

PHD IN HEALTH DATA SCIENCE - FIRST SEMESTER

WEEK	09-Sep	16-Sep	23-Sep	30-Sep	07-Oct	14-Oct	21-Oct	28-Oct	04-Nov	11-Nov	18-Nov	25-Nov											
09:00																							
10:00												A.RESEARCH											
11:00												A.RESEARCH											
12:00																							
13:00																							
14:00																							
15:00	OPEN EVENT	HEADS	RESEARCH	HEADS	RESEARCH	HEADS	RESEARCH	HEADS	RESEARCH	HEADS	RESEARCH	ANALYZE	INFORM	ANALYZE	INFORM	ANALYZE	INFORM	ANALYZE	INFORM	ANALYZE	INFORM	ANALYZE	INFORM
16:00		HEADS	RESEARCH	HEADS	RESEARCH	HEADS	RESEARCH	HEADS	RESEARCH	HEADS	RESEARCH	ANALYZE	INFORM	ANALYZE	INFORM	ANALYZE	INFORM	ANALYZE	INFORM	ANALYZE	INFORM	ANALYZE	INFORM
17:00		HEADS	RESEARCH	HEADS	RESEARCH	HEADS	RESEARCH	HEADS	RESEARCH	HEADS	RESEARCH	ANALYZE	INFORM	ANALYZE	INFORM	ANALYZE	INFORM	ANALYZE	INFORM	ANALYZE	INFORM	ANALYZE	INFORM
18:00		DATA	BIOETHICS	DATA	BIOETHICS	DATA	BIOETHICS	DATA	BIOETHICS	DATA	BIOETHICS		DECIDE		DECIDE		DECIDE		DECIDE		DECIDE		DECIDE
19:00		DATA	BIOETHICS	DATA	BIOETHICS	DATA	BIOETHICS	DATA	BIOETHICS	DATA	BIOETHICS		DECIDE		DECIDE		DECIDE		DECIDE		DECIDE		DECIDE

WEEK	02-Dec	09-Dec	16-Dec	23-Dec	30-Dec	06-Jan	13-Jan	20-Jan	27-Jan
09:00				BREAK					
10:00	R.HEADS	R.BIOETHICS				A.ANALYZE	A.DECIDE	A.INFORM	
11:00	R.HEADS	R.BIOETHICS				A.ANALYZE	A.DECIDE	A.INFORM	
12:00									
13:00									
14:00	ANALYZE	INFORM	ANALYZE			INFORM	ANALYZE	INFORM	
15:00	ANALYZE	INFORM	ANALYZE			INFORM	ANALYZE	INFORM	
16:00	ANALYZE	INFORM	ANALYZE	INFORM	ANALYZE	INFORM			
17:00		DECIDE		DECIDE		DECIDE			
18:00		DECIDE		DECIDE		DECIDE			
19:00		DECIDE		DECIDE		DECIDE			

CORE FIRST SEMESTER	HEADS	Principles of Health Data Science
	RESEARCH	Principles of Health Research Methodology
	DATA	Principles of Health Data
	BIOETHICS	Bioethics & Legislation
	ANALYZE	Basics of Health Intelligent Data Analysis
	INFORM	Basics of Health Informatics
	DECIDE	Basics of Health Interventions, Policy and Services

A.(UC)	Assessment
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R.(UC)	Reassess
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# HEADS

PHD PROGRAMME IN HEALTH DATA SCIENCE

Calendar subject to changes published on the course website as needed.

Calendário sujeito a alterações que serão publicadas na página web do curso sempre que necessário.

PhD in HEALTH DATA SCIENCE - SECOND SEMESTER - HEALTH INTELLIGENT DATA ANALYSIS

WEEK	03-Feb		10-Feb		17-Feb		24-Feb		02-Mar		09-Mar		16-Mar		23-Mar		30-Mar		06-Apr		13-Apr		20-Apr		
09:00							BREAK																		
10:00	R.ANALYZE		R.DECIDE		R.INFORM																			A.COMPSTAT	
11:00	R.ANALYZE		R.DECIDE		R.INFORM																			A.COMPSTAT	
12:00																									
13:00																									
14:00	COMPSTAT	TOP.HIDA	COMPSTAT		COMPSTAT				COMPSTAT	TOP.HIDA	COMPSTAT		COMPSTAT		COMPSTAT	TOP.HIDA	PROJECT							PROJECT	TOP.HIDA
15:00	COMPSTAT	TOP.HIDA	COMPSTAT		COMPSTAT				COMPSTAT	TOP.HIDA	COMPSTAT		COMPSTAT		COMPSTAT	TOP.HIDA	PROJECT							PROJECT	TOP.HIDA
16:00	STATS	LEARN	STATS	LEARN	STATS	LEARN			STATS	LEARN	STATS	LEARN	STATS	LEARN	STATS	LEARN	STATS	LEARN					STATS	LEARN	
17:00	STATS	LEARN	STATS	LEARN	STATS	LEARN			STATS	LEARN	STATS	LEARN	STATS	LEARN	STATS	LEARN	STATS	LEARN					STATS	LEARN	
18:00		BAYES		BAYES		BAYES				BAYES		BAYES		BAYES		BAYES	LAB.HIDA	BAYES					LAB.HIDA	BAYES	
19:00		BAYES		BAYES		BAYES			BAYES		BAYES		BAYES		BAYES	LAB.HIDA	BAYES					LAB.HIDA	BAYES		

WEEK	27-Apr		04-May		11-May		18-May		25-May		01-Jun		08-Jun		15-Jun		22-Jun		29-Jun		06-Jul		13-Jul	
09:00																								
10:00							R.COMPSTAT				A.STATS		A.BAYES		A.LEARN				R.STATS		R.BAYES		R.LEARN	
11:00							R.COMPSTAT				A.STATS		A.BAYES		A.LEARN				R.STATS		R.BAYES		R.LEARN	
12:00																								
13:00																								
14:00	PROJECT		PROJECT		PROJECT	TOP.HIDA	PROJECT		PROJECT		TOP.HIDA		A:LAB.HIDA		A.PROJECT				R.TOP.HIDA		R:LAB.HIDA		R.PROJECT	
15:00	PROJECT		PROJECT		PROJECT	TOP.HIDA	PROJECT		PROJECT		TOP.HIDA		A:LAB.HIDA		A.PROJECT				R.TOP.HIDA		R:LAB.HIDA		R.PROJECT	
16:00	STATS	LEARN	STATS	LEARN	STATS	LEARN	STATS	LEARN	STATS	LEARN	STATS	LEARN	STATS	LEARN	STATS	LEARN							R.PROJECT	
17:00	STATS	LEARN	STATS	LEARN	STATS	LEARN	STATS	LEARN	STATS	LEARN	STATS	LEARN	STATS	LEARN	STATS	LEARN							R.PROJECT	
18:00	LAB.HIDA	BAYES	LAB.HIDA	BAYES	LAB.HIDA	BAYES	LAB.HIDA	BAYES	LAB.HIDA	BAYES	LAB.HIDA	BAYES	LAB.HIDA	BAYES	LAB.HIDA	BAYES							R.PROJECT	
19:00	LAB.HIDA	BAYES	LAB.HIDA	BAYES	LAB.HIDA	BAYES	LAB.HIDA	BAYES	LAB.HIDA	BAYES	LAB.HIDA	BAYES	LAB.HIDA	BAYES	LAB.HIDA	BAYES							R.PROJECT	

SECOND SEMESTER (HIDA)	COMPSTAT	Computational Statistics
	PROJECT	Thesis Project
	STATS	Statistical Modeling
	BAYES	Bayesian Statistical Modeling
	LEARN	Machine Learning and Data Mining
	TOP.HIDA	Seminars on Advanced Topics of HIDA
	LAB.HIDA	Laboratory Project on HIDA

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PHD in HEALTH DATA SCIENCE - SECOND SEMESTER - HEALTH INFORMATICS

WEEK	03-Feb		10-Feb		17-Feb		24-Feb		02-Mar		09-Mar		16-Mar		23-Mar		30-Mar		06-Apr		13-Apr		20-Apr		
09:00							BREAK																		
10:00	R.ANALYZE		R.DECIDE		R.INFORM																			A.COMPSTAT	
11:00	R.ANALYZE		R.DECIDE		R.INFORM																			A.COMPSTAT	
12:00																									
13:00																									
14:00	COMPSTAT		COMPSTAT	TOP.HI	COMPSTAT				COMPSTAT		COMPSTAT	TOP.HI	COMPSTAT		COMPSTAT		COMPSTAT		PROJECT	TOP.HI	BREAK			PROJECT	
15:00	COMPSTAT		COMPSTAT	TOP.HI	COMPSTAT				COMPSTAT		COMPSTAT	TOP.HI	COMPSTAT		COMPSTAT		COMPSTAT		PROJECT	TOP.HI				PROJECT	
16:00	GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE			GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE				GATHER	MANAGE
17:00	GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE			GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE				GATHER	MANAGE
18:00		PRESENT		PRESENT		PRESENT				PRESENT		PRESENT		PRESENT		PRESENT	LAB.HI	PRESENT						LAB.HI	PRESENT
19:00		PRESENT		PRESENT		PRESENT			PRESENT		PRESENT		PRESENT		PRESENT	LAB.HI	PRESENT						LAB.HI	PRESENT	

WEEK	27-Apr		04-May		11-May		18-May		25-May		01-Jun		08-Jun		15-Jun		22-Jun		29-Jun		06-Jul		13-Jul	
09:00																								
10:00							R.COMPSTAT				A.GATHER		A.MANAGE		A.PRESENT				R.GATHER		A.MANAGE		R.PRESENT	
11:00							R.COMPSTAT				A.GATHER		A.MANAGE		A.PRESENT				R.GATHER		A.MANAGE		R.PRESENT	
12:00																								
13:00																								
14:00	PROJECT	TOP.HI	PROJECT		PROJECT		PROJECT	TOP.HI	PROJECT		TOP.HI		A.LAB.HI		A.PROJECT				R.TOP.HI		R.LAB.HI		R.PROJECT	
15:00	PROJECT	TOP.HI	PROJECT		PROJECT		PROJECT	TOP.HI	PROJECT		TOP.HI		A.LAB.HI		A.PROJECT				R.TOP.HI		R.LAB.HI		R.PROJECT	
16:00	GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE											R.PROJECT	
17:00	GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE	GATHER	MANAGE											R.PROJECT	
18:00	LAB.HI	PRESENT	LAB.HI	PRESENT	LAB.HI	PRESENT	LAB.HI	PRESENT	LAB.HI	PRESENT													R.PROJECT	
19:00	LAB.HI	PRESENT	LAB.HI	PRESENT	LAB.HI	PRESENT	LAB.HI	PRESENT	LAB.HI	PRESENT													R.PROJECT	

SECOND SEMESTER (HI)	COMPSTAT	Computational Statistics
	PROJECT	Thesis Project
	GATHER	Health Data Collection
	MANAGE	Health Data Management
	PRESENT	Health Data Visualization & Communication
	TOP.HI	Seminars on Advanced Topics of HI
	LAB.HI	Laboratory Project on HI

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PhD in HEALTH DATA SCIENCE - SECOND SEMESTER - HEALTH INTERVENTIONS, POLICY AND SERVICES

WEEK	03-Feb	10-Feb	17-Feb	24-Feb	02-Mar	09-Mar	16-Mar	23-Mar	30-Mar	06-Apr	13-Apr	20-Apr		
09:00				BREAK						BREAK				
10:00	R.ANALYZE	R.DECIDE	R.INFORM										A.COMPSTAT	
11:00	R.ANALYZE	R.DECIDE	R.INFORM										A.COMPSTAT	
12:00														
13:00														
14:00	COMPSTAT	COMPSTAT	COMPSTAT		TOP.HIPS	COMPSTAT	COMPSTAT	COMPSTAT	TOP.HIPS		COMPSTAT	PROJECT	PROJECT	TOP.HIPS
15:00	COMPSTAT	COMPSTAT	COMPSTAT		TOP.HIPS	COMPSTAT	COMPSTAT	COMPSTAT	TOP.HIPS		COMPSTAT	PROJECT	PROJECT	TOP.HIPS
16:00	GENERATE	SYNTHETIZE	GENERATE		SYNTHETIZE	GENERATE	SYNTHETIZE	GENERATE	SYNTHETIZE		GENERATE	SYNTHETIZE	GENERATE	SYNTHETIZE
17:00	GENERATE	SYNTHETIZE	GENERATE		SYNTHETIZE	GENERATE	SYNTHETIZE	GENERATE	SYNTHETIZE		GENERATE	SYNTHETIZE	GENERATE	SYNTHETIZE
18:00		APPLY			APPLY		APPLY		APPLY			APPLY	LAB.HIPS	APPLY
19:00		APPLY		APPLY		APPLY		APPLY		APPLY	LAB.HIPS	APPLY		

WEEK	27-Apr	04-May	11-May	18-May	25-May	01-Jun	08-Jun	15-Jun	22-Jun	29-Jun	06-Jul	13-Jul
09:00												
10:00				R.COMPSTAT		A.GENERATE	A.SYNTHETIZE	A.APPLY		R.GENERATE	R.SYNTHETIZE	R.APPLY
11:00				R.COMPSTAT		A.GENERATE	A.SYNTHETIZE	A.APPLY		R.GENERATE	R.SYNTHETIZE	R.APPLY
12:00												
13:00												
14:00	PROJECT	PROJECT	PROJECT	PROJECT	PROJECT	PROJECT	PROJECT	PROJECT	PROJECT	PROJECT	PROJECT	PROJECT
15:00	PROJECT	PROJECT	PROJECT	PROJECT	PROJECT	PROJECT	PROJECT	PROJECT	PROJECT	PROJECT	PROJECT	PROJECT
16:00	GENERATE	SYNTHETIZE	GENERATE	SYNTHETIZE	GENERATE	SYNTHETIZE	GENERATE	SYNTHETIZE	GENERATE	SYNTHETIZE	GENERATE	SYNTHETIZE
17:00	GENERATE	SYNTHETIZE	GENERATE	SYNTHETIZE	GENERATE	SYNTHETIZE	GENERATE	SYNTHETIZE	GENERATE	SYNTHETIZE	GENERATE	SYNTHETIZE
18:00	LAB.HIPS	APPLY	LAB.HIPS	APPLY	LAB.HIPS	APPLY	LAB.HIPS	APPLY	LAB.HIPS	APPLY	LAB.HIPS	APPLY
19:00	LAB.HIPS	APPLY	LAB.HIPS	APPLY	LAB.HIPS	APPLY	LAB.HIPS	APPLY	LAB.HIPS	APPLY	LAB.HIPS	APPLY

SECOND SEMESTER (HIPS)	COMPSTAT	Computational Statistics
	PROJECT	Thesis Project
	GENERATE	Evidence Based Practice and HTA
	SYNTHETIZE	Evidence Synthesis and Decision Analysis
	APPLY	Health Economics and Decision Analysis
	TOP.HIPS	Seminars on Advanced Topics of HIPS
	LAB.HIPS	Laboratory Project on HIPS

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