



Foreign Language Requirement: Students who have not met the university foreign language requirement (see university catalogue statement) must do so as part of their program of study while at Virginia Tech. Credits taken to complete this requirement will not count toward graduation.

Minimum Satisfactory Progress: All students must achieve a minimum 2.0 Q.C.A. by the end of the semester in which the 50th credit hour has been attempted. All students must achieve a C- or higher grade in all required landscape architecture design labs (ARCH 1015-LAR 4094) and technology courses (LAR 2164-3164).

Visual Expression, Written and Spoken Communication: LAR Program requirements are met through completion of LAR courses required for the BLA degree.

Course Prerequisites Required: Please refer to the Undergraduate Course Catalog for specific course prerequisite information.

GPA Requirements: A minimum overall 2.0 GPA is required for graduation. A minimum in-major 2.0 GPA is also required.

\* Course included in calculation of Major GPA.

| Restricted Electives for Landscape Architecture Students |   |                  |                            |         |   |
|--|---|------------------|----------------------------|---------|---|
| Earth Science Electives                                  |   |                  |                            |         |   |
| Course #   | Course Title                                  |                  | Pre.                       | Offered | Course Description  |
| Geos 3304  | Geomorphology                                 | Recom.           | Geos 1004(A4) or 1014 (A7) | II      | Geomorphology - Examines the land forms at the earth's surface. Detailed investigation of major processes operating at the earth's surface including: tectonics, fluvial, coastal, eolian, and glacial processes. Field excursions Pre: GEOG 1104 or GEOS 1004 or GEOS 2104 (3H,3C)   |
| Geos 3614  | Soils   |                  | Chem 1036                  | 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.   |