies (taught)
Who We Are

Prof. Anthony Bull
Head of Department
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Prof. Rob Krams
Postgraduate Tutor
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Dr. Darryl Overby
MSc Biomedical Engineering Programme Director
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Prof. Etienne Burdet
MSc Human & Biological Robotics Programme Director
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Course Administrator
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ICT + Computer Support
Ms Edit Toth
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Mr. Martin Holloway
Academic Tutor
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Who are you?

2014/15 Entry Data

**Home Country**
- Overseas: 18.2%
- UK: 15.2%
- EU: 66.7%

**Academic Background**
- Biomedical Engineering
- Physical Sciences
- Mechanical Engineering
- Electrical Engineering
- Materials Engineering
- Life Sciences
- Aeronautical Engineering
- Production engineering

Please take our MSc entry survey (will email link):

https://imperial.eu.qualtrics.com/jfe/form/SV_eJKsBi1UQ9px4cl
Brief History of Bioengineering at Imperial

Started in 1991 with 10 students!
Became a true Department in 2001
Now growing fast!

• 36 academics
• ~50 research and admin staff
• 92 MSc students
• 370 undergraduates
• 25 MRes students
• 135 PhD students
Global rankings

THE TIMES HIGHER EDUCATION WORLD UNIVERSITY RANKINGS 2015-16
- 3rd in Europe and 8th in the world

THE TIMES HIGHER EDUCATION WORLD UNIVERSITY RANKINGS 2015-16 SUBJECT RANKINGS
- Clinical, pre-clinical and health, 4th in Europe (5th joint)
- Engineering and technology, 4th in Europe (9th)
- Life Sciences, 3rd in Europe (6th)
- Physical Sciences, 5th in Europe (16th)

QS WORLD UNIVERSITY RANKINGS 2015–16
- 8th in the world

ACADEMIC RANKING OF TOP 500 WORLD UNIVERSITIES 2015
- 23rd in the world

US NEWS BEST GLOBAL UNIVERSITIES
- 12th in the world
- 3rd outside the US

REUTERS - TOP 100 INNOVATIVE UNIVERSITIES 2015
- 11th in the world
- 1st in Europe
## World ranking- QRED ranking (EPFL)

Quantitative Ranking of Engineering Disciplines: Bioengineering 2011/12

<table>
<thead>
<tr>
<th>Institution</th>
<th>QRED Ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Massachusetts Institute of Technology</td>
<td>1</td>
</tr>
<tr>
<td>University of California–San Diego</td>
<td>2</td>
</tr>
<tr>
<td>EPF Lausanne (EPFL)</td>
<td>3</td>
</tr>
<tr>
<td>Imperial College London</td>
<td>4</td>
</tr>
<tr>
<td>University of Oxford</td>
<td>5</td>
</tr>
<tr>
<td>ETH Zürich (ETHZ)</td>
<td>6</td>
</tr>
<tr>
<td>University of Twente</td>
<td>7</td>
</tr>
<tr>
<td>University of Cambridge</td>
<td>8</td>
</tr>
<tr>
<td>Duke University</td>
<td>9</td>
</tr>
<tr>
<td>Georgia Institute of Technology</td>
<td>10</td>
</tr>
<tr>
<td>Johns Hopkins University</td>
<td>11</td>
</tr>
<tr>
<td>University of Washington</td>
<td>12</td>
</tr>
<tr>
<td>Eindhoven University of Technology</td>
<td>13</td>
</tr>
<tr>
<td>Polytechnic Institute of Milan</td>
<td>14</td>
</tr>
<tr>
<td>Technion-Israel Institute of Technology</td>
<td>15</td>
</tr>
</tbody>
</table>

[http://sti.epfl.ch/page-73094.html](http://sti.epfl.ch/page-73094.html)  … or just google “EFPL QRED”
Buildings where wheelchair access is not possible at this time:

1. Beit Quadrangle
2. Imperial College Union
3. Ethos Sports Centre
4. Prince's Gardens, North Side
5. Garfield Hall
6. Weeks Hall
7. Blackett Laboratory
8. Roderic Hill Building
9. Bone Building
10. Royal School of Mines
11. Bessemer Building
12. Goldsmiths Building
13. Huxley Building
14. ACE Extension
15. William Penney Laboratory
16. Electrical Engineering
17. Business School
18. 53 Prince's Gate
19. Eastside
20. Sherfield Building
21. Student Hub
22. Conference Office
23. Grantham Institute for Climate Change
24. Faculty Building
25. Imperial College and Science Museum Libraries
26. Queen's Tower
27. Skempton Building
28. Mechanical Engineering Building
29. Southside
30. Wolfson Building
31. Floers Building
32. Chemistry Building
33. Sir Alexander Fleming Building
34. Chemistry RC51

RSM = Royal School of Mines
Welcome to the Department!

Student Office: RSM 3.21c

Teaching Office Staff

Head of Student Programmes:
Ms Louise O’Sullivan

Student Programmes Manager:
Ms. Britta Ross

Programmes Development Manager:
Ms Maddi O’Brien

Student Administrators:
Ms Sam Kemp
Ms Tracey Glenister
Ms Leigh Whitlie
Keep your SWIPE CARD with you at all times!

It is your IDENTITY to College.
Linked to your student CID.
Contains unique barcode, magnetic strip and RFID chip.

Your swipe card gives you access to:
- All buildings in Bioengineering
- photocopiers
- library
- Ethos
- and more …

NEVER lend out your swipe card!
Don't have your Swipe Card???

- You must **register** before you can get your card.
- If not registered, then you need to do this NOW! (eService)
  
  [http://www3.imperial.ac.uk/registry/currentstudents/howtoregister](http://www3.imperial.ac.uk/registry/currentstudents/howtoregister)
- You can upload a photo (quicker to get your card)
- If you’ve registered but don’t have your card, then check with Sam, Tracey or Leigh in the Student Office (RSM 3.21c), they may have it!

**ID Card Office (Sherfield 151)**

- Can take photos and issue ID cards.
- Re-issues lost cards (£10 deposit).

More Information see: [http://www3.imperial.ac.uk/estatesfacilities/services/id/firstcard](http://www3.imperial.ac.uk/estatesfacilities/services/id/firstcard)
College Hours

- Normal Working Hours: 8:30am – 5:30pm

- Must vacate building by 11:30pm
  (security comes around!!)

- No lone working in laboratories without staff presence!
Points of Interest

Lecture Rooms
RSM 301c (Class/Seminar Room)
RSM 303 (Bagrit Seminar Room)
RSM G01, G08, G20, 147, 131, 228 (this room!), 338,

Student Office
RSM 3.21c

Bioengineering Common Room
RSM 3.06
Computers

Large computer room for student use:
- RSM 338
- RSM G08 (100+ desks for all Faculty of Eng students)

-Further PCs in the Library and RSM 3.06
-Own laptops: OK, but must be registered with ICT!

College-wide login and password issued by ICT.
email: should go live within 2-3 days

You MUST observe the computing rules
Main Central Library is on west side of campus near Queen’s lawn/tower.

Other libraries at the hospital campuses

Extensive electronic resources.

Small Bioengineering collection in the Department - See Ms. Britta Ross in RSM 3.21c to borrow items.
Lockers are on lower ground floor of RSM. Students bring their own locks and label the locker according to instructions.

- **More lockers** are on RSM Level 4: **daily use only**!
- **Vending machines** in Bessemer lobby & Sherfield Building
- **Snack bars**: Level 3 RSM,
  - Mechanical Eng; Level 7 and Level 1
  - Electrical Eng; Main ‘Walkway’
Local Knowledge

-Mail: Pigeon holes outside Teaching Office

-Telephones:
  - No outside or personal calls
  - Internal phones in computer rooms and labs

Photocopying
-Copying/printing access via your SWIPE card.
-Initial allowance: £45, purchase further credit at the Library.
-Copiers are available in the Library.
-Colour printers in RSM 338 and Level 4 RSM.
Emergencies

In the event of an emergency: dial 4444 on any internal phone
020 7589 1000 on a Mobile phone
do not dial 999

Do not attempt to deal with fires, chemical spills or intruders by yourself.

If you discover a fire, immediately press the nearest red alarm call point.

If you hear a fire alarm, evacuate by the nearest route taking the staircases.

Familiarise yourself with the safety procedures outlined in the your Student Handbook.
How to Address your Instructors

• In the UK, it is customary to use titles in an academic setting, particularly for students communicating to an instructor or supervisor. This includes all manner of communication (especially emails and questions in and out of class!)

• Academics with a PhD or MD are referred to as “Doctor” or “Dr.”
• Those without a PhD/MD are referred to as “Mr.” or “Ms.” (this includes support staff)
• The title “Professor” is reserved for the highest academic stature, and indicates someone who has achieved truly outstanding success in their field.

• Although you may enter a first-name relationship with a staff member, never assume and always use the appropriate title. If unclear, check the Departmental website!
MSc Biomedical Engineering
Learning Objectives:

• To equip you for a career in Bioengineering, by training you in the physical and engineering techniques applied to medicine and medical science.

• Remain relevant to needs of employment, and to assist your professional development.

• Enhance your critical and problem-solving ability, and transferable skills.
Biomedical Engineering - Streams

The MSc course consists of 4 streams:
- Biomaterials and Tissue Engineering
- Biomechanics and Mechanobiology
- Medical Physics and Imaging
- Neurotechnology

You must decide on a stream now!

The Curriculum consists of 3 assessed elements:
- Core courses (compulsory, common to all streams)
- Specialist courses (some compulsory/some optional, stream specific)
- Individual Research Project (compulsory, student-led)

Additional Requirements:
- Departmental Seminars
- Plagiarism Awareness Course
Biomedical Engineering - Core Modules

- Systems Physiology, some stream-specific lectures (Term 1)
- Statistics and Data Analysis (Term 1)
- Biomedical Imaging* (Term 1)
- Medical Device Certification (Term 1)
- Journal Club (Term 1)

* Taught conjointly with some BE undergraduates

NB: Journal Club meets separately for each stream.

You will elect one student representative per stream during the first Journal Club.
Specialist Modules: Medical Physics and Imaging

Compulsory:
- Advanced Physiological Monitoring and Data Analysis* (Term 1)

Optional (choose 4)
- Radiotherapy and Radiobiology (Term 2)
- Nuclear Medicine (Term 2)
- Advanced Medical Imaging* (Term 2)
- Image Processing* (Term 2)
- Biomechanics* (Term 1)
- Biomaterials* (Term 1)
- Hearing and Speech Processing* (Term 1)
- Health Economics and Decision Making (Term 2) or Computational Neuroscience (Term 2)
- Biomimetics* (Term 2)
- Introduction to Robotics (Term 2)

* Taught conjointly with some BE undergraduates
Specialist Modules: Biomechanics and Mechanobiology

Compulsory:
• Biomechanics* (Term 1)

Optional (choose 4)
• Biomaterials* (Term 1)
• Advanced Physiological Monitoring and Data Analysis* (Term 1)
• Cellular Biomechanics* (Term 2)
• Human Neuromechanical Control and Learning (Term 2)
• Orthopaedic Biomechanics (Term 2)
• Physiological Fluid Mechanics (Term 2)
• Hearing and Speech Processing* (Term 1)
• Health Economics and Decision Making (Term 2)
• Biomimetics* (Term 2)
• Introduction to Robotics (Term 2)

* Taught conjointly with some BE undergraduates
Specialist Modules: Neurotechnology

Compulsory:
- Computational Neuroscience* (Term 2)
- Brain Machine Interfaces* (Term 2)

Optional (choose 3 - note error in Handbook)
- Introduction to Neuroscience (Term 1) – highly recommended
- Machine Learning and Neural Computation* (Term 1) -- highly recommended
- Human Neuromechanical Control and Learning (Term 2)
- Advanced Physiological Monitoring and Data Analysis* (Term 1)
- Advanced Medical Imaging* (Term 2)
- Hearing and Speech Processing* (Term 1)
- Image Processing* (Term 2)
- Biomimetics* (Term 2)
- Introduction to Robotics (Term 2)

* Taught conjointly with some BE undergraduates
Specialist Modules: Biomaterials and Tissue Engineering

Compulsory:
• Biomaterials* (Term 1)
• Advanced Biomaterials (Term 2)
• Advanced Tissue Engineering (Term 2)

Optional (choose 2)
• Biomechanics* (Term 1)
• Hearing and Speech Processing* (Term 1)
• Image Processing* (Term 2)
• Advanced Medical Imaging* (Term 2)
• Health Economics and Decision Making (Term 2)
• Orthopaedic Biomechanics (Term 2)
• Advanced Physiological Monitoring and Data Analysis* (Term 1)
• Biomimetics* (Term 2)
• Introduction to Robotics (Term 2)

* Taught conjointly with some BE undergraduates
MSc Human and Biological Robotics
Learning Objectives:

• To enable you to develop a deep understanding of the emerging field of human and biological robotics, including:
  • The use of tools and techniques from robotics to investigate the sensorimotor control in humans and animals;
  • The development of robotics tools to assist humans e.g. in hazardous environments or where there are physical impediments

• Remain relevant to needs of employment, and to assist your professional development.

• Enhance your critical and problem-solving ability, and transferable skills.
Human and Biological Robotics - Core Modules

- Systems Physiology (Term 1)
- Statistics and Data Analysis (Term 1)
- Medical Device Entrepreneurship* (Term 1)
- Human and Biological Robotics* (Term 2)

* Taught conjointly with some BE undergraduates
Students choose one of these practical-based modules:

- Embedded C for Microcontrollers (Dept. of Mechanical Engineering) (Term 1)
- Robotics (Dept. of Computing)(Term 1)
- Human Centred Design of Assistive and Rehabilitation Devices (Spring)

Students choose 4 of these modules:

- Machine Learning for Computer Vision (Department of Electrical and Electronic Engineering) (Term 2)
- Biomechanics* (Term 1)
- Computational Neuroscience* (Term 2)
- Machine Learning and Neural Computation* (Term 1)
- Hearing and Speech Processing* (Term 2)
- Human Neuromechanical Control and Learning* (Term 2)
- Biomimetics* (Term 2)

* May be taught conjointly with some BE undergraduates
Both programmes
• Lectures typically held Monday – Friday between 09:00 – 18:00
• Wednesday afternoon, no lectures/reserved for sport

Lectures start:
Monday Oct 12, 2015

Lectures:
Focus on core concepts.
Normally start at xx:00, end xx:50

Tutorials:
Focus on applications

Office Hours/Feedback Sessions:
scheduled individually by instructors
may want to email in advance
underutilised chance to get feedback!

Most Up-to-date Timetables available on Bioengineering website
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<tr>
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<tbody>
<tr>
<td>09:00-17:00</td>
<td>10:00-11:00 am</td>
<td>10:00-17:00 pm</td>
<td>Presentations of professional institutions in RSM 228</td>
<td>11:30-12:15 pm Graduate Advantage with IET* RSM 147</td>
<td></td>
</tr>
<tr>
<td>Student Hub is open for all student queries in Sherfield Building Level 3</td>
<td>Introduction to ICT and Blackboard RSM 228</td>
<td>Sports Trials (Ethos and campus)</td>
<td>-09.00-09.40 IMechE** in RSM 228</td>
<td>-09.45-10.25 IPEM*** in RSM 228</td>
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<tr>
<td>10:11</td>
<td>11:00 am-13:30 pm</td>
<td>11:00-12:00 noon</td>
<td>11:30-13:15 pm Q&amp;A session with MSc Director RSM 147</td>
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<tr>
<td>Provost’s Welcome event for international postgraduate students, mini fair, and afternoon tea</td>
<td>Freshers’ Fair (CAMPUS-wide) (Developing/arranging extracurricular interests)</td>
<td>Intellectual Property in RSM 228</td>
<td>- RSM 147</td>
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<tr>
<td>12:13</td>
<td>12:00-13:30 pm</td>
<td>12:00-13:00 pm</td>
<td>12:30-13:15 pm Q&amp;A session with MSc Director RSM 147</td>
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<tr>
<td>@Great Hall, Sherfield Building, Level 1</td>
<td>Welcome Talk by Department RSM 228</td>
<td>Matlab B: Files and Graphics (optional lecture) RSM 228</td>
<td>Matlab C: Programming (Optional lecture) RSM 228</td>
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<tr>
<td>13:14</td>
<td>13:00-13:30 pm</td>
<td>13:00-14:00 pm</td>
<td>13:15-15:00 pm Cybathlon Info Event RSM 147</td>
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<tr>
<td>Departmental Class Photo session (whole group will be taken to the location where photo is taken)</td>
<td>Matlab A: Basic Interface and commands (optional lecture) RSM 301c</td>
<td>Matlab B: Files and Graphics (optional lab) RSM G08</td>
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<tr>
<td>14:15</td>
<td>14.00-14:45 pm</td>
<td>14.00-15.00 pm</td>
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<tr>
<td>Provost’s Welcome Address Great Hall and overflow to Pippard/Read Lecture Theatres, Sherfield Building</td>
<td>Matlab A: Basic Interface and commands (optional lab) RSM G08</td>
<td>Matlab B: Files and Graphics (optional lab) RSM G08</td>
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<tr>
<td>15:16</td>
<td>15.00-16.00 pm</td>
<td>15.00-16.00 pm</td>
<td>15.00-15.30 pm Graduate School Talk RSM 602</td>
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<tr>
<td>Departmental Registration &amp; Handbooks RSM 301c</td>
<td>Matlab A: Basic Interface and commands (optional lecture) RSM 228</td>
<td>Matlab A: Basic Interface and commands (optional lab) RSM G08</td>
<td></td>
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<tr>
<td>16:17</td>
<td>16.00-17:00 pm</td>
<td>16.00-17:00 pm</td>
<td><strong>Sat, 10 October 2015</strong> Postgrad Mingle at the Union-Belt Quad from 7pm-1am (Entrance from Prince Consort Road)</td>
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</tr>
<tr>
<td>Library &amp; Plagiarism Induction RSM 228</td>
<td>Matlab A: Basic Interface and commands (optional lab) RSM G08</td>
<td>Matlab A: Basic Interface and commands (optional lab) RSM G08</td>
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<tr>
<td>17:18</td>
<td>17:00-20:00 pm</td>
<td>17:00-20:00 pm</td>
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</tr>
<tr>
<td>Welcome Drinks Reception RSM 301d-e</td>
<td><strong>RSM=Royal School of Mines (Building No 12 on campus)</strong></td>
<td><strong>IET = Institution of Engineering and Technology</strong></td>
<td><strong>IMechE = Institution of Mechanical Engineers</strong></td>
<td><strong>IPEM=Institute of Physics and Engineering in Medicine</strong></td>
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</tbody>
</table>
All course materials are posted on Blackboard.
• Lecture slides
• Handouts
• Tutorials
• Past exam papers
• …

Blackboard also does:
• Courseworks/Reports submission via TurnItIn (automatic plagiarism detection)
• Mark record/grade book
• Module correspondence
• …
## Autumn Term (1 Oct – 16 Dec, 2016)

<table>
<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3-Oct to 7-Oct</td>
<td>No teaching</td>
</tr>
<tr>
<td>2-6</td>
<td>10-Oct to 11-Nov</td>
<td>Teaching</td>
</tr>
<tr>
<td>7</td>
<td>14-Nov to 18-Nov</td>
<td>Reading Week</td>
</tr>
<tr>
<td>8-11</td>
<td>21-Nov to 16-Dec</td>
<td>Teaching</td>
</tr>
</tbody>
</table>

### Expectations for Reading Week:
- Tutorials/Journal clubs are compulsory, but no Bioengineering* lectures.
- Students must be available.
- Opportunity to revise and catch-up.

*Courses in other Departments may still occur!
1. You are expected to remain present and assessable during Reading Week. Reminder: UK Border Agency and College Regulation require enrolled students to be present during term time! Absences are not allowed unless they are necessary and authorised beforehand! Requests can be made with an absence form (supervisor and MSc Director need to approve!).

2. There will be no lectures in a reading week so you can catch up with learning and also work on coursework/projects.

3. GTA led laboratories and Journal Clubs will run through this reading week so you can continue to get GTA support. Attendance of these labs and Journal Clubs is still mandatory!

4. The Reading Weeks apply to Bioengineering courses ONLY. If you take courses at other departments you will very likely have lectures during our Reading Week. Although some departments also have a reading week, it might not be the same week as ours. Courses at other departments are for example: Biomaterials
**Time Line**

**Spring Term (07 Jan – 24 Mar, 2017)**

- **week 1** 09-Jan to 13-Jan  Exams Part 1
- **week 2-6** 16-Jan to 17-Feb  Teaching
- **week 7** 20-Feb to 24-Feb  Reading Week
- **week 8-11** 27-Feb to 24-Mar  Teaching

**Summer Term (01 May– 30 Jun, 2017)**

- Revision Classes (to be scheduled, but not all lecturers offer revision before exam!)
- Exams part 2 (to be scheduled)

Research Time: From end of exams to mid-September

Course ends in mid-September when you submit the MSc Thesis.

You MUST be present over the summer!
Assessment and Results

Coursework/Reports
Marked within 2 weeks, posted on Blackboard.
Feedback will be provided.

Exams
Marks will NOT be released until after Exam Board Meeting (mid-October).
Feedback will NOT be provided.

Preliminary exam grades (but not numerical marks) may be released in March (for January exams) and August (for Summer exams), but these grades are subject to change by the Exam Board.

When do I hear my Results?
- Pass list will be released in late October.
- Detailed marks available from Registry in November.
- Re-sits are taken at the next available opportunity (Jan/May)

What if I need my results for a job/PhD application?
- It is impossible to release the marks prior to the Exam Board.
- Typically, a letter from the Director will suffice.
UK Marks

> 90%  Almost unheard of
> 70%   A – Excellent
  60-70% B – Very good
  50-60% C - Good/pass
  40-50% D – Acceptable
< 40%  Fail

You must obtain > 40% in each module and the aggregate in each element must be > 50%.

If you obtain < 40% you may have to resit the module.
Plagiarism Awareness

- Plagiarism is an academic offense, and penalties are **severe**.
- Assignments submitted electronically are automatically scanned for plagiarism.

From the College Policy on Plagiarism:

*Plagiarism, which is the presentation of another person's thoughts, words or images and diagrams as though they were your own ... You are encouraged to read and criticise the work of others as much as possible, and you are expected to incorporate this into your thinking and in your coursework and assessments. But you must be sure to **acknowledge and identify your sources**.*

All MSc students must complete a compulsory plagiarism awareness course by the end of Autumn term:

[http://www3.imperial.ac.uk/graduateschool/plagiarismawarenesscourse](http://www3.imperial.ac.uk/graduateschool/plagiarismawarenesscourse)
Research Project

Timeline
- Project interviews will begin in November.
- Project allocation occurs in December.
- Project work starts in Term 2.
  Term 2: part-time
  Term 3: full-time after exams

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Selection</td>
<td>End of November</td>
</tr>
<tr>
<td>Interim/Planning Report</td>
<td>End of Spring Term</td>
</tr>
<tr>
<td>Oral Presentation</td>
<td>Summer</td>
</tr>
<tr>
<td>Final Report/Thesis</td>
<td>Mid-September</td>
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</tbody>
</table>

There will be a lecture by the Projects Coordinator in November to kick-start the process.
Embedded Throughout Course:
- Clear and effective communication, written and oral
- Problem solving/analytical skills
- Project planning
- Innovation and creativity
- Research skills
- Independent learning
- Career planning
- …
Student advice and support services

http://www.imperial.ac.uk/helpme or click on ‘Students’ on Homepage

Academic appeals and regulations
Careers Advisory Service
Chaplaincy
College Hardship/Access to Learning Funds
College Tutors
Director of Student Affairs
Disability Advisory Service
English language support
Equality
Health Centre
ICU Advice Centre
ICU student representation
International student support
Maths support (METRIC)
NHS Dentist
Student Counselling Service
Wardens

Student Hub
Level 3, Sherfield Building
provides wide range of information and advice:
Monday to Friday
Your chance to see presentations by world leaders in Bioengineering from across the globe.

Typically Thursdays at 1pm, but other times as well.

Keep an eye on the Department’s News/Events page:
http://www3.imperial.ac.uk/bioengineering/events/newsfeed
Feedback comes in many forms:

- **Oral** (questions during lecture, discussion with instructor after lecture, …)
- **Personal** (discussion with instructor during office hours)
- **Interactive** (problem solving tutorials with GTAs, study groups, …)

- **Written** (solutions/model answers to courseworks)
Student Surveys

PG SOLE (Postgraduate Student Online Evaluation)
- Internal to College
- Completed for each course once per term
- Directly impacts the content and delivery of our MSc

PTES (Postgraduate Taught Experience Survey)
- External to College
- National Survey to rank postgraduate taught degree programmes
- Spring 2016 is next PTES
If things go wrong...

- First point of contact is always your personal tutor (whom you will meet on Wed)

Work-Related Problems

- Your personal tutor
- MSc Biomedical Engineering Programme Director: Dr. Darryl Overby
- MSc Human and Biological Robotics Programme Director: Prof. Etienne Burdet
- Post-graduate tutor: Prof. Rob Krams
- Stream leaders
  - Biomech & Mecgbio: Prof. Rob Krams
  - Neurotechnology: Dr. Paul Chadderton
  - Biomat & TE: Dr. Theoni Georgiou
  - Med Phys & Imag: Dr. Rob Dickinson

Personal-Related Problems

- Your personal tutor: Students will know on Wed of Welcome Week
- Post-graduate tutor: Prof. Rob Krams
- MSc Directors: Dr. Darryl Overby and Prof. Etienne Burdet
- Student Administrator: Ms. Britta Ross

Mitigating circumstances must be submitted in writing prior to the submission deadline.
(see Student Handbook for further details)
**Student Representation**

**Formal Route**
- Staff-Student Committee Meeting
  - Stream Representative
  - Student with a comment

- Comments can be anonymous.
- Comments are recorded in SSCM minutes.
- Raised actions will be addressed.
- Tends to be slow (1 meeting per term)

**Informal Route**
- Talk to your Personal Tutor.
- Talk to the MSc Director.
- Talk to Academic or Postgrad Tutor
- Talk to Britta
- 
  Prof. Rob Krams
  Postgraduate Tutor

- Discussion can be confidential (just ask).
- No formal record of discussion.
- Someone will help you!
- Tends to be fast.

**Prof. Rob Krams**
Postgraduate Tutor

**Mr. Martin Holloway**
Academic Tutor
Sickness and absence

- If you fall ill, or need to be absent, you must tell Britta, Sam, Tracey or Leigh (RSM 3.21c) as soon as possible.

Tel. 0207 59 -45122 or -42259

- The phone number is also in your MSc handbook.

The Student Health Centre is in Princes Gardens (see campus map)
- College provides extensive counselling services and help, in case you need them
What to do now!

Elect your Student Representative!
One student for each stream in the MSc Biomedical Engineering programme
One student for the MSc Human and Biological Robotics programme
Serves as a point of contact between students and staff.
Representative will sit on the Staff/Student Committee Meeting each term.
Selection occurs during first meeting of Journal Club.

Let us know who you are!
https://imperial.eu.qualtrics.com/jfe/form/SV_eJKsBi1UQ9px4cl

Come see Etienne or I if you have questions or comments!
Set up appointments via email: d.overby@imperial.ac.uk and e.burdet@imperial.ac.uk
What’s On … Week 1

Monday, 3 October

13:00  Class Photo (collected from RSM 228)
14:00  President’s Address, Great Hall, Sherfield Building
15:00  Handbook and Departmental Signing-In, RSM 301c

Tuesday, 4 October

10:00  Intro to ICT/Blackboard, RSM 228
11:00 – 16:00  Freshers’ Fair (optional)
15:00 – 17:00  MatLAB optional lecture+lab, RSM 228

Wednesday, 5 October

10.00-16.00  Sport Trials / College and Ethos
13.00-15.00  Matlab optional lecture (RSM 228)
16.30  Meet your personal tutor (meet at RSM 228)
17:00  MSc Welcome Reception in (RSM 301d+e)
What’s On ... Week 1

Thursday, 6 October

11:00 – 12:00  Intellectual Property Lecture, RSM 228
12:00 – 15:00  MatLAB optional lecture, RSM 228
15:00 – 15:30  Graduate School Talk, RSM G01

Friday, 7 October

09:00 – 12:15  Accrediting institution talks, RSM 228

Monday, 10 October

09:00  Formal teaching begins! Check your stream-specific timetable.

http://www.imperial.ac.uk/bioengineering/admin/msc/timetables/