

Advising Chart for Mathematics 6-12

For detailed information on licensure requirements, please contact Jordan Clark at jordan.clark@svu.edu



Name _____ Class Year _____

Major: Mathematics

REQUIRED LICENSURE COURSES FOR MATHEMATICS			
Requirements	Suggested Courses	Course(s) Taken	Term Completed
Knowledge of Calculus (10) At least 3 courses	MAT 241, 242, 341, 441		
Knowledge of Algebra (6) At least 2 courses	MAT 343, 360, 460		
Knowledge of Applied Mathematics (6) At least 2 courses	MAT 344, 410, 444		
Knowledge of Probability and Statistics (3) At least 1 course	MAT 221, 321, 322		
Knowledge of Discrete Mathematics (3)	MAT 332		
Knowledge of Geometry (3)	MAT 365		
Knowledge of History and Cultures of Mathematics (3)	MAT 355		
Knowledge of Computer Science and Programming (6)	CSC 120, MAT 410		
Knowledge of General Physics and Lab (4)	PHY 201		
Knowledge of English (6)	WRI 120, 320		
In addition, knowledge of geometry and analytic geometry will be met through review and application of geometric concepts in calculus and algebra courses.			
REQUIRED PROFESSIONAL EDUCATION COURSES			
Courses	Credits	Term Completed	
EDU 200: Foundations of Education	3		
EDU 201: Practicum: Foundations of Education	1		
EDU 250: Human Growth and Development	3		
EDU 302: The Exceptional Learner	3		
EDU 303: Practicum: The Exceptional Learner	1		
EDU 353: Secondary Content Area Reading and Writing: (Spring only W&L)	3		
EDU 354: Practicum: Secondary Content Area Reading and Writing	1		
EDU 356: Methods for Secondary Education: (Fall only W&L)	3		
EDU 357: Practicum: Methods for Secondary Education	1		
EDU 492: Directed Teaching Seminar, Middle and Secondary	1		
EDU 495: Directed Teaching, Middle and Secondary	14		

Suggested Progression Through The Program

Beginning In Sophomore Year

	Fall	Winter
Sophomore Year	EDU 200 and EDU 201	No class or take EDU 302
Junior Year	EDU 353 and EDU 354	EDU 302 (if not taken in sophomore year)
Senior Year	EDU 356 and EDU 357	EDU 492 and 495
Fall Semester After Graduation	EDU 492 and 495: if not taken in Spring of senior year.	

Beginning In Junior Year

	Fall	Winter
Junior Year	EDU 200 and EDU 201	EDU 302 EDU 353 and EDU 354
Senior Year	EDU 356 and EDU 357	EDU 492 and 495
Fall Semester After Graduation	EDU 492 & 495	

Planning Worksheet

Fall 20__	Winter 20__
Fall 20__	Winter 20__
Fall 20__	Winter 20__
Fall 20__ 9th Term Option	

REQUIRED ASSESSMENTS FOR LICENSURE	Completed
Praxis Academic Core (Math): Exemption granted for a Math SAT or ACT scores : www.doe.virginia.gov/teaching_educator_preparation/college_programs/entry_assessment.pdf	Prior to Entry to Licensure Program
VCLA (Virginia Communication and Literacy Assessment): www.va.nesinc.com	Prior to Entry to Licensure Program
Praxis II – Content Area Mathematics Test: www.ets.org/praxis	Prior to Entry to Licensure Program
Training to recognize, report and respond to child abuse and neglect: http://www.dss.virginia.gov/family/cps/mandated_reporters/cwse5691/story_html5.html On-line course with certificate of completion required. Dyslexia training: http://www.doe.virginia.gov/teaching/licensure/dyslexia-module/story.html On-line course with certificate of completion required	During The Exceptional Learner Class
Complete CPR/First Aid/AED Training as required by VDOE	Prior to Licensure