Research Methodology MEDI4202 Spring 2023

Day	Date	Time	Title	Instructor
			WEEK (1)	
Tuesday	31/01/2022	**8:00**	**Lecture 1: Key aspects and values of research**	**Hamza Babiker**
Tuesday	31/01/2023	14:15	Tutorial 1: The structure of the module (section 11)	Hamza Babiker
Wed	01/02/2023	10:00	Tutorial 1: The structure of the module (section 12)	Hamza Babiker
Thursday	02/02/2023	8:00	Tutorial 1: The structure of the module (section 13)	Hamza Babiker
			WEEK (2)	
Tuesday	07/02/2023	**8:00**	**Lecture 2: Components of the research process**	Hamza Babiker
Tuesday	07/02/2023	14:15	Tutorial 2: How to select and search a research topic (section 11)	Hamza Babiker
Wed	08/02/2023	10:00	Tutorial 2: How to select and search a research topic (section 12)	Hamza Babiker
Thursday	09/02/2023	8:00	Tutorial 2: How to select and search a research topic (section 13)	Hamza Babiker
			WEEK (3)	
Tuesday	14/02/2023	**8:00**	**Lecture 3. Components of a research proposal**	Hamza Babiker
Tuesday	14/02/2023	14:15	Tutorial 3: Structure of a research proposal (section 11)	Hamza Babiker
Wed	15/02/2023	10:00	Tutorial 3: Structure of a research proposal (section 12)	Hamza Babiker
Thursday	16/02/2023	8:00	Tutorial 3: Structure of a research proposal (section 13)	Hamza Babiker
			WEEK (4)	
Tuesday	21/02/2023	**8:00**	**Lecture 4: Use of animal in biomedical research**	Hamza Babiker
Tuesday	21/02/2023	14:15	Tutorial 4: How to read a scientific paper (section 11)	Hamza Babiker
Wed	22/02/2023	10:00	Tutorial 4: How to read a scientific paper (section 12)	Hamza Babiker
Thursday	23/02/2023	8:00	Tutorial 4: How to read a scientific paper (section 13)	Hamza Babiker
			WEEK (5)	
Tuesday	28/02/2023	**8:00**	**Lecture 5: Different stages of drug development**	Hamza Babiker
Tuesday	28/03/2023	14:15	Tutorial 5: Literature search engines (section 11)	Ken Masters
Wed	1/03/2023	10:00	Tutorial 5: Literature search engines (section 12)	Ken Masters
Thursday	02/03/2023	8:00	Tutorial 5: Literature search engines (section 13)	Ken Masters
			WEEK (6)	
Tuesday	07/03/2023	**8:00**	**Lecture 6: Cross sectional Study**	Hana Sumri
Tuesday	07/03/2023	14:15	Tutorial 6: Tests of significance (Numerical data) (section 11)	Syed Rizvi
Wed	08/03/2023	10:00	Tutorial 6: Tests of significance (Numerical data) (section 12)	Syed Rizvi
Thursday	09/03/2023	8:00	Tutorial 6: Tests of significance (Numerical data) (section 13)	Syed Rizvi
			WEEK(7)	
Tuesday	14/03/2023	**8:00**	**Lecture 7: Case-control study**	Hana Sumri

Tuesday	14/03/2023	14:15	Tutorial 7: Tests of significance (Non-parametric test) (section 11)	Syed Rizvi
Wed	15/03/2023	10:00	Tutorial 7: Tests of significance (Non-parametric test) (section 12)	Syed Rizvi
Thursday	16/03/2023	8:00	Tutorial 7: Tests of significance (Non-parametric test) (section 13)	Syed Rizvi
			WEEK (8)	
Tuesday	21/03/2023	**8:00**	**Lecture 8: Cohort Study**	Hana Sumri
Tuesday	21/02/2023	14:15	Tutorial 8: An introduction to different types of study design (section 11)	Hana Sumri
Wed	22/03/2023	10:00	Tutorial 8: An introduction to different types of study design (section 12)	Hana Sumri
Thursday	23/03/2023	8:00	Tutorial 8: An introduction to different types of study design (section 13)	Hana Sumri
			WEEK (9)	
Tuesday	28/03/2023	**8:00**	**Experimental study**	**Hana Sumri**
Tuesday	28/03/2023	14:15	Tutorial 13: Tests of significance (Categorical data) (section 11)	Syed Rizvi
Wed	29/03/2023	10:00	Tutorial 13: Tests of significance (Categorical data) (section 12)	Syed Rizvi
Thursday	30/03/2023	8:00	Tutorial 13: Tests of significance (Categorical data) (section 13)	Syed Rizvi
			WEEK (10)	
Tuesday	04/04/2023	**8:00**	**Lecture 10: Correlation and Regression**	Syed Rizvi
Tuesday	04/04/2023	14:15	Tutorial 10: Correlation and regression-1 (section 11)	Syed Rizvi
Wed	05/04/2023	10:00	Tutorial 10: Correlation and regression-1 (section 12)	Syed Rizvi
Thursday	06/04/2023	8:00	Tutorial 10: Correlation and regression-1 (section 13)	Syed Rizvi
			WEEK (11)	
Tuesday	11/04/2023	**8:00**	**Lecture 11: Questionnaire based research: quality & approach**	Hana Sumri
Tuesday	11/04/2023	14:15	Tutorial 11: Correlation and regression-2 (section 11)	Syed Rizvi
Wed	12/04/2023	10:00	Tutorial 11: Correlation and regression-2 (section 12)	Syed Rizvi
Thursday	13/04/2023	8:00	Tutorial 11: Correlation and regression-2 (section 13)	Syed Rizvi
			WEEK (12)	
Sunday	**16/04/2023**	**10:00 AM**	**SPSS in-course assessment**	
Tuesday	18/04/2023	**8:00**	**Lecture 12: Evaluation of screening/ diagnostic tests**	Hana Sumri
Tuesday	18/04/2023	14:15	Tutorial 12: Designing questionnaire interview (section 11)	Hana Sumri
Wed	19/04/2023	10:00	Tutorial 12: Designing questionnaire interview (section 12)	Hana Sumri
Thursday	20/04/2023	8:00	Tutorial 12: Designing questionnaire interview (section 13)	Hana Sumri
			WEEK (13)	
Tuesday	25/04/2023	**8:00**	**Lecture 13: Ethics of medical research**	Hamza Babiker
Tuesday	25/04/2023	14:15	Tutorial 9: Preventing & detecting plagiarism (section 11)	Ken Masters
Wed	26/04/2023	10:00	Tutorial 9: Preventing & detecting plagiarism (section 12)	Ken Masters

Thursday	27/04/2023	8:00	Tutorial 9: Preventing & detecting plagiarism (section 13)	Ken Masters
			WEEK (14)	
Tuesday	02/05/23	**8:00**	**Lecture 14: Evidence based Medicine**	Hana Sumri
Tuesday	02/05/23	14:15	Tutorial 14: Evidence based Medicine (section 11)	Hana Sumri
Wed	03/05/23	10:00	Tutorial 14: Evidence based Medicine (section 12)	Hana Sumri
Thursday	04/05/23	8:00	Tutorial 14: Evidence based Medicine (section 13)	Hana Sumri
Thursday	04/05/23		**Submit a research proposal**	