

**MONMOUTH UNIVERSITY**

Office of the Registrar

2016\*2017 Sequence Chart

**SE.BS.16**

**SEMESTER 1**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN101	YES		COLLEGE COMPOSITION 1	3.0
CS102	YES	TL	INTRO. TO COMP. PROBLEM SOLVING	4.0
AR,MU, TH or DA	YES	AT	GEN*ED AESTHETICS	3.0
HS*xxx	YES	HS.SV	GEN*ED HISTORICAL PERSPECTIVES	3.0
FY101	YES		FIRST YEAR SEMINAR	3.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>

**SEMESTER 3**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CS176			INTRO. TO COMPUTER SCIENCE II	4.0
EN*xxx	YES	LIT	GEN*ED LITERATURE	3.0
MA125			CALCULUS WITH ANAL. GEOMETRY I	4.0
SE205			SOFTWARE REQUIREMENTS	3.0
BE201	YES	SS.SV	GEN*ED SOCIAL SCIENCE	3.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

**B.S. IN SOFTWARE ENGINEERING**

**SEMESTER 2**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN102	YES		COLLEGE COMPOSITION 2	3.0
xxx	YES	HS.SV or SS.SV	GEN*ED HIST. PERSPECTIVE or SOCIAL SCIENCE SURVEY	3.0
MA130	YES		DISCRETE MATH APPLICATIONS	3.0
CS175			INTRO. TO COMPUTER SCIENCE I	4.0
SE104			INTRODUCTION TO SOFTWARE ENGINEERING	3.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>

**SEMESTER 4**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CS205			DATA STRUCTURES & ALGORITHMS	4.0
BM250			PRINCIPLES OF MGMT. & ORG. BEHAVIOR	3.0
MA126			CALCULUS WITH ANALYTICAL GEOMETRY II	4.0
CS286			COMPUTER ARCHITECTURE I	3.0
SE207	YES	WT	SOFTWARE DESIGN ARCH	3.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

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.
SE312			SOFTWARE VER. VAL. & MAINT.	3.0
MA220			PROBABLILITY AND STATISTICS	3.0
PH211 & PH211L	YES	NS	PHYSICS I AND LAB	5.0
SExxx			SOFTWARE ENGINEERING ELECTIVE	3.0
<b>SEMESTER CREDITS</b>				<b>14.0</b>

**SEMESTER 7**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx			MATH/SCIENCE ELECTIVE	3.0
SE306			FORMAL METHODS IN S.E.	3.0
BM311			MGMT OF INFORMATION SYST.	3.0
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
SE485A	YES	RD	SOFTWARE PRACTICIUM	3.0
<b>SEMESTER CREDITS</b>				<b>15.0</b>

**B.S. IN SOFTWARE ENGINEERING**

**SEMESTER 6**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
SE403			SOFWARE PROCESS IMPROV.	3.0
PH212 & PH212L	YES	NS	GEN PHYSICS W/CALC. II	5.0
SE418	YES	WT	PROJECT MANAGEMENT	3.0
SExxx			SOFTWARE ENGINEERING ELEC.	3.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

**SEMESTER 8**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
SE402			HUMAN-COMPUTER INTERACT.	3.0
CS438			OPER. SYSTEMS ANALYSIS	4.0
xxx			MATH/SCIENCE ELECTIVE	3.0
PRxxx	YES	ISP	SEE OUTSIDE THE MAJOR REQUIREMENTS	3.0
SE485B	YES	EX	SOFTWARE PRACTICIUM	3.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>