

Restricted Electives for Landscape Architecture Students					
Earth Science Electives					
Course #	Course Title		Pre.	Offered	Course Description
Geos 3304	Geomorphology	Recom.	Geos 1004(A4)or1014 (A7)	II	Geomorphology - Examins the land forms at the earth's surface. Detailed investigation of major processes operating at the earth's surfaceincluding: tectonics, fluvial, coastal, eolian, and glacial processes. Field excursions Pre: GEOG 1104 or GEOS 1004 or GEOS 2104 (3H,3C)
Geos 3614	Soils		Chem1036	I	Soils - Characterization of soils as a natural resource emphasizing their physical, chemical, mineralogical and biological properties in relation to nutrient availability, fertilization, plant growth, land use management, waste application, soil and water quality,and food production. (CSES, ENSC, and related plant and earth science majors) Partially duplicates CSES/ENSC 3134 Pre. 1036. (3H,3C)
For 4354	Forest Soils		For 3314	I	Forest Soils - Principles of forest soils and hydrology and applications to forest management. Forest soil development, relationships of soil and hydrologic properties to tree growth, and the management of soil and soil water to enhance fiber production. Pre: 3314. (2H,3L,3C) I.
CSES 3134	Soils in the Landscape	Recom.	CSES 1004	II	SOILS IN THE LANDSCAPE - A study of soils as functional landscape components, emphasizing their physical, chemical, mineralogical, and biological properties in relation to plant growth, nutrient availability, land-use management, and soil and water quality. Primarily for FOR/FIW, LAR, and other plant/earth science related majors. May not be taken by CSES or ENSC majors. Partially duplicates 3114 and 3124. Pre: one year of introductory CHEM or BIOL or GEOS. II. (2H,3L,3C)
Plant Sciences Electives					
Course #	Course Title		Pre.	Offered	Course Description
Hort 3325	Woody Landscape Plants	Req 3325 or 3326	NA	I	Woody Landscape Plants - Functions, growing requirements, hardiness, problems, and methods of identification of landscape plant materials. 3325: Commonly available woody landscape plants. Junior standing required. (2H,3L,3C) 3325: I; 3326: standing required.
Hort 3326	Woody Landscape Plants	Req 3325 or 3326	Hort 3325	II	Woody Landscape Plants - Functions, growing requirements, hardiness, problems, and methods of identification of landscape plant materials. 3326: Native and rare woody landscape plants. Junior standing required. (2H,3L,3C) 3325: I; 3326: standing required.
For 2314	Biology and Forest Dendrology		Biol 1006 (A4)	I	Biology and Forest Dendrology - Introduction to the botany, physiology, genetics and silvics of important forest trees of North America. I. Pre: BIOL 1006 or BIOL 1106. Co: 2324. (2H,2C).
For 2324	Biology and Forest Dendrology LAB		Co rec w/2314	I	Dendrology Lab - Field identification of trees of North America with particular emphasis on trees native to the Eastern United States. I (3L,1C)
CSES 3644	Plant Materials for Environmental Restoration	Recom.	Biol 1106 (A4)	I	Plant Materials for Environmental restoration - Overview of ecological principles related to revegetation and restoration of disturbed sites. Function and species requirements of plants in stabilizing disturbed areas including mines, rights-of-way, constructed wetlands, and for the remediation of contaminated soils. Pre: BIOL 1106. Co: 3114. (3H,3C) I.
Hort 2304	Plant Biology		Hort 1005	I,II	Plant Biology - Introductory botany. Form, growth, function, reproduction, and ecological adaptations of major groups of plants. Pre: BIOL 1105, BIOL 1106. (3H,3C) I,II.