

BA in Chemistry w/Education Concentration

CHEMISTRY CERTIFICATION (K-12)

Revised 03/27/2017

While all bachelor programs require a minimum of 128 credits and a 2.00 cumulative GPA, the NJ Department of Education requires a 3.0 cumulative GPA to be certified. Students in this concentration must complete a CHEM major with accompanying EDUC courses as shown. A Math SAT score of 550 or better is required to declare CHEM as a major. To earn a certification in biological science, a student must complete 30 credits in biological science with 12 at the upper level. A student should seek guidance on course choices to ensure they count towards certification. A grade of "C" or better is required in all content courses and a B- or better in professional education courses. High school coursework in math and science is recommended. Consult with the EDUC Program for application and licensure requirements. "The student is responsible for ensuring that all graduation requirements are met" (Bulletin). **Consult with your preceptors (EDUC & CHEM) on a regular basis.**

Student Name: _____ Z _____

Dates of Curr WS Review ____, ____, ____, ____, ____

CHEM Preceptor: _____ EDUC Preceptor: _____

#1 CHEM BA Students should seek regular CHEM precepting for all program courses to meet BA requirements. A 2.0 GPA is required for the BA. <i>Also, students MUST earn C or better in all content courses for the Major #1 that count towards certification requirements.</i>	Credits	C or Better Cert. courses
CHEM 2110/15 CHEM I w/Lab	5	
CHEM 2120/25 CHEM II Organic w/Lab	5	
CHEM 2130 CHEM III	4	
CHEM 2140 CHEM IV	4	
CHEM 3025 Org. Tech	1	
CHEM 3110 Inorganic	4	
CHEM 3310 Lab Methods I	4	
CHEM 3320 Lab Methods II	4	
CHEM 3410 Physical Chem I	4	
CHEM 3420 Physical Chem II	4	
CHEM 4600 Chem Seminar	2	
MATH 2215 Calc I	5	
MATH 2216 Calc II	5	
PHYS 2110/15 or PHYS 2220/25 Physics I	5	
PHYS 2120/25 or PHYS 2230/35 Physics II	5	
CHEM 4810 Senior Thesis	1	
Total Credits for CHEM BA Major	62	
Required Cognates from EDUC (at right)	16	

#4 Professional Requirements: Grades of C or better required (equiv. transfer credits can be accepted)- 20 credits at left	Credits	Grade
EDUC 1515 Diversity in Fam, Schl & Commun. (4 cr ASD, V) or equiv, also accepted: GAH 1360; GEN 2126; GSS 1044, 3360, 3516; SOCY 2745		
EDUC 2241 Inclusive Learning in Education (4 cr ASD) also accepted GSS 2330,2340		
INTC 2610 Instructional Tech for K12 Educators (4 cr ASD) also accepted GEN 2108		
PSYC 3323 Adolesc (4 cr ASD) also accepted PSYC 2201/3322 Dev/Life; EDUC 2231 Dev. of Learner		
PSYC 3391 Ed. Psyc (4 cr ASD) also accepted EDUC 2231 Dev. Of Learner		
Prerequisite to Entry: Grade of B- or better required	Credits	Grade
EDUC 2000 Gateway of NJ Teaching Profession (1 cr ASD)		
Additional requirements for EDUC entry*/placement		Done?
Attend Information Session and Orientation*		
3.0 or better overall GPA* GPA _____ as of _____		
Criminal Background Check / Sub Cert		
TB Test		
Health Test or Nutrition Requirement		
Core Praxis Scores* or SAT score of 560+ reading & 540+ math or an ACT score of 23 on both the English and Math sections	Reading score	
	Writing score	
	Math score	

#2 Required General Education	Credits	C or Better
GEN	4	
GAH	4	
GAH	4	
GNM	4	
GNM	4	
GSS	4	
GSS	4	
GIS	4	
Total General Studies required	32	
<i>General Studies Writing Requirement - 4 courses- Two W1 courses may be transferred. W2 courses must be at Stockton. ____ W1 ____ W1/W2 ____ W1/W2 EDUC4600 W1/W2 3000 level</i>		
<i>General Studies Quantitative Reasoning Requirement - 3 courses- Two Q1 courses may be transferred. Q2 courses must be taken at Stockton MATH2215 Q1 ____ Q2 MATH2216 Q1 or Q2</i>		
<i>General Studies Outcome Requirement: These courses are listed as attributes ____ A (Arts) ____ H (Historical Consciousness) ____ FSEM ____ EDUC1515 V (Values/Ethics) ____ I (International/Multicultural)</i>		
#3 Required At-Some-Distance courses —EDUC sequence and grades from right column: PSYC 3391, 3323, EDUC 2241, 1515, INTC 2610, EDUC 2000, 3100, 3101, EDUC 3200, 4120, 4600, 4991, 4992 (37 cr)	Credits	B- or Better
PSYC 1100	4	
Total At-Some-Distance required	39	

#5 Professional Education —Grade of B- or better required (32 credits counted at left) Professional licensure courses may only be re-attempted once after withdrawal or failure to earn B- or better.	Credits	Grade
Clinical Experience Semester	Credits	Grade
EDUC 3100 Part-Time Clinical Experience in EDUC (50 hr– 2 cr ASD)		
PRAXIS II TEST(S) must be passed BEFORE the Clinical Practice 1 Semester in the subject(s) and grade level you wish to student teach. Check this website for current NJ test information for certification area www.ets.org/praxis/nj/requirements	Score:	
Clinical Practice 1 Semester (formerly "Introductory Semester")	Credits	Grade
EDUC 3101 Part-Time Clinical Practice in EDUC 1 (80 hr- 2cr ASD)		
EDUC 3200 Practices & Techniques of Teaching (4 cr ASD)		
Clinical Practice 2 Semester (formerly "Intermediate Semester")	Credits	Grade
EDUC 4120 Reading in the Content Area (2 cr ASD)		
EDUC 4600 Part-Time Clinical Practice in EDUC 2 (W2)- 100 hrs (2 cr ASD)		
EDUC 4606 Methods of Teaching Science & Math (4 cr cognate)		
Full-time Final Clinical Practice Semester (formerly "Student Teaching")	Credits	Grade
EDUC 4990 Full-Time Final Clinical Practice - full-time 15-week experience (12 cr cognate)		
EDUC 4991 Final Clinical Practice Seminar (2 cr ASD)		
EDUC 4992 EdTPA Capstone (2 cr ASD)		
In order for your certificate to be processed, you must meet the following requirements: complete your BA/BS degree; pass the Praxis test(s), take the EdTPA, and complete all liberal arts content coursework required; and attain a minimum GPA of 3.0.		
Final Overall GPA _____ as of _____		