

SECONDARY SCIENCE UNDERGRAD

Course	Standard
SCU 207 Social, Historical Issues	Disciplinary foundations Transformation
SCU 337 Human Development Or SCU 336 Adolescent/ Adult Development	Disciplinary foundations Identity Development
LSE 380 Philosophy of Education	Disciplinary foundations Understanding Difference
SCU 339 (optional) Middle School	Transformation
SE 363 Orientation to Secondary	Diverse Students Learning Environment Technology I
SE 364 Methods: Secondary	Human Development and Learning Assessment Technology II
SE 325 Literacy in Content Areas	Classroom Communication LA – Literacy Techniques LA – Modeling Literacy LA – Language Arts Instruction and Improvement Reading in the Content Area
LSI 346 Exceptional Child	Disabilities
SE 339 Methods of Teaching Sec. Science	Unifying Concepts Nature of Science Science Inquiry Issues of Science Planning for Instruction Skills of Teaching Curriculum Science & Community Safety & Welfare
SE 384 Capstone	Collaboration Reflection and Professional Growth Professional Conduct
Content Area Courses – Mini-portfolio	Molecules, Cells, Organisms, Ecosystems Matter, Energy, Force, & Motion Earth & Universe Technological Design Science Content in the Major (Biology, Chemistry, Environmental Science, or Physics)

SECONDARY SCIENCE GRAD (T&L)

Course	Standards
SCG 406 Human Development	Disciplinary foundations Identity Development
SCG 408, 409, or 411 Education & Society	Disciplinary foundations Transformation Understanding Difference
SCG 439 (optional) Middle School	Transformation Understanding Difference
SCG 410 Research	Inquiry
T&L 424 Intro to Secondary Education	Diverse Students Learning Environment Technology I
T&L 425 Professional Practice	Human Development and Learning Assessment Technology II
T&L 525 Literacy Across the Curriculum	Classroom Communication LA – Literacy Techniques LA – Modeling Literacy LA – Language Arts Instruction and Improvement Reading in the Content Area
LSI 446 Exceptional Child	Disabilities
T&L 439 Teaching & Learning Sec. Science	Nature of Science Science Inquiry Issues of Science Planning for Instruction Skills of Teaching Curriculum Science & Community Safety & Welfare
T&L 591 ST seminar	Collaboration Reflection and Professional Growth Professional Conduct
Content Area Courses / Mimi-portfolio	Molecules, Cells, Organisms, Ecosystems Matter, Energy, Force, & Motion Earth & Universe .Science Content in the Major (Biology, Chemistry, Environmental Science, Physics)