

Schedule for Course 304 (14332-1433)

Theme/ week	Week	Date and Time			Topic	Lecturer			
		Male A	Male B	Female		Male A	Male B	Female	
Introductory week	1	9/13/2011 9-10 am	12-Sep-11 8-9 am	9/14/2011 8-9 am	An introduction to research methodology and why do we need research?	Dr.Bin Saeed	Dr.Bin Saeed	Dr.Amna	
		9/13/2011 1-2 pm	12-Sep-11 1-2 pm	9/14/2011 11-12 pm	Ethics in health research	Prof.Ashry	Prof. Ashry	Dr.Amna	
	2	9/17/2011 11 am-12	17-Sep-11 9-10 am	9/21/2011 8-9 am	Research questions, objectives and hypotheses	Prof.Mostafa	Prof.Mostafa	Dr.Amna	
		9/20/2011 1-2 pm	19-Sep-11 1-2 pm	9/21/2011 9-10 am	Introduction to the literature (use of keywords, introducing search engines)	Dr.Barrak	Dr.Barrak	Dr.Barrak	
		9/20/2011 10 am-12	17-Sep-11 2-4 pm	9/21/2011 10 am-12	Group work: Research Topic, Questions, Hypotheses, and Objectives	Res Supervisor*	Res Supervisor*	Res Supervisor*	
Cardio-respiratory	3	9/27/2011 9-10 am	26-Sep-11 8-9 am	9/28/2011 8-9 am	Measures of Disease Frequency: Incidence & Prevalence	Prof.Mostafa	Prof.Mostafa	Dr.Amna	
		9/27/2011 1-2 pm	26-Sep-11 1-2 pm	9/28/2011 11 am-12	Overview of Descriptive and Analytical Study designs.	Prof.Mandil	Prof.Mandil	Dr.Hafsa	
	4	10/1/2011 11 am-12	1-Oct-11 9-10 am	10/5/2011 8-9 am	Introduction to Biostatistics	Dr.Shaffi	Dr.Shaffi	Dr.Shaffi	
		10/4/2011 1-2 pm	3-Oct-11 1-2 pm	10/5/2011 11 am-12	Study Designs: Cross sectional and Case Control including Odds Ratio	Prof.Ashry	Prof.Ashry	Dr.Salwa	
		10/4/2011 10-11 am	1-Oct-11 2-3 pm	10/5/2011 9-10 am	Tut1: Searching literature using Pubmed	Dr.Armen	Dr.Armen	Dr.Rufaidah	
		10/4/2011 11 am-12	1-Oct-11 3-4 pm	10/5/2011 10-11 am	Group Work :Literature search for the identified topic	Res Supervisor*	Res Supervisor*	Res Supervisor*	
	5	10/8/2011 11 am-12	8-Oct-11 1-2 pm	10/12/2011 8-9 am	Cohort studies including Risk and Relative Risk	Prof.Mostafa	Prof.Mostafa	Dr.Amna	
		10/11/2011 9-10 am	10-Oct-11 1-2 pm	10/12/2011 9-10 am	Experimental Studies	Dr.Bin Saeed	Dr.Bin Saeed	Dr.Amna	
		10/11/2011 10-11 am	8-Oct-11 2-3 pm	10/12/2011 10-11 am	Tut2: Measures of Association OR & RR	Dr.Armen	Dr.Armen	Dr. Noorah	
		10/11/2011 11 am-12	8-Oct-11 3-4 pm	10/12/2011 11 am-12	Group Work: Study Design / Time Planning	Res Supervisor*	Res Supervisor*	Res Supervisor*	
	6	10/15/2011 11 am-12	15-Oct-11 9-10 am	10/19/2011 8-9 am	Tools for data collection: Using Questionnaire & other tools	Prof.Ashry	Prof.Ashry	Dr.Hafsa	
		10/18/2011 9-10 am	15-Oct-11 1-2 pm	10/19/2011 9-10 am	Variables in health research: Concepts and Applications	Dr.Shaffi	Dr.Shaffi	Dr.Shaffi	
		10/18/2011 10-11 am	15-Oct-11 2-3 pm	10/19/2011 10-11 am	Tut3: Questionnaire design & Variables	Dr.Armen	Dr.Armen	Dr. Noorah	
		10/18/2011 11 am-12	15-Oct-11 3-4 pm	10/19/2011 11 am-12	Group Work: Designing Research tools	Res Supervisor*	Res Supervisor*	Res Supervisor*	
	7	10/22/2011 11 am-12	22-Oct-11 9-10 am	10/26/2011 8-9 am	Planning a research proposal: Minimizing Bias	Prof.Mostafa	Prof.Mostafa	Dr.Amna	
		10/25/2011 9-10 am	22-Oct-11 1-2 pm	10/26/2011 9-10 am	Planning a research proposal: Control of Confounding factors	Prof.Ashry	Prof.Ashry	Dr.Amna	
		10/25/2011 10 am-12	22-Oct-11 2-4 pm	10/26/2011 10 am-12	Tut4: Bias & Confounding	Dr.Armen	Dr.Armen	Dr.Rufaidah	
	Nephrology	8	10/29/2011 11 am-12	29-Oct-11 9-10 am	10/30/2011 9-10 am	Qualitative Research Design	Prof.Mandil	Prof.Mandil	Prof.Mandil
9		HOLIDAY							
10		11/12/2011 11 am-12	12-Nov-11 9-10 am	11/16/2011 8-9 am	Descriptive Statistics; Summary & Variability measures	Dr.Shaffi	Dr.Shaffi	Dr.Shaffi	
		11/15/2011 9-10 am	12-Nov-11 1-2 pm	11/16/2011 9-10 am	Sampling Techniques	Dr.Shaffi	Dr.Shaffi	Dr.Shaffi	
		11/15/2011 10-11 am	12-Nov-11 2-3 pm	11/16/2011 10-11 am	Tut5: Summary statistics & Sampling Techniques	Dr.Armen	Dr.Armen	Dr.Rufaidah	
		11/15/2011 11 am-12	12-Nov-11 3-4 pm	11/16/2011 11 am-12	Group work: Study Design & Sampling Method	Res Supervisor*	Res Supervisor*	Res Supervisor*	

	11	11/19/2011	19-Nov-11	11/23/2011	Normal Distribution	Dr.Shaffi	Dr.Shaffi	Dr.Shaffi	
		11 am-12	9-10 am	8-9 am					
		11/22/2011	21-Nov-11	11/23/2011	Hypothesis testing and p value	Dr.Shaffi	Dr.Shaffi	Dr.Shaffi	
		9-10 am	1-2 pm	9-10 am					
11/22/2011	19-Nov-11	11/23/2011	Tut6: Normal Dist- Hypothesis testing & p value	Dr.Armen	Dr.Armen	Dr. Noorah			
10-12 am	2-4 am	10-12 am							
Gastrointestinal & Hepatobiliary	12	11/26/2011	26-Nov-11	11/30/2011	Sample Size	Dr.Shaffi	Dr.Shaffi	Dr.Shaffi	
		11 am-12	9-10 am	8-9 am					
		11/29/2011	28-Nov-11	11/30/2011	Confidence Intervals	Dr.Shaffi	Dr.Shaffi	Dr.Shaffi	
		9-10 am	1-2 pm	9-10 am					
	11/29/2011	26-Nov-11	11/30/2011	Tut7: Sample Size & Confidence Interval	Dr.Armen	Dr.Armen	Dr.Rufaidah		
	10 am-12	2-4 pm	10 am-12						
	13	12/3/2011	3-Dec-11	12/7/2011	Statistical tests for quantitative variables	Dr.Shaffi	Dr.Shaffi	Dr.Shaffi	
		11 am-12	9-10 am	8-9 am					
		12/6/2011	5-Dec-11	12/7/2011	Statistical tests for qualitative variables	Dr.Shaffi	Dr.Shaffi	Dr.Shaffi	
		9-10 am	1-2 pm	9-10 am					
	12/6/2011	3-Dec-11	12/7/2011	Tut8: Statistical Tests	Dr.Armen	Dr.Armen	Dr. Noorah		
	10 am-12	2-4 pm	10 am-12						
	14	12/10/2011	10-Dec-11	12/14/2011	Correlation and Regression	Dr.Shaffi	Dr.Shaffi	Dr.Shaffi	
		11 am-12	9-10 am	8-9 am					
		12/13/2011	10-Dec-11	12/14/2011	Group work: Research Designing /protocol finalization	Res Supervisor*	Res Supervisor*	Res Supervisor*	
		9-10 am	2-4 pm	9-10 am					
	12/13/2011	12-Dec-11	12/14/2011	Group Work: Protocol Finalization / Submit Protocol to supervisor	Res Supervisor*	Res Supervisor*	Res Supervisor*		
	10 am-12	1-2 pm	10 am-12						
	15	12/17/2011	17-Dec-11	12/21/2011	Application to IRB Ethical approval	Prof.Mandil	Prof.Mandil	Prof.Mandil	
		11 am-12	9-10 am	8-9 am					
		17-Dec-11		Group Work: Data Collection procedures	Res Supervisor*	Res Supervisor*	Res Supervisor*		
		2-4 pm							
12/20/2011	19-Dec-11	12/21/2011	Group Work: Data Collection procedures	Res Supervisor*	Res Supervisor*	Res Supervisor*			
9 am-12	1-2 pm	9 am-12							
16	12/24/2011	24-Dec-11	12/28/2011	Group Work: Data Collection procedures	Res Supervisor*	Res Supervisor*	Res Supervisor*		
	11 am-12	9-10 am	8 am-12						
	12/27/2011	24-Dec-11		Group Work: Data Collection procedures	Res Supervisor*	Res Supervisor*	Res Supervisor*		
		9 am-12	1-4 pm						
17	CONSOLIDATION WEEK								
18	WRITTEN EXAM								
19	PRACTICAL EXAM								
20	MID-YEAR HOLIDAY								
Haematology and Oncology	21	1/28/2012	28-Jan-12	2/1/2012	Group Work: Data Collection procedures	Res Supervisor*	Res Supervisor*	Res Supervisor*	
		11 am-12	9-10am 2-4 pm	8 am-12					
		1/31/2012	30-Jan-12		Group Work: Data Collection procedures	Res Supervisor*	Res Supervisor*	Res Supervisor*	
		9 am-12	1-2 pm						
	Final date to submit protocol with supervisors feedback: 3-2-2012								
	22	2/4/2012	4-Feb-12	2/8/2012	Tut 9: Data entry and management	Dr Armen	Dr Armen	Dr Rufaidah	
		11 am-12	9-10 am	8-9 am					
		2/7/2012	6-Feb-12	2/8/2012	Lecture Statistical analysis (using software)	Dr Shaffi	Dr Shaffi	Dr Shaffi	
		9-10 am	1-2 pm	9-10 am					
	2/7/2012	4-Feb-12	2/8/2012	Group Work : Data Analyses	Res Supervisor*	Res Supervisor*	Res Supervisor*		
	10 am-12	2-4 pm	10 am-12						
	23	2/11/2012	11-Feb-12	2/15/2012	Interpretation of statistical findings and presenting them	Dr Shaffi	Dr Shaffi	Dr Shaffi	
11 am-12		9-10am	8-9 am						
2/14/2012		13-Feb-12	2/15/2012	Tut 10: statistical findings & linking the research design methodology	Dr Armen	Dr Armen	Dr. Noorah		
9-10 am		1-2 pm	9-10 am						
2/14/2012	11/2/12	15/2/12	Group Work :Data Analyses	Res Supervisor*	Res Supervisor*	Res Supervisor*			
10 am-12	2-4 pm	10 am-12							

Endocrinology	24	2/18/2012	18-Feb-12	2/22/2012	Scientific Writing and report writing	Dr Bin Saeed	Dr Bin Saeed	Dr Hafsa				
		11 am-12	9-10am	8-9 am								
		2/21/2012	20-Feb-12	2/22/2012					Presenting a Scientific paper	Prof Mandil	Prof Mandil	Dr Salwa
		9-10 am	1-2 pm	9-10 am								
	2/21/2012	18-Feb-12	2/22/2012	Group Work : Data Analyses / Discussion	Res Supervisor*	Res Supervisor*	Res Supervisor*					
	10 am-12	2-4pm	10 am-12									
	25	2/25/2012	25-Feb-12	2/29/2012	Group Work Report Writing	Res Supervisor*	Res Supervisor*	Res Supervisor*				
		11 am-12	9-10 am	8 am-12								
		2/28/2012	27-Feb-12						Group Work ,Report Writing	Res Supervisor*	Res Supervisor*	Res Supervisor*
	9 am-12	1-2 pm										
	26	3/3/2012	3-Mar-12	3/7/2012	Group Work :Report Writing	Res Supervisor*	Res Supervisor*	Res Supervisor*				
		11 am-12	9-10 am	8 am-12								
3/6/2012		5-Mar-12		Group Work :Report Writing					Res Supervisor*	Res Supervisor*	Res Supervisor*	
9 am-12	1-2 pm											
Nervous System	27	3/10/2012	10-Mar-12	3/14/2012	Group Work :Report Writing	Res Supervisor*	Res Supervisor*	Res Supervisor*				
		11 am-12	9-10 am	8 am-12								
		13/3/12	12/3/12						Group Work :Report Writing	Res Supervisor*	Res Supervisor*	Res Supervisor*
	9 am-12	1-2 pm										
	28	3/17/2012	17-Mar-12	3/17/2012	Group Work Finalizing Report Writing	Res Supervisor*	Res Supervisor*	Res Supervisor*				
		11 am-12	9-10 am	8-9 am								
			19-Mar-12	3/18/2012					Group Work Finalizing Report Writing	Res Supervisor*	Res Supervisor*	Res Supervisor*
			1-2 pm	9-10 am								
			3/19/2012	Group Work Finalizing Report Writing	Res Supervisor*	Res Supervisor*	Res Supervisor*					
			8-10 am									
	Submission of Final Research Report by 20/3/2012											
	29	MID-SEMESTER HOLIDAY										
	30	3/31/2012	31-Mar-12	4/4/2012	Group Work Finalizing Report Writing	Res Supervisor*	Res Supervisor*	Res Supervisor*				
		11 am-12	9-10 am	8 am-12								
		4/3/2012	2-Apr-12						Group Work: Formulate Presentation	Res Supervisor*	Res Supervisor*	Res Supervisor*
	9 am-12	1-2 pm										
	31	4/7/2012	7-Apr-12	4/11/2012	Group Work: Finalize presentation & submit to supervisor	Res Supervisor*	Res Supervisor*	Res Supervisor*				
		11 am-12	9-10 am	8 am-12								
4/10/2012		9-Apr-12		Group Work: Finalize presentation & submit to supervisor					Res Supervisor*	Res Supervisor*	Res Supervisor*	
9 am-12	1-2 pm											
32	4/14/2012	14-Apr-12	4/18/2012	Group Work: Revise presentation after feedback by supervisor	Res Supervisor*	Res Supervisor*	Res Supervisor*					
	11 am-12	9-10 am	8 am-12									
	4/17/2012	16-Apr-12						Group Work: Revise presentation after feedback by supervisor	Res Supervisor*	Res Supervisor*	Res Supervisor*	
9 am-12	1-2 pm											
33	RESEARCH WEEK (304)											
Rheumatology & Infectious diseases	34	4/28/2012	28-Apr-12	5/2/2012	Writing a manuscript and common mistakes	Prof Mandil	Prof Mandil	Dr Hafsa				
		11 am-12	9-10 am	8-9 am								
		5/1/2012	28-Apr-12	5/2/2012					Group Work :Research time (304) writing a manuscript	Res Supervisor*	Res Supervisor*	Res Supervisor*
		9 am-12	2-4 pm	9 am-12								
		30/4/12		Group Work :Research time (304) writing a manuscript	Res Supervisor*	Res Supervisor*	Res Supervisor*					
		1-2 pm										
	35	5/5/2012	5-May-12	5/9/2012	Group Work :Research time (304) writing a manuscript	Res Supervisor*	Res Supervisor*	Res Supervisor*				
		11 am-12	9-10 am	8-9 am								
		5/8/2012	7-May-12	5/9/2012					Group Work :Research time (304) submit manuscript to a Journal	Res Supervisor*	Res Supervisor*	Res Supervisor*
	11 am-12	1-2 pm	9 am-12									
	36	5/12/2012	12-May-12	5/16/2012	Group Work :Research time (304) submit manuscript to a Journal this week	Res Supervisor*	Res Supervisor*	Res Supervisor*				
		11 am-12	9-10 am	8 am-12								

		5/15/2012	14-May-12		Group Work :Research time (304) submit manuscript to a Journal this week	Res Supervisor*	Res Supervisor*	Res Supervisor*
		9 am-12	1-2 pm					
	37	CONSOLIDATION						
	38	WRITTEN EXAM						
	39	WRITTEN EXAM						
	40	VACATION						