



DEGREE AND STUDY PLAN

College : **Medicine and Health Sciences**
Department : Office of the Assistant Dean for Undergraduate Studies
Cohort : **2023**
Degree : Bachelor of Science Health Sciences – Research Track (Scheme 2)

SUMMARY OF CREDITS

University Requirements (UR)	6
University Electives (UE)	6
See List A	
College Requirements (CR)	31
See list B	
College Electives (CE)	0
See list C	
Departmental Requirements (DR)	0
See list D	
Departmental Electives (DE)	0
See list E	
Major Requirements (AR)	91
See list F	
Major Electives (AE)	0
See list G	
Specialization Requirements (SR)	0
See list H	
Specialization Electives (SE)	0
See list I	
Minor Requirements (IR)	0
See list J	
Minor Electives (IE)	0
See list K	
TOTAL	134

*** NOTE: plus 1 credit for Non-Arabic Speaker (ARAB1019 = 3 CR)

STUDY PLAN: FOR COHORT 2023

PHASE I

Semester 1 Fall	Course Code	Course Title	CR	Pre-Req./Co-Req.*	Cat.
	ARAB1060 ARAB1019	Arabic Arabic for Non-Omanis <i>(Non-Arabic Speaker) 3 CR</i>	2		UR
	SOCY1005 SOCY1007	Oman State & People Oman State & People for Non-Omanis <i>(Non-Arabic Speaker)</i>	2		UR
	UE1	University Elective	2		UE
	UE2	University Elective	2		UE
	LANC2033	Academic English for Medicine	3	FPELo600	CR
	CHEM2110	Chemistry for Medicine	4	FPMT0105	CR
	MEDI2100	Medical Informatics I	2	FPCS0101	CR
	TOTAL			17	

*** NOTE: plus 1 credit for Non-Arabic Speaker (ARAB1019 = 3 CR)

Semester 2 Spring	Course Code	Course Title	CR	Pre-Req./Co-Req.*	Cat.
	HIST1010 HIST1013	Oman and Islamic Civilization Oman and Islamic Civilization for Non-Omanis <i>(Non-Arabic Speaker)</i>	2		UR
	UE3	University Elective	2		UE
	MEDI2106	Introduction to Human Anatomy	4	LANC2033	AR
	MEDI2107	Introduction to Human Physiology	4	LANC2033	CR
	MEDI2108	Enzymology and Metabolism	3	LANC2033 + CHEM2110	CR
	MEDI2109	Cellular Communications	2	LANC2033	AR
	TOTAL			17	

PHASE II

Semester 1 Fall	Course Code	Course Title	CR	Pre-Req./Co-Req.*	Cat.
	MEDI3101	Molecular Biology and Principles of Genetics	3	Univ Requirement (UR) + Univ Elective + CHEM2110 + LANC2033 + MEDI2100 + MEDI2106 + MEDI2107 + MEDI2108 + MEDI2109 & MDLS2106 for BMS Major only	CR
	MEDI3102	Structure-Function Relationship	5	Univ Requirement (UR) + Univ Elective + CHEM2110 + LANC2033 + MEDI2100 + MEDI2106 + MEDI2107 + MEDI2108 + MEDI2109 & MDLS2106 for BMS Major only	AR
	MEDI3103	Growth and Development	1	Univ Requirement (UR) + Univ Elective + CHEM2110 + LANC2033 + MEDI2100 + MEDI2106 + MEDI2107 + MEDI2108 + MEDI2109	AR
	MEDI3104	Response to Infection and Pathobiology	5	Univ Requirement (UR) + Univ Elective + CHEM2110 + LANC2033 + MEDI2100 + MEDI2106 + MEDI2107 + MEDI2108 + MEDI2109 & MDLS2106 for BMS Major only	CR
	MEDI3105	Hospital and Community Attachment	4	Univ Requirement (UR) + Univ Elective + CHEM2110 + LANC2033 + MEDI2100 + MEDI2106 + MEDI2107 + MEDI2108 + MEDI2109	AR
	TOTAL			18	

Semester 2 Spring	Course Code	Course Title	CR	Pre-Req./Co-Req.*	Cat.
	MEDI4201	The Integrated Module I	3	MEDI3101 + MEDI3102 + MEDI3103 + MEDI3104 *MEDI4204 + *MEDI4205 + *MEDI4206	AR
	MEDI4202	Research Methodology	2	MEDI3105 MDLS4101 for BMS Major only	CR
	MEDI3100	Medical Informatics II	2	Univ Requirement (UR) + Univ Elective + CHEM2110 + LANC2033 + MEDI2100 + MEDI2106 + MEDI2107 + MEDI2108 + MEDI2109	AR
	MEDI4204	Cardiovascular System	4	MEDI3101 + MEDI3102 + MEDI3103 + MEDI3104	AR
	MEDI4205	Respiratory System	3	MEDI3101 + MEDI3102 + MEDI3103 + MEDI3104	AR
	MEDI4206	Hematopoietic and Immune Systems	3	MEDI3101 + MEDI3102 + MEDI3103 + MEDI3104	AR
TOTAL			17		

PHASE II

Semester 3 Fall	Course Code	Course Title	CR	Pre-Req./Co-Req.*	Cat.
	MEDI4301	The Integrated Module II	3	MEDI4201 *MEDI4303 + *MEDI4304 + *MEDI4305	AR
	MEDI4511	Student Project 1	2	MEDI4202	CR
	MEDI4303	Alimentary System	5	MEDI3101 + MEDI3102 + MEDI3103 + MEDI3104	AR
	MEDI4304	Uro-Reproductive System	4	MEDI3101 + MEDI3102 + MEDI3103 + MEDI3104	AR
	MEDI4305	Clinical Nutrition	2		AR
	TOTAL			16	

Semester 4 Spring	Course Code	Course Title	CR	Pre-Req./Co-Req.*	Cat.
	MEDI4502	The Integrated Module III	3	MEDI4301 *MEDI4403 + *MEDI4404 + *MEDI4405	AR
	MEDI4521	Student Project II	3	MEDI4511	CR
	MEDI4403	Locomotor System	3	MEDI3101 + MEDI3102 + MEDI3103 + MEDI3104	AR
	MEDI4404	Human Nervous System	6	MEDI3101 + MEDI3102 + MEDI3103 + MEDI3104	AR
	MEDI4405	Endocrine System	3	MEDI3101 + MEDI3102 + MEDI3103 + MEDI3104	AR
TOTAL			18		

INTERCALATED PHASE

Semester 1 Fall	Course Code	Course Title	CR	Pre-Req./Co-Req.*	Cat.
	NURS3165	Critical Thinking in Interprofessional Education	2		AR
	MEDI3203	Ethics and Professional Behavior	2	LANC2033	AR
	ICHS4100	Seminar in Research 1	3	MEDI4521	AR
	ICHS4400	Research Project 1	7	MEDI4521	AR
	TOTAL			14	

Semester 2 Fall	Course Code	Course Title	CR	Pre-Req./Co-Req.*	Cat.
	MDLS5303	Laboratory Management	2		AR
	ICHS4005	Demographic & Health Care Statistics	3		AR
	ICHS4200	Seminar in Research 2	4	ICHS4100	AR
	ICHS4500	Research Project 2	8	ICHS4400	AR
	TOTAL			17	

LIST A: COLLEGE REQUIREMENTS (CR)

Code	Title	CR	Pre-Req./Co-Req.*	Equivalent
LANC2033	Academic English for Medicine	3	FPELo600	
CHEM2110	Chemistry for Medicine	4	FPMT0105	
MEDI2100	Medical Informatics I	2	FPCS0101	
MEDI2107	Introduction to Human Physiology	4	LANC2033	
MEDI2108	Enzymology and Metabolism	3	LANC2033 + CHEM2110	
MEDI3101	Molecular Biology and Principles of Genetics	3	Univ Requirement (UR) + CHEM2110 + LANC2033 + MEDI2100 + MEDI2106 + MEDI2107 + MEDI2108 + MEDI2109 & MDLS2106 for BMS Major only	
MEDI3104	Response to Infection and Pathobiology	5	Univ Requirement (UR) + CHEM2110 + LANC2033 + MEDI2100 + MEDI2106 + MEDI2107 + MEDI2108 + MEDI2109 & MDLS2106 for BMS Major only	
MEDI4202	Research Methodology	2	MEDI3105 MDLS4101 for BMS Major only	
MEDI4511	Student Project I	2	MEDI4202	
MEDI4521	Student Project II	3	MEDI4511	
TOTAL College Requirements (CR)		31		

LIST E: MAJOR REQUIREMENTS (AR)

Code	Title	CR	Pre-Req./Co-Req.*	Equivalent
MEDI2106	Introduction to Human Anatomy	4	LANC2033	
MEDI2109	Cellular Communications	2	LANC2033	
MEDI3102	Structure-Function Relationship	5	Univ Requirement (UR) + Univ Elective CHEM2110 + LANC2033 + MEDI2100 + MEDI2106 + MEDI2107 + MEDI2108 + MEDI2109	
MEDI3103	Growth and Development	1	Univ Requirement (UR) + Univ Elective CHEM2110 + LANC2033 + MEDI2100 + MEDI2106 + MEDI2107 + MEDI2108 + MEDI2109	
MEDI3105	Hospital and Community Attachment	4	Univ Requirement (UR) + Univ Elective CHEM2110 + LANC2033 + MEDI2100 + MEDI2106 + MEDI2107 + MEDI2108 + MEDI2109	
MEDI4201	The Integrated Module I	3	Univ Requirement (UR) + Univ Elective CHEM2110 + LANC2033 + MEDI2100 + MEDI2106 + MEDI2107 + MEDI2108 + MEDI2109	
MEDI3100	Medical Informatics II	2	MEDI2100	
MEDI4204	Cardiovascular System	4	MEDI3101 + MEDI3102 + MEDI3103 + MEDI3104	
MEDI4205	Respiratory System	3	MEDI3101 + MEDI3102 + MEDI3103 + MEDI3104	
MEDI4206	Hematopoietic and Immune Systems	3	MEDI3101 + MEDI3102 + MEDI3103 + MEDI3104	
MEDI4301	The Integrated Module II	3	MEDI4201 *MEDI4303 + *MEDI4304 + *MEDI4305	
MEDI4303	Alimentary System	5	MEDI3101 + MEDI3102 + MEDI3103 + MEDI3104	
MEDI4304	Uro-Reproductive System	4	MEDI3101 + MEDI3102 + MEDI3103 + MEDI3104	
MEDI4305	Clinical Nutrition	2		

MEDI4502	The Integrated Module III	3	MEDI4301 *MEDI4403 + *MEDI4404 + *MEDI4405	
MEDI4403	Locomotor System	3	MEDI3101 + MEDI3102 + MEDI3103 + MEDI3104	
MEDI4404	Human Nervous System	6	MEDI3101 + MEDI3102 + MEDI3103 + MEDI3104	
MEDI4405	Endocrine System	3	MEDI3101 + MEDI3102 + MEDI3103 + MEDI3104	
TOTAL Major Requirements (AR) for Phase 1 & 2		60		
NURS3165	Critical Thinking in Interprofessional Education	2	LANC2033	NURS3023
MEDI3203	Ethics and Professional Behavior	2	CHEM2110 + LANC2033 + MDLS3105	MDLS3205
MDLS5303	Laboratory Management & Quality Assurance	2		ICHS4213
ICHS4005	Demographic & Health Care Statistics	3		
ICHS4100	Seminar in Research 1	3	MEDI4521	
ICHS4400	Research Project 1	7	MEDI4521	
ICHS4200	Seminar in Research 2	4	ICHS4100	
ICHS4500	Research Project 2	8	ICHS4400	
TOTAL Major Requirements (AR) for Intercalated Phase		31		
TOTAL Major Requirements (AR)		91		

DEGREE PLAN (COHORT 2023)

BSC HEALTH SCIENCES – RESEARCH TRACK (SCHEME 2)

SUMMARY		
1	University Requirements	6
2	University Electives	6
3	College Requirements - CR	31
4	Major Requirements - AR	91
Total No. of Credits		134

*** NOTE: plus 1 credit for Non-Arabic Speaker (ARAB1019 = 3 CR)

For reference contact:



Dr. Arwa Nasr Hamood Al Kindi

Assistant Dean for Undergraduate Studies

☎ 2414 1170 | ✉ arwank@squ.edu.om