



Advising Chart for the Chemistry Endorsement

For detailed information on licensure requirements, please contact the Director of Teacher Education, Lenna Ojura, Ph.D., ojurel@wlu.edu

Name _____ Class Year _____

Overall Requirements: BA or BS in Chemistry or Biochemistry; BA or BS in Geology, Biology or Physics with at least 24 credits earned in chemistry. Scores of 4 in chemistry will meet licensure requirements.	Requirement Met Through	
Suggested Courses in each area	Course(s) Taken	Date Completed
Inorganic Chemistry Chem 110, Chem 250; Chem 350		
Organic Chemistry Chem 241 or 241S (at St. Andrews); Chem. 242 Chem. 243, Chem. 347		
Physical Chemistry -- Chem. 261 Chem. 262, Chem. 266, Chem. 365		
Analytical Chemistry Chem. 211		
BS In Chemistry and Biochemistry students must have coursework in geology either through Geology 101 or another geology class. An AP score of 4 or higher on environmental science will meet this requirement.		
Education Courses Required: 13 credits academic work in education; 15 credits fieldwork		
Course	Credits	Term Completed
PSYC 113: Principles of Development , (Will meet FDR for Social Science.)	3	
EDUC 200: Foundations of Education: Fall	3	
EDUC 201: Practicum: Foundations of Education	1	
EDUC 302 :The Exceptional Learner: Fall and Winter	3	
EDUC 303: Practicum: The Exceptional Learner	1	
EDUC 353: Secondary Content Area Reading and Writing: Fall and Winter	3	
EDUC 354: Practicum: Secondary Content Area Reading and Writing	1	
EDUC 356: Methods for Secondary Education: Fall	3	
EDUC 357: Practicum: Methods for Secondary Education	1	
EDUC 451S: Directed Teaching Seminar, Middle and Secondary: Fall and Winter	1	
EDUC 461S: Directed Teaching, Middle and Secondary: Fall and Winter – May be taken at a reduced tuition the fall term after graduation.	11	

Suggested Progression Through The Program

Beginning In Sophomore Year

	Fall	Winter
Sophomore Year	EDUC 200 and EDUC 201	No class or take EDUC 302 and EDUC 303
Junior Year	EDUC 353 and EDUC 354	EDUC 302 and EDUC 302 if not taken in sophomore year
Senior Year	EDUC 356 and EDUC 357	EDUC 451S and 461S:
Fall Semester After Graduation	EDUC 451S and 461S: if did not take in Winter of senior year.	

Beginning In Junior Year

	Fall	Winter
Junior Year	EDUC 200 and EDUC 201	EDUC 302 and EDUC 303 EDUC 353 and EDUC 354
Senior Year	EDUC 356 and EDUC 357	EDUC 451S and 461S: Directed Teaching and Seminar
Fall Semester After Graduation	EDUC 451S and 461S:.	

Planning Worksheet

Fall 20__	Winter 20__
Fall 20__	Winter 20__
Fall 20__	Winter 20__
Fall 20__ 13th Term Option	

Required Assessments for Licensure	Completed
Praxis I (Reading, Writing, and Mathematics) – Exemption granted for a total SAT score of 1100 in reading and math or higher, a minimum of 530 in each area. ACT exemption: 24 composite, Math 22, and English + Reading 46. VCLA exemption for Praxis I reading and writing: passing score. (www.ets.org/praxis).	Prior to Entry to Program
VCLA (Virginia Communication and Literacy Assessment) (www.va.nesinc.com)	Prior to Methods Courses
Praxis II – Content Area Test (www.ets.org/praxis). # 0245	Prior to Entry into Licensure Program
Training to recognize, report and respond to child abuse and neglect: (http://www.dss.virginia.gov/family/cps/mandated_reporters/cws5691/index.html) On-line course with certificate of completion required.	Prior to Licensure
Complete CPR/First Aid/AED Training as required by VDOE	Prior to Licensure