

MONMOUTH UNIVERSITY

Office of the Registrar

2019*2020 Sequence Chart

MA.EDE.BS.19

**B.S. IN MATHEMATICS 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
FY101	YES		FIRST YEAR SEMINAR	3.0
MA120	YES		INTRO. TO MATH REASONING	4.0
xxx	YES	SS.SV	GEN*ED SOCIAL SCIENCE	3.0
MA125			CALC. WITH ANAL. GEOM.	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
xxx			FREE ELECTIVES	2.0-3.0
ED250			PHILOSOPHICAL & PSYCHOLOGICAL FOUND. OF ED.	3.0
xxx	YES	HS.SV or SS.SV	GEN*ED HISTORICAL PERSPEC. or SOCIAL SCIENCE	3.0
MA126			CALC. WITH ANAL. GEOMETRY II	4.0
SEMESTER CREDITS				15.0-16.0

SEMESTER 3

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED320	YES	RD&WT	TEACH. STUD. WITH DIV. NEEDS	3.0
CE111/111L PH211/211L or BY109	YES	NS	SEE CURRICULUM CHART OR DEGREE AUDIT	4.0-5.0
CS175 and CS175L or MA237	YES	TL (not CS175 & CS175L)	INTRO TO COMP SCI I & LAB PROG./TECH. IN MATHEMATICS	4.0
MA221			LINEAR ALGEBRA	3.0
EDL326			LIT. IN K-6 EDUC. SETTINGS	3.0
SEMESTER CREDITS				17.0-18.0

SEMESTER 4

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EDS330	YES	WT	FOUND. OF SPEC. EDUCATION DEVELOP. ACROSS LIFESPAN	3.0
AR,MU,DA or TH	YES	AT	GEN*ED AESTHETICS	3.0
CE112/112L PH212/212L or BY110	YES	NS	SEE CURRICULUM CHART OR DEGREE AUDIT	4.0-5.0
MA225			CALCULUS III	4.0
MA220			PROBABILITY & STATS II	3.0
SEMESTER CREDITS				17.0-18.0

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.
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
HSxxx	YES	HS.SV	GEN*ED HISTORICAL PERSP.	3.0
MA314	YES	RD	NUMBER THEORY	3.0
MAxxx			MATH FREE ELECTIVE	3.0
EDS336			CLASSROOM MGMT.	3.0
SEMESTER CREDITS				18.0

SEMESTER 6

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED362			METHODS OF TEACH. SOC. STUD.	3.0
ED361			METHODS OF TEACH. ELEM. SCI.	3.0
MA410			MODERN ALGEBRA	3.0
MA317			GEOMETRY	3.0
ENxxx	YES	LIT	GEN*ED LITERATURE	3.0
SEMESTER CREDITS				15.0

SEMESTER 7

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx	YES	ISP	GEN*ED INTERDIS. STUDIES	3.0
MAxxx			MATH ELECTIVE	3.0
MA415	YES	WT	REAL ANALYSIS	3.0
ED360			METH. OF TEACH. SOC. STUD.	3.0
EDL327	YES	WT	LIT. INST. K-6, ED. SETT. I	3.0
xxx			FREE ELECTIVE	1.0
SEMESTER CREDITS				16.0

SEMESTER 8

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
MA325	YES	WT	HISTORY OF MATH	3.0
ED416	YES	EX	CLINICAL PRACTICE	8.0
ED416S			SEMINAR IN CLINICAL PRACTICE	1.0
SEMESTER CREDITS				12.0