

MONMOUTH UNIVERSITY
Office of Registration & Records
Sequence Chart
2008-2009

CE.BY07.GE07

Academic Program: B.S. in Chemistry and a Concentration in Biochemistry

Semester 1

COURSE	TITLE	CREDITS
EN101	College English I	3
CE111	Gen. Chem. I	3
CE111L	Gen. Chem. I Lab	1
MA125	Calc. w/Anal. Geom. I	4
IT102	Infor. Tech. Sci.	3
LC100	Freshman Seminar***	1
	TOTAL	15

Semester 2

COURSE	TITLE	CREDITS
EN102	College English II	3
CE112	Gen. Chem. II	3
CE112L	Gen. Chem. II Lab	1
MA126	Calc. w/Anal. Geom. II	4
BY110	Principles of Biology	4
WP001	Writing Proficiency Exam	0
	TOTAL	15

Semester 3

COURSE	TITLE	CREDITS
HS101	West. Civilization I	3
CE241	Organic Chem. I	3
CE241L	Organic Chem. I Lab	2
PH211	Gen. Phys. w/Calc. I	4
PH211L	Gen. Phys. w/Calc. I Lab	1
CE 221	Quantitative Analysis	2
CE 221L	Quantitative Analysis Lab	2
	TOTAL	17

Semester 4

COURSE	TITLE	CREDITS
HS102	West. Civilization II	3
HU 201	Critical Discourse	3
CE242	Organic Chem. II	3
CE242L	Organic Chem. II Lab	2
PH212	Gen. Phys. w/Calc. II	4
PH212L	Gen. Phys. w/Calc. II Lab	1
	TOTAL	16

Semester 5

COURSE	TITLE	CREDITS
CE310	Biochemistry	4
CE452	Advanced Organic Chem	3
Aesthetics	AR/MU/TH/DA101	3
EN201	Literature I	3
CE372	Spec. & Quant. Chem.	3
CE372L	Spec. & Quant. Chem. Lab	1
WT001*	Writing Intensive Course in Chemistry	0
	TOTAL	17

Semester 6

COURSE	TITLE	CREDITS
CE311	Chemical Literature	1
CE 371	Thermo. Dynam. Solid	3
CE371L	Thermo. Dynam. Solid Lab	1
CE322	Instrumental Analysis	3
EN202	Literature II	3
*	Cross-Cultural Requirement	3
**	Social Sciences Requirement	3
WT001*	Writing Intensive Course in Chemistry	0
	TOTAL	17

Semester 7

COURSE	TITLE	CREDITS
BY323 or BY423	Microbiology Genetics	4
CE410	Seminar	1
**	Social Sciences Requirement	3
Elective		3
Elective		2
*	Cross-Cultural Requirement	3
EX001*	Experiential Education	0
	TOTAL	16

Semester 8

COURSE	TITLE	CREDITS
BY410	Molecular Biology	3
PRxxx	Perspectives Course	3
Elective		3
Elective		3
Elective		3
	TOTAL	15

TOTAL CREDITS 128

*See WEBadvisor "Sections Offered by Term" for complete listing of courses with type:

CC: Cross-Cultural

WT: Writing Intensive

EX: Experiential Education

**Social Sciences: See curriculum chart for choices.

***Counts as an elective