Exemplar 1

Masters in Biochemistry (4 years)

Part: FPE

Course structure: 6 compulsory courses

Provides optional information about the likely format of tutorial teaching.

Paper	Term	Faculty		College		Comments
		Lectures (hr)	Classes (hr)	Tutorials (hr)	Classes (hr)	
Molecular cell biology	MT	22	-	1 per week	-	
	HT	18	-			
	TT	8	-			
Biological chemistry	MT	14	2			Some departmental classes involve a worksheet done in advance followed by a one hour class, others involve a longer workshop with no prior work.
	HT	19	4			
	TT	8	2			
Biophysical chemistry	MT	16	4			
	HT	19	4			
	TT	5	2			
Organic chemistry	MT	15	1	7	-	Standard tutorial sheets are provided by the Department.
	HT	12	-			
	TT	2	-			
Mathematics and statistics	MT	18	8	-	-	
	HT	6	6			
	TT	-	-			
Practicals	MT	2	40	-	-	Departmental classes include practicals and computer simulations. Each class takes on average 5 hours, 8 classes in MT and HT, 4 in TT. Lectures are on an introduction to the practical course and essay writing skills.
	HT	-	40			
	TT	-	20			

Notes:

Excludes revision classes in Trinity term and classes on collections, both organised by Colleges.

Gives advance notice of teaching sessions for which the exact details cannot be specified.

Practicals are included here as they are a prominent part of the course; in subjects where they constitute a sub-part of another paper they may be noted in the 'Comments' column instead.

Masters in Biochemistry (4 years)

Part: FHS Part I (yr 2)

Course structure: 5 compulsory courses

Paper	Term	Faculty		College		Comments
		Lectures (hr)	Classes (hr)	Tutorials (hr)	Classes (hr)	
Structure and function of macromolecules	MT	30	-	1-2 per week	-	
	HT	14	-			
	TT	12	-			
Energetics and metabolic processes	MT	16	-			
	HT	16	-			
	TT	34	-			
Genetics and molecular biology	MT	16	-			
	HT	12	-			
	TT	15	-			
Cell biology and integration of function	MT	-	-			
	HT	20	-			
	TT	4	-			
Data handling and interpretation	MT	-	30	-	-	Departmental classes include practicals, computer simulations and data handling exercises.
	HT	-	25			
	TT	-	48			

Using a range allows for flexibility while still giving students an approximate guide to what they can expect.

Notes:

Excludes classes on collections organised by Colleges.

Masters in Biochemistry (4 years)

Part: FHS Part I (yr 3)

Course structure: 5 compulsory courses

Paper	Term	Faculty		College		Comments
		Lectures (hr)	Classes (hr)	Tutorials (hr)	Classes (hr)	
Structure and function of macromolecules	MT	12	-	1-2 per week	-	
	HT	11	-			
	TT	-	-			
Energetics and metabolic processes	MT	10	-			
	HT	3	-			
	TT	-	-			
Genetics and molecular biology	MT	23	-			
	HT	10	-			
	TT	-	-			
Cell biology and integration of function	MT	15	-			
	HT	32	-			
	TT	-	-			
Data handling and interpretation	MT	-	20	-	8	Departmental classes include practicals, computer simulations and data handling exercises. College classes are on data handling skills.
	HT	-	18			
	TT	-	-			

Cells are merged to indicate that tutorials for these papers are structured on a weekly, combined basis rather than a per-paper basis.

Notes:

Excludes revision classes in Trinity term and classes on collections, both organised by Colleges. The Department puts on about 20 revision lectures across all papers in Trinity term.

Makes students aware of additional teaching to be offered without specifying a precise number of classes.

Masters in Biochemistry (4 years)
Part: FHS Part II (yr 4)
Course structure: 2 options papers; 1 lab-based research project

Labelling rows added to enhance clarity.

Paper	Term	Faculty		College		Comments
		Lectures (hr)	Classes (hr)	Tutorials (hr)	Classes (hr)	
Two of six optional theory papers, one from List A and one from List B.*						
List A:						
Metabolic engineering of biofuels and biopharmaceuticals	MT	-	-	-		
	HT	6	-			
	TT	3	3.5			
Clinical and Applied Immunology	MT	-	-			Composed of lectures and seminars
	HT	8	-			
	TT	4	-			
Advanced Structural Biology	MT	-	-			Composed of lectures and seminars
	HT	8	-			
	TT	6	-			
List B:						
Virology	MT	-	-	-		Adds optional details on the mode of teaching to be expected.
	HT	8	-			
	TT	0	3			
From DNA to Chromosomes	MT	-	-			Composed of 1 lecture 2 seminars and student presentations
	HT	1	-			
	TT		9			
Membrane Transport	MT	-	-			Composed of lectures and seminars
	HT	4	2			
	TT	2	2			
PLUS:						
Research project	MT	-	-	-		12 weeks of full-time work in the lab (480 hours)
	HT	-	-			6 weeks of full time work in the lab (240 hours)
	TT	-	-			Dissertation submission + oral presentation

Notes:
*** Options papers listed here are those for 2016-2017: available options courses may change on a yearly basis.**

• Research project: Although the lab work is part of each student's personal research project, in practice you will be working in a research team, which involves continuous discussion of your research problems/their problems/new ideas/etc. with everyone else in the team. You are not working as an isolated individual for the majority of your time and you could be receiving direct supervision for several hours a day for the first month or so, in that you will be working alongside a post-doc learning techniques and continually having what you are doing checked.

The research project constitutes a major component of the FHS Part II course, yet no teaching pattern is specified in the 'Research project' row of the table as teaching falls outside the 'lecture/class/tutorial' classification. Further details of how teaching support will be given are specified here to provide reassurance for students.