

**MONMOUTH UNIVERSITY**  
**Office of Registration & Records**  
**Sequence Chart**  
**2009-2010**

**CP09EDE09GE09**

**Academic Program: B.S. in Chemistry and Education with Endorsements in  
 Elementary Education and Physical Sciences**

**Semester 1**

COURSE	TITLE	CREDITS
EN101	College English I	3
CE111/111L	Gen Chem I & Lab	4
PY103	Intro to Psychology	3
MA125	Calc W/ Anal Geom	4
	<b>TOTAL</b>	<b>14</b>

**Semester 2**

COURSE	TITLE	CREDITS
EN102	College English II	3
MA126	Calc w/ Anal Geom 2	4
CE112/112L	Gen Chem II & Lab	4
PY201	Educational Psychology	3
IT102	Info Tech Scientists	3
	<b>TOTAL</b>	<b>17</b>

**Semester 3**

COURSE	TITLE	CREDITS
ED250	Found Tchg & Learning	3
CE241	Organic Chem I	3
CE241L	Organic Chem I Lab	2
PH211	Gen Phys w/ Calc I	4
PH211L	Gen Phys w/ Cal Lab	1
CE221	Quantitative Analysis	2
CE221L	Quantitative Anal Lab	2
	<b>TOTAL</b>	<b>17</b>

**Semester 4**

COURSE	TITLE	CREDITS
CE242	Organic Chem II	3
CE242L	Organic Chem II Lab	2
EDL326	Lit Inst K-5, Ed Set I	3
ED320	Teach. Stud. w/Div. Needs	3
PH212	Gen Phys w/Calc 2	4
PH212L	Gen Phys w/ Calc 2 lab	1
WT001*	Writ. Int. Course in Ed.	0
	<b>TOTAL</b>	<b>16</b>

**Semester 5**

COURSE	TITLE	CREDITS
EDL327	Lit Inst K-5 Ed Set II	3
EDL327N	NCATE Assessment	0
PY206	Child & Adolescent Development	3
HS101	Western Civ I	3
EN201	Literature I	3
CE372	Spec & Quant Chem	3
CE372L	Spec & Quant Chem Lab	1
WT001*	Writing Intensive Course in Chemistry	0
WT001*	Writing Intensive Course in Education	0
	<b>TOTAL</b>	<b>16</b>

**Semester 6**

COURSE	TITLE	CREDITS
CE311	Chemical Lit	1
ED361	Teaching Elem Science	3
ED361N	NCATE Assessment	0
HS102	Western Civ II	3
EN202	Literature II	3
Aesthetics	AR/MU/TH/DA101	3
WT001*	Writing Intensive Course in Chemistry	0
WT001*	Writing Intensive Course in Education	0
	<b>TOTAL</b>	<b>13</b>

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**Semester 7**

COURSE	TITLE	CREDITS
CE410	Seminar	1
CE4xx	Elective (Except 499)	3
ED362	Methods of Tch. Soc. Studies	3
ED362N	NCATE Assessment	0
PH301	Modern Physics	3
ED360	Teaching Elementary Math	3
ED360N	NCATE Assessment	0
ED-PRAXIS	Education Praxis II	0
	<b>TOTAL</b>	<b>13</b>

**Semester 8**

COURSE	TITLE	CREDITS
PH302	Applied Physics	3
CE322	Instrumental Analysis	4
**	Social Science Requirement	3
*	Cross Cultural Requirement	3
	<b>TOTAL</b>	<b>13</b>

**Semester 9**

COURSE	TITLE	CREDITS
PRxxx	Perspectives Course	3
ED416 or ED417	Student Teaching or Supervised Teaching	8
ED416s or ED417s	Seminar in Stud. Teach. Or Seminar in Supervised Tch.	1
	<b>TOTAL</b>	<b>12</b>

**TOTAL CREDITS 131**

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

CC: Cross-Cultural  
WT: Writing Intensive

\*\*Social Sciences: See curriculum chart for choices.

NOTE: The opportunity to finish this program within a shorter time period is possible.  
Please consult with your advisor.