

# MONMOUTH UNIVERSITY

Office of Registration and Records

## 2012\*2013 Sequence Chart

### CS11.B.GE12

#### SEMESTER 1

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

### B.S. IN COMPUTER SCIENCE WITH A CONCENTRATION IN APPLIED COMPUTING

#### SEMESTER 2

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN102	YES		COLLEGE COMPOSITION 2	3.0
xxx	YES	SS.SV	GEN*ED SOCIAL SCIENCE	3.0
CS175			INTRO. TO COMPUTER SCIENCE I	4.0
MA109+	YES		PRECALC. OR HIGHER MATH (see curriculum chart for exclusions)	4.0
xxx			FREE ELECTIVE	3.0
<b>SEMESTER CREDITS</b>				<b>17.0</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
CS202			DISCRETE MATH	4.0
BY,CE, PH or SC	YES		GEN*ED NATURAL SCIENCE	3.0
xxx	YES	HS.SV or SS.SV	GEN*ED HISTORICAL PERSP. Or SOCIAL SCIENCE	3.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

#### SEMESTER 4

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CS305			DATA STRUCTURES & ALGORITHMS	4.0
CS286			COMPUTER ARCHITECTURE I	3.0
BY, CE, PH, SC	YES		GEN*ED NATURAL SCIENCE	3.0
xxx			FREE ELECTIVES	3.0
xxx			FREE ELECTIVES	3.0
<b>SEMESTER CREDITS</b>				<b>16.0</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.
CS310	YES	WT	OBJECT-ORIENTED PROGRAM. (GEN*ED WRITING INTENSIVE)	4.0
CS200+			COMPUTER SCIENCE ELECTIVE	3.0
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
xxx			FREE ELECTIVE	3.0
xxx			FREE ELECTIVE	3.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>

#### SEMESTER 7

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CS432			DATABASE SYSTEMS	4.0
CS325	YES	WT	SOFTWARE ENG. CONCEPTS (GEN*ED WRITING INTENSIVE)	3.0
xxx	YES	ISP	GEN*ED INTERDISC. PERSPEC.	3.0
xxx	YES	EX	FREE ELECTIVES (GEN*ED EXPERIENTIAL ED)	1.0
xxx			FREE ELECTIVES	3.0
<b>SEMESTER CREDITS</b>				<b>14.0</b>

### B.S. IN COMPUTER SCIENCE WITH A CONCENTRATION IN APPLIED COMPUTING

#### SEMESTER 6

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
CS438			OPERATING SYSTEMS ANALYSIS	4.0
CS200+			COMPUTER SCIENCE ELECTIVE	3.0
xxx			FREE ELECTIVE	3.0
xxx			FREE ELECTIVE	3.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>

#### SEMESTER 8

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CS490	YES	RD	SENIOR PROJECT (GEN*ED REASONED ORAL DISC.)	4.0
CS400+			COMPUTER SCIENCE ELECTIVES	3.0
xxx			FREE ELECTIVES	3.0
xxx			FREE ELECTIVES	3.0
xxx			FREE ELECTIVES	3.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>