

CAPITAL UNIVERSITY
Science Education Major
Chemistry focus: AYA Integrated Science Licensure

Name		Advisor	
Email		Advisor	
Student ID #		Box #	
		Phone #	

Praxis I Requirements:

____/____/____	Reading	____	(173)
____/____/____	Writing	____	(172)
____/____/____	Mathematics	____	(172)

Grades (C or higher required)

____	Gen Ed Goal 1	____	Gen Ed Goal 3
____	Gen Ed Goal 2	____	Educ 221
____/____/____	Education Program Acceptance Date	____/____/____	Student Teaching Acceptance Date

Praxis II Requirements:

____/____/____	Principles of Teaching & Learning	____	(165)	Test Code	30524
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AND take one of the two groups below

Group 1

____/____/____	Chem, Physics, & Gen Sc.	____	(520)		10070
____/____/____	Biology-Content Part I	____	(148)		20030

Group 2

____/____/____	Biology and General Sc.	____	(560)		20030
____/____/____	One content test: Chem/Physics or Earth Sc.	____	(152 or 132 or 151)		20245 or 10265 or 20571

AYA Education Field-Based Experience Records

____	Educ 221	Cooperating Teacher Evaluation
____		University Supervisor Evaluation
____		Student Self-Evaluation
____	Pedagogy	Cooperating Teacher Evaluation
____		University Supervisor Evaluation
____		Student Self-Evaluation
____	Student Teaching	University Weekly Visitation Forms
____		Three-Way Conference Evaluation
____	Portfolio Evaluation	
____	License Copy(ies)	

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University General Education Goals: (3 or 4 credits)

*** Must have grade of C or higher**

_____ 1 Reg & Wrtg *	_____ 2 Spk & Lstng *	_____ 3 Quant Rsng *	_____ 4 Global Issues
_____ 5 Cultrl Div	_____ 6 The Arts	_____ 7 Religion	below 8 Soc Science
below _____ 9 Nat Science	_____ 10 Humanities	_____ 11 Ethical Thgt	

Education Licensure Coursework / Grades

Blocked courses may be taken simultaneously

_____ Educ 151 (3)		_____ Educ 301 (2)	_____ Educ 401 (2)
_____ Psych 110 (3)	_____ Educ 221 (3)	_____ Educ 354 (2)	_____ Educ 402 (3)
_____ Psych 201 (3)	_____ Educ 313 (3)	_____ Educ 358 (2)	_____ Educ 430 (10)
	_____ Educ 374 (3)		

CHEMISTRY

_____ Chem 101	Principles IA	(4)
_____ Chem 102	Principles IIA	(4)
_____ Chem 221	Analysis I	(4)
_____ Chem 231	Organic I	(3)
_____ Chem 233	Lab	(1)
_____ Chem 232	Organic II	(3)
_____ Chem 234	Lab	(1)
_____ Chem 451	Biochem	(3)
_____ Phil 201	Phil of Sc	(3)

Recommended Course:

_____ Chem 445	Polymer	(3)
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LIFE SCIENCE

_____ Biol 151	Foundations I	(4)
_____ Biol 152	Foundations II	(4)
_____ Biol 270	Genetics	(4)
_____ Biol 360	Ecology	(4)
_____ Math 230	Calc I*	(4)

Recommended Courses:

_____ Biol 231	Human A&P	(4)
_____ Biol 232	Human A&P	(4)
_____ Biol 290	Micro & Imm	(4)

Option A: EARTH SCIENCE / PHYSICS

_____ Phys 220	General I	(4)
_____ Phys 221	General II	(4)
_____ Envs 250	Env Sc	(4)
_____ Geol 250	Phys Geol	(4)
_____ Geol 260	Oceanography	(4)
Choose One:		
_____ Csac 245	Computational	(3)
_____ Phys 396	Comp Phys	(3)
_____ Phys 433	Modern	(3)
Choose 4 credits:		
_____ Geol 220	Astronomy	(3)
_____ Geol 270	Meteorology	(4)
_____ Geol 330	Hydrogeology	(4)
_____ Geol 410	Field Stud	(1-3)
_____ Envs 393	Comput ES	(3)

OR

Option B: PHYSICS / EARTH SCIENCE

_____ Phys 221	General I	(4)
_____ Phys 221	General II	(4)
_____ Phys 396	Comp Phys	(3)
_____ Phys 433	Modern	(3)
_____ Csac 245	Comp Sc	(3)
_____ Math 231	Calc II	(4)
_____ Envs 250	Env Sc	(4)
_____ Geol 250	Phys Geol	(4)
Choose One:		
_____ Geol 410	Field Stud	(1-3)
_____ Envs 393	Comput ES	(3)

Foreign Language Coursework (8 hrs.)

STEP Portfolio