

## Health Data Science

Teaching Dates 2019/20

*Induction for New Students:*

**F2F days: Sep: 24 and 25 2019**

*Term 1*

**Compulsory modules:**

PHDS - Principles of Health Data Science

BSMS – Basic Statistics for Medical Sciences

PEAEHRR - Principles of Epidemiology Applied to Electronic Health Records Research

SSDPHR – Scientific Software Development with Python in Health Research

**Optional modules:**

EIHS - Essentials of Informatics for Healthcare Systems (blended learning)

*Term 2*

**Compulsory module for MSc:**

RM - Regression Modelling – **NOTE: RM module must be completed before or at the same time as ASRR**

DMHR - Data Methods for Health Research – **NOTE: PHDS must be completed prior to DMHR**

**Optional modules:**

MLHB - Machine Learning in Healthcare and Biomedicine – **NOTE: Must have completed PHDS and SSDPHR**

Information Retrieval and Data Mining

ACB – Advanced Computational Biology

ASRR - Advanced Statistics for Records Research

PubHDS – Public Health Data Science (blended learning)

*Term 3*

**Compulsory module for MSc:**

Dissertation in Health Data Science

**Retake Period:**

- 1) Retake for Taught modules administered and examined in the Institute of Health Informatics:
  - **Examination: Principles of Health Data Science (PHDS)** : 20 August 2020 in 222 Euston Road
  - **All Other Modules: Assignment Submission:** 24 August 2020 via Moodle
  
- 2) Retake for shared modules from other UCL programmes will be communicated by the teaching departments.

# Timetable

## Term 1

Day	Module	Dates	Lectures	Practicals	Optional	Assessment
Wednesday	<b>PHDS</b>	Oct: 02, 09, 16, 23, 30 Nov: 13, 20, 27 Dec: 04, 11 <b>Jan: 06</b>	09:30-10:30  <b>10:30-12:30</b>	11:00-12:30  -		<b>EXAM</b>
	<b>BSMS</b>	Oct: 02 Oct: 09, 16, 23, 30 Nov: 13, 20, 27 Dec: 04	14:00-17:00 14:00-15:00 14:00-15:00 14:00-17:00	- 15:30-17:00 15:30-17:00 -	17:00-18:00 (16 <sup>th</sup> )	Assignment – TBC
Thursday	<b>PEAEHRR</b>	Oct: 03, 10, 17, 24, 31 Nov: 14, 21, 28 Dec: 05, 12 <b>Jan: 13</b>	09:30-10:30  -	11:00-12:30  -		<b>ASSIGNMENT</b>
	<b>SSDPHR</b>	Oct: 03, 10, 17, 24, 31 Nov: 14, 21, 28 Dec: 05, 12 <b>Jan: 20</b>  <b>Jan: 28</b>	14:00-15:00	15:30-17:00		<b>ASSIGNMENT (50%) EXAM (50%)</b>
Friday	<b>BSMS</b>	Oct: 04 Oct: 11, 18, 25 Nov: 01, 15, 22, 29	- 10:00-11:00 10:00-11:00	11:00-14:00 11:30-13:00 11:30-13:00		
Wed - Friday	<b>EIHS</b> Runs 30 Sep-21 Nov 2019	Oct: 30, 31 Nov: 01 <b>Nov: 21</b>	09:30-17:00  <b>10:30-12:30</b>			<b>EXAM</b>

## Term 2

Day	Module	Dates	Lectures	Practicals	Optional	Assessment
Tuesday	<b>ASRR</b>	Jan: 07, 14, 21, 28 Feb: 04, 11, 25 Mar: 03, 10, 17, 24, 31 Apr: 07, 21 <b>May: 05</b>	09:30-10:30  -	11:00-12:30  -		<b>ASSIGNMENT</b>
	<b>MLHB</b>	Jan: 07, 14, 21, 28 Feb: 04, 11, 25 Mar: 03, 10, 17 <b>May: 11</b>	14:00-15:00  -	15:30-17:00  -		<b>ASSIGNMENT</b>
Wednesday	<b>RM</b>	Jan: 08, 15, 22, 29 Feb: 05, 12, 26 Mar: 04 <b>Mar: 18</b>	09:30-11:00  <b>09:00-13:00 or 10:00-14:00</b>	11:30-13:00	15:30-17:00 (5 <sup>th</sup> )	<b>EXAM</b>
	<b>DMHR</b>	Jan: 08, 15, 22, 29 Feb: 05, 12, 26 Mar: 04, 11, 25 <b>May: 18</b>	14:00-15:00  -	15:30-17:00  -		<b>ASSIGNMENT</b>
	<b>Info Ret</b>	Jan: 15, 22, 29 Feb: 05, 12, 26 Mar: 04, 11, 25	14:00-17:00			
Thursday	<b>ACB</b>	Jan: 09, 16, 23, 30 Feb: 06, 13, 27 Mar: 05, 12	14:00-17:00			

## Term 3

Day	Module	Dates	Lectures	Practicals	Optional	Assessment
Wed- Friday	<b>PubHDS</b> Runs 20 Apr – 19 Jun 2020	May: 27, 28, 29 <b>Jun: 22</b>	09:30-17:30  -			<b>ASSIGNMENT</b>

Dissertation	Runs	F2F DATES	TIME	Assessment
	11 November 2019 – 10 August 2020  Dissertation supervisor/student meetings - onus is on supervisor and student to arrange meetings. Meeting schedule: weekly for full-time students and fortnightly for part-time/modular flexible students	Nov: 11 Dec: 09 Jan: 27 Feb: 24 Mar: 23 <b>Apr: 27</b> May: 18 Jun: 22 <b>Aug: 10</b>	14:00-16:00  -  -	<b>PROPOSAL</b>   <b>JOURNAL PAPER</b>

# Health Data Science Timetable 2019-20 - term 1


Induction  
Sep: 24 and 25

		TIME																			
		09:00	09:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	
WEEK DAY	Monday	Study day																			
						Principles of Health Data Exam Jan:06				Epidemiology Assignment Jan: 13				Dissertation F2F Nov: 11, Dec: 09							
						Scientific Software Development Exam Jan:27				Scientific Software Development Assignment Jan: 20											
	Tuesday	Study day																			
	Wednesday	Principles of Health Data Science Oct: 02, 09, 16, 23, 30 Nov: 13, 20, 27 Dec: 04, 11		Principles of Health Data Practicals Oct: 02, 09, 16, 23, 30				Basic Statistics for Medical Sciences Oct:02 Dec: 04													
								Basic Statistics Oct: 09, 16, 23, 30 Nov: 13, 20, 27				Basic Statistics - Practicals Oct: 09, 16, 23, 30				Basic Statistics - Optional Oct: 16					
		Essentials of Informatics for Healthcare Systems Oct: 30																			
	Thursday	Epidemiology Oct: 03, 10, 17, 24, 31 Nov: 14, 21, 28 Dec: 05, 12		Epidemiology Practicals Oct: 03, 10, 17, 24, 31 Nov: 14, 21, 28 Dec: 05, 12				Scientific Software Development Oct: 03, 10, 17, 24, 31 Nov: 14, 21, 28 Dec: 05, 12				Scientific Software Development Practicals Oct: 03, 10, 17, 24, 31 Nov: 14, 21, 28 Dec: 05, 12									
						Essentials of Informatics Exam Nov: 28															
		Essentials of Informatics For Healthcare Systems Oct: 31																			
	Friday	Basic Statistics Oct: 11, 18, 25 Nov: 01, 15, 22, 29		Basic Statistics - Practicals Oct: 04																	
						Basic Statistics Practicals Oct: 11, 18, 25 Nov: 01, 15, 22, 29															
		Essentials of Informatics For Healthcare Systems Nov: 1																			

## Health Data Science Timetable 2019-20 - term 2

		TIME																		
		09:00	09:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00		
WEEK DAY	Monday	Study day																		
										<b>Machine Learning Assignment</b> May: 11	<b>Dissertation F2F</b> Jan: 27, Feb: 24, Mar: 23									
									<b>Data Methods Assignment</b> May: 18											
	Tuesday	<b>Advanced Statistics</b> Jan: 07, 14, 21, 28 Feb: 04, 11, 25 Mar: 03, 10, 17, 24, 31 Apr: 07, 21				<b>Advanced Statistics - Practicals</b> Jan: 07, 14, 21, 28 Feb: 04, 11, 25 Mar: 03, 10, 17, 24, 31 Apr: 07, 21				<b>Advanced Statistics Assignment</b> May: 05				<b>Machine Learning</b> Jan: 07, 14, 21, 28 Feb: 04, 11, 25 Mar: 03, 10, 17				<b>Machine Learning - Practicals</b> Jan: 07, 14, 21, 28 Feb: 04, 11, 25 Mar: 03, 10, 17		
	Wednesday	<b>Regression Modelling</b> Jan: 08, 15, 22, 29 Feb: 05, 12, 26 Mar: 04					<b>Regression Modelling Practicals</b> Jan: 08, 15, 22, 29 Feb: 05, 12, 26 Mar: 04						<b>Data Methods</b> Jan: 08, 15, 22, 29 Feb: 05, 12, 26 Mar: 04, 11, 25			<b>Regression Modelling - optional</b> Feb: 05				
		<b>Regression Modelling - Exam</b> Mar: 18																<b>Data Methods - Practicals</b> Jan: 08, 15, 22, 29 Feb: 05, 12, 26 Mar: 04, 11, 25		
										<b>Information Retrieval and Data Mining</b> Jan: 15, 22, 29 Feb: 05, 12, 26 Mar: 04, 11, 25										
Thursday											<b>Advanced Computational Biology</b> Oct: 03, 10, 17, 24, 31 Nov: 14, 21, 28 Dec: 05, 12									
Friday	Study day																			

## Health Data Science Timetable 2019-20 - term 3

		TIME																				
		09:00	09:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00		
Monday		<b>Public Health - Assignment</b> June: 22																				
		Study day																				
																					<b>Dissertation F2F</b> May: 18, Jun: 22	
Tuesday		Study day																				
Wednesday		<b>Public Health</b> May: 27																				
Thursday		<b>Public Health</b> May: 28																				
																						<b>Dissertation F2F</b> Apr: 27 (proposal) Aug: 10 (Journal paper)
Friday		<b>Public Health</b> May: 29																				