

MONMOUTH UNIVERSITY

Office of Registration and Records

2010 * 2011 Sequence Chart

BY10EDE09GE10

**B.S. IN BIOLOGY AND EDUCATION WITH AN
ENDORSEMENT IN ELEMENTARY EDUCATION**

SEMESTER 1

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN101	YES		COLLEGE COMPOSITION 1	3.0
MA115 or 116 or 117	YES		SEE CURRICULUM CHART FOR TITLES	3.0
CE111/ CE111L	YES		GEN. CHEMISTRY I & LAB (GEN*ED NATURAL SCIENCE)	4.0
FY101	YES		FIRST YEAR SEMINAR	3.0
BY110	YES		INTRO. TO BIO. CELL MOLEC. (GEN*ED NATURAL SCIENCE)	4.0
SEMESTER CREDITS				17.0

SEMESTER 2

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN102	YES		COLLEGE COMPOSITION 2	3.0
PY103	YES	SS.SV	INTRO. TO PSYCHOLOGY (GEN*ED SOCIAL SCIENCE)	3.0
CE112/ CE112L	YES		GEN. CHEMISTRY II & LAB (GEN*ED NATURAL SCIENCE)	4.0
BY109	YES		INTRO. BIODIVERSITY EVOLU. (GEN*ED NATURAL SCIENCE)	4.0
IT102	YES	TL	INFO. TECH. FOR SCIENTISTS	3.0
SEMESTER CREDITS				17.0

SEMESTER 3

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
PY201			EDUCATIONAL PSYCHOLOGY	3.0
ED250			FOUND OF TEACH. & LEARN.	3.0
CE241/ CE241L			SEE CURRICULUM CHART OR DEGREE AUDIT	5.0
BY203 or BY213			SEE CURRICULUM CHART OR DEGREE AUDIT	3.0
BY223			GENERAL MICROBIOLOGY	4.0
SEMESTER CREDITS				18.0

SEMESTER 4

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED320	YES	RD&WT	TEACH. STUD. WITH DIV. NEEDS (GEN*ED RD AND WRIT. INT.)	3.0
XXX	YES	HS.SV or SS.SV	GEN*ED HISTORICAL PERSP. Or SOCIAL SCIENCE	3.0
BY204 or BY214			SEE CURRICULUM CHART or DEGREE AUDIT	3.0
CE242			ORGANIC CHEMISTRY II	3.0
EDL326			LIT. IN EDUC. SETTINGS	3.0
PY206			CHILD & ADOLESCENT DEVELOP.	3.0
SEMESTER CREDITS				18.0

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			BIOCHEMISTRY	4.0
PH105/PH105L			PHYSICS FOR LIFE SCI. I & LAB	4.0
ENxxx	YES		GEN*ED LITERATURE	3.0
EDL327/EDL327N	YES	WT	LIT. INSTR. K-5, EDUC. SETT., II	3.0
BYxxx			BIOLOGY ELECTIVE	3.0
SEMESTER CREDITS				17.0

SEMESTER 6

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
XXX	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
PH106/PH106L			PHYSICS FOR LIFE SCI. II & LAB	4.0
BY370			CELL BIOLOGY	3.0
MA151	YES		STATISTICS (GEN*ED MATHEMATICS)	3.0
HSxxx	YES	HS.SV	GEN*ED HISTORICAL PERSPEC.	3.0
SEMESTER CREDITS				16.0

SEMESTER 7

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED361/ED361N			TEACH. ELEM. SCIENCE	3.0
ED360/ED360N			TEACH. ELEM. MATH	3.0
XXX	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
Byxxx			BIOLOGY ELECTIVE	3.0
BY423			GENETICS	4.0
ED-PRAXIS			PRAXIS 10014	0.0
SEMESTER CREDITS				16.0

SEMESTER 8

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED362/ED362N			TEACH. ELEM. SOC. STUDIES	3.0
BY495	YES	RD	SENIOR SEMINAR & PORTFOLIO	1.0
BY425			PRINCIPLES OF DEVELOP. BIO.	4.0
BYxxx			BIOLOGY ELECTIVE (SEE CURR. CHART FOR CHOICES)	2.0
AR,MU,DA or TH			GEN*ED AESTHETICS	3.0
BY375L	YES	RD	MOLECULAR & CELL BIO. LAB	3.0
SEMESTER CREDITS				16.0

SEMESTER 9

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED416 or ED417	YES	EX	STUDENT or SUPERVISED TEACHING	8.0
ED416S or ED417S			SEMINAR	1.0
XXX	YES	ISP	GEN*ED INTERDISCIP. PERSPEC.	3.0
SEMESTER CREDITS				12.0