



The Women University Multan

TRANSCRIPT

Department of Microbiology and Molecular Genetics

Student Name: SARA ISHAQ
Father's Name: MUHAMMAD ISHAQ
Program: Bachelor of Studies
Session: 2017-2021

Roll No: BMMG-17-41
Registration No: 2017-WUM-MMG-35
Discipline: Microbiology and Molecular Genetics



Semester 1st

Course Code	Course Title	Cr. Hr.	%age Marks	GP
COMP-101	COMPUTER SCIENCES (THEORY)	2	85	2.80
COMP-101	COMPUTER SCIENCES (PRACTICAL)	1	81	2.70
ENG-101	ENGLISH I	3	68	2.80
MATH-101	MATHEMATICS	3	75	3.30
MMG-101	BIOCHEMISTRY I (THEORY)	2	50	1.00
MMG-101	BIOCHEMISTRY I (PRACTICAL)	1	51	1.10
MMG-102	GENERAL GENETICS (THEORY)	2	50	1.00
MMG-102	GENERAL GENETICS (PRACTICAL)	1	50	1.00
MMG-103	FUNDAMENTALS OF MICROBIOLOGY (THEORY)	2	82	3.20
MMG-103	FUNDAMENTALS OF MICROBIOLOGY (PRACTICAL)	2	58	1.90
Credit Hours		19	GPA	2.12

Semester 2nd

Course Code	Course Title	Cr. Hr.	%age Marks	GP
ENG-101	ENGLISH II	3	81	3.75
ISL-101	ISLAMIC STUDIES	2	95	4.00
MMG-103	BIO-STATISTICS	3	56	1.00
MMG-104	BIOCHEMISTRY II (THEORY)	2	57	1.70
MMG-104	BIOCHEMISTRY II (PRACTICAL)	1	57	1.70
MMG-105	BIODIVERSITY OF PLANTS AND FUNGI (THEORY)	2	89	2.90
MMG-105	BIODIVERSITY OF PLANTS AND FUNGI (PRACTICAL)	1	71	3.00
MMG-106	MICROBIAL DIVERSITY (THEORY)	2	77	3.40
MMG-106	MICROBIAL DIVERSITY (PRACTICAL)	1	58	2.80
Credit Hours		17	GPA	2.79

Semester 3rd

Course Code	Course Title	Cr. Hr.	%age Marks	GP
MMG-201	ENGLISH III	3	76	3.40
MMG-202	CYTOTOGENETICS (THEORY)	2	75	3.30
MMG-202	CYTOTOGENETICS (PRACTICAL)	1	80	3.60
MMG-203	BIODIVERSITY OF ANIMALS (THEORY)	2	56	1.00
MMG-203	BIODIVERSITY OF ANIMALS (PRACTICAL)	1	50	1.00
MMG-204	MICROBIAL GENETICS (THEORY)	2	56	2.80
MMG-204	MICROBIAL GENETICS (PRACTICAL)	1	67	2.70
MMG-205	CELL BIOLOGY I (THEORY)	2	65	2.50
MMG-205	CELL BIOLOGY I (PRACTICAL)	1	80	3.80
PAK-201	PAKISTAN STUDIES	3	87	4.00
Credit Hours		18	GPA	2.95

Semester 4th

Course Code	Course Title	Cr. Hr.	%age Marks	GP
MMG-301	MICROBIAL ECOLOGY (THEORY)	2	81	3.70
MMG-301	MICROBIAL ECOLOGY (PRACTICAL)	1	81	3.70
MMG-302	MICROBIAL PHYSIOLOGY (THEORY)	2	84	3.90
MMG-302	MICROBIAL PHYSIOLOGY (PRACTICAL)	1	87	4.00
MMG-303	BACTERIAL METABOLISM (THEORY)	2	66	2.60
MMG-303	BACTERIAL METABOLISM (PRACTICAL)	1	72	3.10
MMG-304	SOIL AND AGRICULTURAL MICROBIOLOGY (THEORY)	2	92	4.00
MMG-304	SOIL AND AGRICULTURAL MICROBIOLOGY (PRACTICAL)	1	90	4.00
MMG-305	IMMUNOLOGY (THEORY)	2	77	3.40
MMG-305	IMMUNOLOGY (PRACTICAL)	1	81	3.70
MMG-306	MEDICAL MICROBIOLOGY (THEORY)	2	74	3.20
MMG-306	MEDICAL MICROBIOLOGY (PRACTICAL)	1	82	3.80
Credit Hours		18	GPA	3.55

Semester 5th

Course Code	Course Title	Cr. Hr.	%age Marks	GP
MMG-401	INDUSTRIAL MICROBIOLOGY I (THEORY)	2	90	4.00
MMG-401	INDUSTRIAL MICROBIOLOGY I (PRACTICAL)	1	93	4.00
MMG-402	CHROMOSOMAL ABNORMALITIES & GENETIC COUNSELING	2	86	4.00
MMG-403	MEDICAL VIROLOGY (THEORY)	2	85	4.00
MMG-403	MEDICAL VIROLOGY (PRACTICAL)	1	80	3.60
MMG-404	IMMUNOGENETICS (THEORY)	2	100	4.00
MMG-404	IMMUNOGENETICS (PRACTICAL)	1	93	4.00
MMG-405	ADVANCE TOPICS IN MICROBIOLOGY (THEORY)	2	89	2.90
MMG-405	ADVANCE TOPICS IN MICROBIOLOGY (PRACTICAL)	1	85	4.00
MMG-406	CELL AND TISSUE CULTURE TECHNOLOGY (THEORY)	2	97	4.00
MMG-406	CELL AND TISSUE CULTURE TECHNOLOGY (PRACTICAL)	1	89	4.00
Credit Hours		17	GPA	3.85

CGPA (Cumulative Grade Point Average) 3.20

Marks Obtained / Total Marks 10798 / 14100

O.P.M (Overall Percentage Marks) 76.58

Grade B

Total Credit Hours 141

Credit Hours of Repeated / Improved Course: 0

Course Completion Date: 14/06/2021

Semester 6th

Course Code	Course Title	Cr. Hr.	%age Marks	GP
MMG-253	ECOSYSTEM (THEORY)	2	85	2.50
MMG-253	ECOSYSTEM (PRACTICAL)	1	80	3.60
MMG-251	COMMUNICATION SKILLS	3	75	3.30
MMG-254	POPULATION GENETICS (THEORY)	2	58	1.80
MMG-254	POPULATION GENETICS (PRACTICAL)	1	58	2.80
MMG-255	VIROLOGY (THEORY)	2	90	1.00
MMG-255	VIROLOGY (PRACTICAL)	1	77	3.40
MMG-256	MOLECULAR BIOLOGY (THEORY)	2	60	2.00
MMG-256	MOLECULAR BIOLOGY (PRACTICAL)	1	72	3.10
SOC-101	SOCIOLOGY	2	85	4.00
Credit Hours		17	GPA	2.67

Semester 7th

Course Code	Course Title	Cr. Hr.	%age Marks	GP
MMG-351	HUMAN GENETICS (THEORY)	2	76	3.40
MMG-351	HUMAN GENETICS (PRACTICAL)	1	83	3.80
MMG-352	MOLECULAR MECHANISM OF GENE EXPRESSION (THEORY)	2	95	4.00
MMG-352	MOLECULAR MECHANISM OF GENE EXPRESSION (PRACTICAL)	1	93	4.00
MMG-353	INDUSTRIAL MICROBIOLOGY I (THEORY)	2	82	3.80
MMG-353	INDUSTRIAL MICROBIOLOGY I (PRACTICAL)	1	86	4.00
MMG-354	RECOMBINANT DNA TECHNOLOGY (THEORY)	2	85	4.00
MMG-354	RECOMBINANT DNA TECHNOLOGY (PRACTICAL)	1	72	3.10
MMG-355	FOOD AND DAIRY MICROBIOLOGY (THEORY)	2	81	3.70
MMG-355	FOOD AND DAIRY MICROBIOLOGY (PRACTICAL)	1	86	4.00
MMG-356	ENVIRONMENTAL MICROBIOLOGY (THEORY)	2	82	3.80
MMG-356	ENVIRONMENTAL MICROBIOLOGY (PRACTICAL)	1	92	4.00
Credit Hours		18	GPA	3.79

Semester 8th

Course Code	Course Title	Cr. Hr.	%age Marks	GP
MMG-427	ONCOLOGY (THEORY)	2	96	4.00
MMG-427	ONCOLOGY (PRACTICAL)	1	99	4.00
MMG-434	DIAGNOSTIC VIROLOGY (THEORY)	2	96	4.00
MMG-434	DIAGNOSTIC VIROLOGY (PRACTICAL)	1	94	4.00
MMG-445	NANOBIOTECHNOLOGY (THEORY)	2	81	3.70
MMG-445	NANOBIOTECHNOLOGY (PRACTICAL)	1	86	4.00
MMG-452	GENE THERAPY	2	89	4.00
MMG-453	BIOSAFETY AND BIOETHICS	2	93	4.00
MMG-454	BIOINFORMATICS	2	96	4.00
MMG-455	ADVANCES IN MICROSCOPE TECHNOLOGY	1	76	3.40
MMG-457	SEMINAR	1	92	4.00
Credit Hours		17	GPA	3.93

Chairperson
Department of Microbiology and Molecular Genetics

Controller of Examinations