

# DEGREE AUDIT (APPLIED BIOLOGY)

## DIPLOMA YEAR I

Course Code	Course Title	Pre-Requisites	Co-Requisites	Passing Grade	Credit Hours	Theory Hours	Practical Hours	Contact Hours	Semester
ENTW 1100	TECHNICAL WRITING – I	FP Level 4	–	D	3	2	2	4	<b>O N E</b>
ITAD 1100	ADVANCED IT SKILLS	FPIT 0001	–	D	3	0	6	6	
BIOL 1100	FUNDAMENTALS OF BIOLOGY	–	–	C-	4	3	2	5	
CHEM 1102	FUNDAMENTALS OF CHEMISTRY	–	–	C-	3	2	2	4	
PHYS 1201	PHYSICS	MATH 1102	–	C-	3	2	2	4	
<b>Total</b>					16	9	14	23	

ENTW 1200	TECHNICAL WRITING II	ENTW 1100	–	D	3	2	2	4	<b>T W O</b>
ENVS 1200	FUNDAMENTALS OF ENVIRONMENTAL SCIENCES	–	–	C-	3	2	2	4	
SLOM 1301	SAFETY AND LABORATORY MANAGEMENT		–	C-	3	2	2	4	
LABT 1201	LABORATORY TECHNIQUES	–	BIOL 1100 & CHEM 1102	C-	3	0	6	6	
CHEM 1202	CHEMISTRY I	CHEM 1102	–	C-	3	2	2	4	
<b>Total</b>					15	8	14	22	
BAMG 2111	ENTREPRENEURSHIP	ENTW 1200	–	D	3	2	2	4	<b>S U M M E R</b>
IRSE 2105	INTRO TO RENEWABLE ENERGY	PHYS1201	–	C-	3	2	2	4	
<b>Total</b>					6	4	4	8	

Credits	Theory	Practical	Total	Ratio
37	21	32	53	40% : 60%

## DIPLOMA YEAR II

Course Code	Course Title	Pre-Requisites	Co-Requisites	Passing Grade	Credit Hours	Theory Hours	Practical Hours	Contact Hours	Semester
ENGL 2100	TECHNICAL COMMUNICATION	ENTW 1200	–	D	3	3	0	3	<b>O N E</b>
CHEM 2104	GENERAL ORGANIC CHEMISTRY	CHEM 1102	–	C-	3	2	2	4	
BIOL 2101	CELL BIOLOGY	BIOL 1100	–	C	3	2	2	4	
BIOL 2102	BIOLOGY LABORATORY TECHNIQUES	LABT 1201	–	C	3	0	6	6	
BIOL 2203	MICROBIOLOGY	BIOL 1100	–	C	3	2	2	4	
<b>Total</b>					15	9	12	21	

CHEM 2201	ANALYTICAL CHEMISTRY I	CHEM 1202	–	C-	3	2	2	4	<b>T W O</b>
INST 2200P	INSTRUMENTATION	PHYS1201, SLOM1301	–	C	3	1	4	5	
BIOL 2201	BIOCHEMISTRY	CHEM 2104	–	C	3	2	2	4	
BIOL 2204	PROJECT I A	BIOL 2102	–	C	3	0	6	6	
BIOL 3203	GENETICS	BIOL 1100	–	C	3	2	2	4	
<b>Total</b>					15	7	16	23	

PHIL 3108	BUSINESS ETHICS	–	–	D	3	3	0	3	<b>S U M M E R</b>
BIOL 2301	PROJECT I B	BIOL 2204	–	C	3	0	6	6	
<b>Total</b>					6	3	6	9	

Credits	Theory	Practical	Total	Ratio
36	19	34	53	36% : 64%

## ADVANCED DIPLOMA

Course Code	Course Title	Pre-Requisites	Co-Requisites	Passing Grade	Credit Hours	Theory Hours	Practical Hours	Contact Hours	Semester
STAT 3120	STATISTICS & IT	ITAD 1100	-	C-	3	2	2	4	<b>O N E</b>
BIOL 2201	MOLECULAR BIOLOGY	BIOL 2101	-	C	3	2	2	4	
BIOL 3101	PLANT SCIENCE	BIOL 2101	-	C	3	2	2	4	
BIOL 3102	FOOD MICROBIOLOGY	BIOL 2203	-	C	3	2	2	4	
XXX	SPECIALIZATION ELECTIVE*			C	3	2	2	4	
<b>Total</b>					15	10	10	20	

PHIL 3201	FORMAL ARABIC COMMUNICATION	-	-	D	3	3	0	3	<b>T W O</b>
XXX	DEPARTMENT ELECTIVE**	-	-	C-	3	2	2	4	
BIOL 3103	INTRODUCTION TO BIOTECHNOLOGY	BIOL 2201	-	C	3	2	2	4	
BIOL 3202	ECOLOGICAL SAMPLING AND ENVIRONMENTAL TOXICOLOGY	BIOL 3101	-	C	3	2	2	4	
BIOL 3104	MAMMALIAN PHYSIOLOGY	BIOL 2101	-	C	3	2	2	4	
<b>Total</b>					15	11	8	19	

ENGL 3100	PUBLIC SPEAKING	ENTW1200	-	D	3	2	2	4	<b>S U M M E R</b>
QAQC3200	QUALITY ASSURANCE AND QUALITY CONTROL	-	-	C-	3	2	2	4	
<b>Total</b>					6	4	4	8	

\*BIOL 3205 ECOLOGY (PR-REQUISITE is BIOL2101)

\*\*PENV 3203 PRINCIPLES OF ENV. CHEMISTRY

Credits	Theory	Practical	Total	Ratio
36	25	22	47	53% : 47%

## B. TECH

Course Code	Course Title	Pre-Requisites	Co-Requisites	Passing Grade	Credit Hours	Theory Hours	Practical Hours	Contact Hours	Semester
PHIL 4101	OMAN CIVILIZATION	-	-	D	2	2	0	2	<b>O N E</b>
XXX	DEPARTMENT ELECTIVE*	-	-	C-	3	2	2	4	
BIOL 4101	PLANT PHYSIOLOGY	BIOL 3101	-	C	3	2	2	4	
BIOL 4102	HISTOLOGY & HAEMATOLOGY	BIOL 3104	-	C	3	2	2	4	
BIOL 4202	BIOLOGICAL CONTROL	-	-	C	3	2	2	4	
<b>Total</b>					14	10	8	18	

XXX	DEPARTMENT ELECTIVE*	-	-	C-	3	2	2	4	<b>T W O</b>
XXX	SPECIALIZATION ELECTIVE**	-	-	C	3	2	2	4	
BIOL 4205	IMMUNOLOGY	-	-	C	3	2	2	4	
BIOL 4201	PROJECT IIA	BIOL 2301	-	C	3	0	6	6	
BIOL 4203	PLANT BIOTECHNOLOGY & PATHOLOGY	BIOL 2201	-	C	3	2	2	4	
<b>Total</b>					15	8	14	22	

XXX	SPECIALIZATION ELECTIVE**		-	C	3	2	2	4	<b>S U M M E R</b>
BIOL 4301	PROJECT II B	BIOL 4201	-	C	3	0	6	6	
<b>Total</b>					6	2	8	10	

\*NUTR 4200 NUTRITION

\* POLL 4100 POLLUTION & ITS IMPACT

\*\* BIOL 4103 FOOD ANALYSIS

\*\* BIOL 4302 FOOD PROCESS TECHNOLOGY (Pre-requisite NUTR4200 & BIOL3102)

Credits	Theory	Practical	Total	Ratio
35	20	30	50	40% : 60%