

MONMOUTH UNIVERSITY

Office of Registration and Records

2012*2013 Sequence Chart

BY.MC12.GE12

SEMESTER 1

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN101	YES		COLLEGE COMPOSITION 1	3.0
CE111 & CE111L			GENERAL CHEMISTRY I & LAB	4.0
BY110	YES		INTRO TO CELL & MOLEC. BIO (GEN*ED NATURAL SCIENCE)	4.0
MA115 or MA116 or MA125	YES		SEE CURRICULUM CHART (GEN*ED MATH)	3.0
FY101	YES		FIRST YEAR SEMINAR	3.0
SEMESTER CREDITS				17.0

SEMESTER 3

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
BY223			GENERAL MICROBIOLOGY	4.0
CE241& CE241L			ORGANIC CHEMISTRY I & LAB	5.0
BY211			PHYSIOLOGY WITH ANATOMY I	4.0
xxx	YES	SS.SV	GEN*ED SOCIAL SCIENCE	3.0
SEMESTER CREDITS				16.0

B.S. IN BIOLOGY WITH A CONCENTRATION IN MOLECULAR CELL PHYSIOLOGY

SEMESTER 2

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN102	YES		COLLEGE COMPOSITION 2	3.0
CE112 & CE112L			GENERAL CHEMISTRY II & LAB	4.0
BY109	YES		INTRO. TO BIODIVERSITY & EVOL. (GEN*ED NATURAL SCIENCE)	4.0
IT102	YES	TL	INFORM. TECH. FOR SCIENTISTS (GEN*ED TECH. LIT.)	3.0
AR,MU, DA or TH	YES		GEN*ED ASESTHETICS	3.0
SEMESTER CREDITS				17.0

SEMESTER 4

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
HSxxx	YES	HS.SV	GEN*ED HISTORICAL PERSP.	3.0
MA151			STATISTICS	3.0
CE242			ORGANIC CHEMISTRY II	3.0
BY212			PHYSIOLOGY WITH ANATOMY II	4.0
xxx	YES	SS.SV or HS.SV	GEN*ED HISTORICAL PERSP. Or SOCIAL SCIENCE	3.0
SEMESTER CREDITS				16.0

SEE CURRICULUM CHART or DEGREE AUDIT FOR COMPLETE TITLE OF ALL COURSES. BE CERTAIN TO CONSULT WITH YOUR ADVISOR.

SEE WEBadvisor "SECTIONS OFFERED BY TERM" FOR COMPLETE LISTING OF COURSES WITH ASSOCIATED COURSE*TYPES.

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SEMESTER 5

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
BY310	YES	WT	BIOCHEMISTRY AND LAB (GEN*ED WRITING INTENSIVE)	4.0
PH105 & PH105L			PHYSICS FOR LIFE SCI. I & LAB	4.0
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
xxx			FREE ELECTIVE	3.0
ENxxx	YES	LIT	GEN*ED LITERATURE	3.0
SEMESTER CREDITS				17.0

SEMESTER 7

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
BY423			GENETICS	4.0

**B.S. IN BIOLOGY WITH A CONCENTRATION IN
MOLECULAR CELL PHYSIOLOGY**

SEMESTER 6

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
BY370			CELL BIOLOGY	3.0
BY375L	YES	WT & RD	MOLECULAR CELL LAB (GEN*ED WRITING INTENSIVE & REASONED ORAL DISCOURSE)	3.0
PH106 & PH106L			PHYSICS FOR LIFE SCI. & LAB	4.0
xxx			FREE ELECTIVES	2.0
SEMESTER CREDITS				15.0

SEMESTER 8

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx	YES	ISP	GEN*ED INTERDISCIPLINARY PERSPECTIVES	3.0

xxx		MCP	MCP ELECTIVE	3.0
xxx	YES	EX	FREE ELECTIVE (GEN*ED EXPERIENTIAL ED.)	3.0
xxx			FREE ELECTIVE	3.0
SEMESTER CREDITS				13.0

BY495	YES	RD	SENIOR SEMINAR (GEN*ED REASONED ORAL DISC.)	1.0
BY410			MOLECULAR BIOLOGY	3.0
BY425			PRIN. OF DEVELOPMENTAL BIO	4.0
xxx		MCP	MCP ELECTIVE	3.0
xxx			FREE ELECTIVE	3.0
SEMESTER CREDITS				17.0