

**Program Matrix - Other Elements of the Core Curriculum
Chemistry 6-12 (DOE Code 289)
University of Florida**

Other Elements of the Uniform Core Curriculum	ESE 6344 Classroom Practices in Secondary Education	ESE 6345 Effective teaching and Classroom Management in Secondary School	SCE 6338 Secondary Science Methods and Assessment	Florida Teacher Certification Exam (FTCE)
Educational Law	Covered under Accomplished Practice 6a			
Reading, interpretation, and use of data for student achievement	Covered under Accomplished Practice 3b, 4a			
Technology appropriate for the grade	Covered under Accomplished Practice 2g, 2i, 3g, 4f			
Teaching strategies to meet the needs of diverse student populations	Covered under Accomplished Practice 3h			
Classroom Management	Covered under Accomplished Practice 2			
Professional Ethics	Covered under Accomplished Practice 6a			
Higher-level mathematics concepts (Elementary Education, Middle Grades Mathematics, and Secondary Mathematics)	Not Applicable			
Math computational skills acquisition and measures to improve P-12 computational performance			X	
Sunshine State Standards content measured by FCAT			X	
Information on the State system of school improvement and accountability		X		
School Safety	X			
PEC (13) Knowledge of the history of education and its philosophical and sociological foundations (Foundations of Education)		X		X