

SPRING 2020 Syllabus Addendum 3/15/2020

Course: PHPM 672 Data Science for Health Services Research

Course Website: <https://pinformatics.org/phpm672/> (This is where you will find most up to date information given the dynamic nature of the situation. Please check here and email me if plans don't work out.)

Instructor: Hye-Chung Kum

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Scheduled Online Office Hours: 3-5pm on Weds (check course website for details on how to join)

Course format: This course will convert to a **synchronously online course** held on Tuesdays & Thursdays, 11.10 am to 12.25 pm. Check the course website for how to join online.

Remaining Course Sessions:

Note: Course website will always have the most updated schedule as well as lectures combined with assignment due dates.

Green: where major changes occurred

	Date	Lecture	Notes
9	3/16 & 18	Class cancelled	<i>Everything shifted down by one week</i>
10.1	3/24	Schedule and format review Midterm review	Midterm Part 2 take home
10.2	3/26	Midterm Part 1 In class	
11	3/31 & 4/2	Macros	CH 7
12	4/7 & 9	Macros II	CH 7
13	4/14 & 16	Population Informatics	Kum, H.C., et al. Social Genome: Putting Big Data to Work for Population Informatics. IEEE Computer Special Outlook Issue. Jan 2014 McGrail K, et al. A Position Statement on Population Data Science. International Journal for Population Data Science. 2018 Feb 22;3(1).
13	4/14 & 16	Data Science II	This lecture has been taken out as a non-essential part of the course that does not impact any assignments or exams. All else stays the same
14	4/21 & 23	Understanding Data in Papers	
15	4/30	Group Presentations	

Final Exam

Final project will stay the same EXCEPT, presentations will be made on teleconference rather than in person.

Grading Policies

No changes to the grading policy as all assignments and exams will stay the same with the exception of the in-class activities converting to be delivered online, and assignment 6 being pushed back one week. See below for more details.

Converting to online class and adjustments to the schedule

Please read the FAQ at

<https://docs.google.com/document/d/18jggFRXqr9S3WNB7m2xYXAe5U5-8nG-HrmCiwAM5Ock/>

Original schedule

	3/10	SPRING BREAK	
9.1	3/17	Midterm Part 2 take home	Assignment 5
9.2	3/19 (THUR)	Midterm Part 1 In class (THUR)	
10	3/24	Assignment 6	Midterm Part 2 take home
11	3/31		
12	4/7	Final Project (FP)	Assignment 6
13	4/14		FP MileStone 1
14	4/21		FP MileStone 2
15	4/30	Scheduled Final 3-5 pm	Final Project

* April 28 seems to be a redefined class to a Friday class.

New tentative schedule & plan:

	3/10	SPRING BREAK	
9	3/17 & 3/19	Class cancelled	
10.1	3/24 (TUES)	Midterm Part 2 take home	Assignment 5
10.2	3/26 (THUR)	Midterm Part 1 In class (THUR)	
11	3/31	Assignment 6	Midterm Part 2 take home
12	4/7	Final Project (FP)	
13	4/14		Assignment 6; FP MileStone 1
14	4/21		FP MileStone 2
15	4/30	Scheduled Final 3-5 pm	Final Project

One full week of classes has been cancelled after spring break (green). So, the new schedule compresses the rest of the semester by one week. I plan to

- Overlap assignment 6 (Macros) due date with first milestone in the final project. The nature of assignment 6 and starting the final project with the first milestone should not be difficult to do together. We will make up for this by, me and the TAs assisting to make sure you have the support needed to figure out your final project on time so that the first milestone is not a problem. In all previous semesters, it was pretty light.
- Lecture wise, we will take out the one guest lecture, and one lecture on advanced data science concepts which will cover most everything planned, and everything required for you to complete all assignments and exams.

This means for the midterm,

- We will do an online midterm review on Tues 3/24 (please post questions on the new online class system, see FAQ, ahead of time)
- After class, you will have the take home midterm given to you on Tues 3/24, due exactly one week later on 3/31
- On Thur same week 3/26 (11:10-12:25) you will have the in class timed exam (online proctoring). This means, you will come to the online class (like any other online class as detailed in the FAQ above), have your camera on, and take the exam on E-Campus as instructed. This is the current plan, but if I can find a better mechanism, I will let you know.