

# Nutrition and metabolism module (NUM 203)

(1/12/2025 -3/1/2026)

	Date	Practical 9-11	Lecture 11-12	Lecture 12:30-1:30	Lecture 1:30-3:30
Week (1)	<b>MON</b> 1/12/2025	<b>Department:</b> biochemistry <b>Lecture:</b> bioenergetics <b>Lecturer:</b> Dr. Rehab Mustafa	<b>Department:</b> biochemistry <b>Lecture:</b> nutrition <b>Lecturer:</b> Dr. Shereen Rashad	<b>Department:</b> biochemistry <b>Lecture:</b> nutrition <b>Lecturer:</b> Dr. Shereen Rashad	
	<b>TUES</b> 2/12/2025	<b>Department:</b> biochemistry <b>Lecture:</b> bioenergetics <b>Lecturer:</b> Dr. Rehab Mustafa	<b>Department:</b> biochemistry <b>Lecture:</b> bioenergetics <b>Lecturer:</b> Dr. Rehab Mustafa	<b>Department:</b> biochemistry <b>Lecture:</b> nutrition <b>Lecturer:</b> Dr. Rania Hosney	
	<b>WED</b> 3/12/2025	<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 & conjectives Gehan Khaled	
	<b>THURS</b> 4/12/2025	<b>Department:</b> biochemistry <b>Lecture:</b> bioenergetics <b>Lecturer:</b> Dr. Rehab Mustafa	<b>Department:</b> physiology <b>Lecture:</b> nutrition <b>Lecturer:</b> Dr. Ahmed Magdi	<b>Department:</b> physiology <b>Lecture:</b> nutrition <b>Lecturer:</b> Dr. Ahmed Magdi	
	<b>FRI</b> 5/12/2025				
	<b>SATUR</b> 6/12/2025	<b>Department:</b> biochemistry <b>Lecture:</b> carbohydrate metabolism <b>Lecturer:</b> Dr. Shymaa Elsayd	<b>Department:</b> biochemistry <b>Lecture:</b> carbohydrate metabolism <b>Lecturer:</b> Dr. Shymaa Elsayd	<b>Department:</b> biochemistry <b>Lecture:</b> nutrition cases <b>Lecturer:</b>	

	Date	Practical 9-11	Lecture 11-12	Lecture 12:30-1:30	Lecture 1:30-3:30
Week (2)	SUN 7/12/2025	<b>Department:</b> biochemistry <b>Lecture:</b> carbohydrate metabolism <b>Lecturer:</b> Dr. Shymaa Elsayd	<b>Department:</b> biochemistry <b>Lecture:</b> carbohydrate metabolism <b>Lecturer:</b> Dr. Shymaa Elsayd	<b>Department:</b> biochemistry <b>Lecture:</b> vitamins <b>Lecturer:</b> Dr. Asmaa Mohammed	<b>: Department:</b> biochemistry <b>Lecture:</b> vitamins <b>Lecturer:</b> Dr. Asmaa Mohammed
	MON 8/12/2025	<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
	TUES 9/12/2025	section biochemistry	<b>Department:</b> biochemistry <b>Lecture:</b> carbohydrate metabolism <b>Lecturer:</b> Dr. Shymaa Elsayed	<b>Department:</b> biochemistry <b>Lecture:</b> carbohydrate metabolism <b>Lecturer:</b> Dr. Shymaa Elsayed	<b>Department:</b> biochemistry <b>Lecture:</b> <b>BIOENERGITIC REVISION</b> <b>Lecturer:</b>
	WED 10/12/2025	<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
	THURS 11/12/2025	<b>Department:</b> biochemistry <b>Lecture:</b> Lipid metabolism <b>Lecturer:</b> Dr Reham Fares	<b>Department:</b> biochemistry <b>Lecture:</b> Lipid metabolism <b>Lecturer:</b> Dr Reham Fares	<b>Department:</b> biochemistry <b>Lecture:</b> nutrition cases <b>Lecturer:</b>	
	FRI 12-12-2025				
	SATUR 13/12/2025	<b>Department:</b> biochemistry <b>Lecture:</b> Lipid metabolism <b>Lecturer:</b> Dr Reham Fares	<b>Department:</b> biochemistry <b>Lecture:</b> Lipid metabolism <b>Lecturer:</b> Dr Reham Fares	<b>Department:</b> biochemistry <b>Lecture:</b> VIT <b>Lecturer:</b> Dr. ASMAA	<b>Department:</b> biochemistry <b>Lecture:</b> VIT <b>Lecturer:</b> Dr. ASMAA

	Date	Practical 9-11	Lecture 11-12	Lecture 12:30-1:30	Lecture 1:30-3:30
Week (3)	SUN 14/12/2025	Department: biochemistry Lecture: Lipid metabolism Lecturer: Dr Reham Fares	Department: biochemistry Lecture: Lipid metabolism Lecturer: Dr Reham Fares	Department: biochemistry Lecture: NUTRITION CASES Lecturer:	Department: biochemistry Lecture: revision on carbohydrates Lecturer:
	MON 15-12-2025	SECTION BIO	Topic: Inferential statistics Normal distribution curve Confidence Interval – P value Lecturer: Prof. Wafaa Yousif	Topic: (Quantitative variable) Calculation of descriptive statistics types of charts Lecturer: Dr. Mohamed Zedan Lecturer: Dr. Omar Abdelrahman	Topic: Practical follow up Lecturer: Junior staff
	TUES 16/12/2025	G (1-2): Physiology	Department: biochemistry Lecture: DM Lecturer: Dr Esam Al	Department: biochemistry Lecture: DM Lecturer: Dr Esam Al	Department: biochemistry Lecture: nutrition Lecturer: Dr Reham Fares
	WEDy 17/12/2025	Topic: &Screening test Lecturer:Dr. Shaimaa Sayed	Topic: EBM: introduction, definition, usage, Quality of evidence Lecturer: Prof. Randa El- dosuki	Topic: EBM: introduction, definition, usage, Quality of evidence Lecturer: Prof. Randa El- dosuk	
	THURS 18/12/2025	Department: biochemistry Lecture: DM Lecturer: Dr Esam Ali	Department: biochemistry Lecture: PTN Lecturer: Dr Esam Ali	Department: physiology Lecture: nutrition Lecturer Dr. Ahmed Magdi	Department: physiology Lecture: nutrition Lecturer: Dr. Ahmed Magdi
	FRI 19-12-2025				
	SAT 20/12/2025	G (3-4): Physiology	Department: biochemistry	Department: biochemistry	Department: biochemistry

			<b>Lecture:</b> <b>PTN</b> <b>Lecturer: Dr Esam Ali</b>	<b>Lecture:</b> <b>PTN</b> <b>Lecturer: Dr Esam Ali</b>	<b>Lecture:</b> revision on lipid metabolism <b>Lecturer:</b>
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	<b>Date</b>	<b>Practical 9-11</b>	<b>Lecture 11-12</b>	<b>Lecture 12:30-1:30</b>	<b>Lecture 1:30-3:30</b>
<b>Week (4)</b>	<b>SUN 21/12/2025</b>	G (5-6): Physiology	<b>Department:</b> <b>biochemistry</b> <b>Lecture:</b> <b>PTN</b> <b>Lecturer: Dr Esam Ali</b>	<b>Department:</b> <b>biochemistry</b> <b>Lecture:</b> <b>Amino acids</b> <b>Lecturer: Dr Asmaa Mohammed</b>	<b>Department:</b> <b>biochemistry</b> <b>Lecture:</b> <b>Amino acids</b> <b>Lecturer: Dr Asmaa Mohammed</b>
	<b>MON 22-12-2025</b>	<b>Topic:</b> Test of significance & Correlation <b>Lecturer:</b> Dr. Shaimaa Mabrook	<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>TUES 23/12/2025</b>	SECTION BIO	<b>Department:</b> physiology <b>Lecture:</b> nutrition <b>Lecturer:</b> Dr. Ahmed Magdi	<b>Department:</b> <b>biochemistry</b> <b>Lecture:</b> <b>Amino acids</b> <b>Lecturer: Dr Asmaa Mohammed</b>	<b>Department:</b> <b>biochemistry</b> <b>Lecture:</b> <b>Amino acids</b> <b>Lecturer: Dr Asmaa Mohammed</b>
	<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		
	<b>THURS 25/12/2025</b>	<b>Department:</b> <b>biochemistry</b> <b>Lecture:</b> <b>pyrimidine</b> <b>Lecturer: Dr Rania Hosney</b>	<b>Department:</b> <b>biochemistry</b> <b>Lecture:</b> <b>ROS</b> <b>Lecturer: Dr Mai Sharaby</b>	<b>Department:</b> <b>biochemistry</b> <b>Lecture:</b> metabolic integration <b>Lecturer: Dr Mai Sharaby</b>	<b>Department:</b> <b>biochemistry</b> <b>Lecture:</b> revision on PTN, AA <b>Lecturer</b>

	<b>FRI</b> <b>26-12-2025</b>				
	<b>SATUR</b> <b>27/12/2025</b>				
	<b>SUNDAY</b> <b>28-12-2025</b>		:		
	<b>MONDA</b> <b>29-12</b>				

**End Module Exam: 31/12/2025**

**Practical Exam: 3/1/2026**