

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

CE.CP08.GE08

Academic Program: B.S. in Chemistry and a Concentration in Chemical Physics

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
**	Social Sciences Requirement	3
Aesthetics	AR/DA/MU/TH 101	3
WP001	Writing Proficiency Exam	0
	TOTAL	17

Semester 3

COURSE	TITLE	CREDITS
HS101	West. Civilization I	3
CE221	Quantitative Analysis	2
CE221L	Quantitative Analysis Lab	2
PH211	Gen. Phys. w/Calc. I	4
PH211L	Gen. Phys. w/Calc. I Lab	1
MA225	Calc. w/Anal. Geom. III	4
	TOTAL	16

Semester 4

COURSE	TITLE	CREDITS
HS102	West. Civilization II	3
HU 201	Critical Discourse	3
PH212	Gen. Phys. w/Calc. II	4
PH212L	Gen. Phys. w/Calc. Lab II	1
MA211	Differential Equations	3
EN201	Literature I	3
	TOTAL	17

Semester 5

COURSE	TITLE	CREDITS
CE241	Organic Chemistry I	3
CE241L	Organic Chemistry Lab I	2
CE372	Spectr. & Quantum Chem	3
CE372L	Spectr. & Quantum Chem Lab	1
PH301	Modern Physics	3
**	Social Sciences Requirement	3
WT001*	Writing Intensive Course in Chemistry	0
	TOTAL	15

Semester 6

COURSE	TITLE	CREDITS
CE242	Organic Chemistry I	3
CE242L	Organic Chem. Lab II	2
CE371	Thermo., Dyn., Solid State	3
CE371L	Thermo., Dyn., Solid State Lab	1
PH302	Applied Physics	3
CE311	Chemical Literature	1
*	Cross Cultural Requirement	3
WT001*	Writing Intensive Course in Chemistry	0
	TOTAL	16

Semester 7

COURSE	TITLE	CREDITS
CE410	Seminar	1
EN202	Literature II	3
*	Cross-Cultural Requirement	3
	Electives	9
EX001*	Experiential Education	0
	TOTAL	16

Semester 8

COURSE	TITLE	CREDITS
CE322	Instrumental Analysis	3
CE475	Comput. Chem./Mol. Mod	3
PR4XX	Perspectives Course	3
	Electives	7
	TOTAL	16

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