

# Research, EBM, Biostatistics module (REB-205)

**From (3/12/2025) to (24/12/2025)**

Week No	Date	Lecture 9-11	Lecture 11-12	Lecture 12:30-1:30	Lecture 1:30-3:30
<b>Week (1)</b>	<b>WED 3/12/2025</b>	<b>Topic:</b> Introduction to Research & Study design Introduction Goals and Objective <b>Lecturer:</b> Prof. Wafaa Yousif	<b>Topic:</b> Types of studies- Observational studies (Case control, cohort, cross sectional and case series)  <b>Lecturer:</b> Prof. Mohamad Masoud	Practical : designing goal & objectives Gehan Khaled	
<b>Week (2)</b>	<b>MON 8/12/2025</b>	<b>Topic:</b> Intervention & Randomization controlled studies <b>Lecturer:</b> Prof. Mohamad Masoud	<b>Topic:</b> Data collection methods and tools <b>Lecturer:</b> Prof. Safaa Khamis	Sampling  <b>Lecturer:</b> Dr. Shaimaa Mabrouk	<b>Topic:</b> Protocol writing <b>Lecturer:</b> Dr. Gehan Khaled <b>Lecturer:</b> Dr. Shaimaa Sayed
	<b>WED 10/12/2025</b>	<b>Topic:</b> Types of variables Quantitative variable (Descriptive statistics -Graph presentation) <b>Lecturer:</b> Prof. Asmaa Younis	<b>Topic:</b> Qualitative variables (Descriptive statistics -Graph presentation) <b>Lecturer:</b> Prof. Prof. Asmaa Younis	<b>Topic:</b> Identify type of variables & Assignment explain <b>Lecturer:</b> Nada Ramadan <b>Lecturer:</b> Dr. Aliaa Hamdy	<b>Topic:</b> Practical follow up <b>Lecturer:</b> Junior staff
<b>Week (3)</b>	<b>MON 15-12-2025</b>		<b>Topic:</b> Inferential statistics Normal distribution curve Confidence Interval – P value <b>Lecturer:</b> Prof. Wafaa Yousif	<b>Topic:</b> (Quantitative variable) Calculation of descriptive statistics types of charts <b>Lecturer:</b> Dr. Mohamed Zedan <b>Lecturer:</b> Dr. Omar Abdelrahman	<b>Topic:</b> Practical follow up <b>Lecturer:</b> Junior staff
	<b>WED 17/12/2025</b>	<b>Topic:</b> & Screening test <b>Lecturer:</b> Dr. Shaimaa Sayed	<b>Topic:</b> EBM: introduction, definition, usage, Quality of evidence <b>Lecturer:</b> Prof. Randa El- dosuki	<b>Topic:</b> EBM: introduction, definition, usage, Quality of evidence <b>Lecturer:</b> Prof. Randa El-dosuk	
<b>Week (4)</b>	<b>MON 22-12-2025</b>		<b>Topic:</b> Test of significance & Correlation <b>Lecturer:</b> Dr. Shaimaa Mabrouk	<b>Topic:</b> Qualitative variable) Calculation of descriptive statistics types of charts (OR-AR-RR) risk calculation <b>Lecturer:</b> Dr. Omar Abdelrahman <b>Lecturer:</b> Dr. Mohamed Zedan	
	<b>WED 24-12</b>	<b>Topic:</b> Screening tests (sensitivity – specificity calculation) <b>Lecturer:</b> Dr. Aliaa Hamdy <b>Lecturer:</b> Dr. Nada Ramadan	<b>Topic:</b> Practical submission <b>Lecturer:</b> Junior staff		

**End Module Exam: 21\1\2026**

**End semester Exam: 1\1\2026**

**Course coordinator:**

**Vice Dean of education & students**

**Prof. Mohamed Salah**