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College of Architecture & Urban Studies, School of Architecture + Design
Bachelor of Landscape Architecture Program Checksheet
Students graduating calendar year 2019

Student name: _____

Course Title		Credits	Grade
CLE Curriculum (30 credits)			
Area 1 - Writing and Discourse (min. 6 credits)			
Engl 1105	Freshman English	3	
Engl 1106	Freshman English	3	
Area 2 - Ideas, Cultural Traditions and Values (min. 6 credits)			
LAR 4034	Evolution of the Amer. Land. (WI) Required Major Course	3	
_____	_____	3	
Area 3 - Society and Human Behavior (min. 6 credits)			
_____	_____	3	
_____	_____	3	
Area 4 - Scientific Reasoning and Discovery (min. 6 credits)			
Geos 1004	Physical Geology	3	
_____	_____	3	
Area 5 - Quantitative and Symbolic Reasoning (min. 6 credits)			
Math 1014	Precalc w/Transcendental	3	
Math 1025	Elementary Calculus	3	
	OR		
Math 1535	Geometry and Mathematics of Design	3	
Math 1536	Geometry and Mathematics of Design	3	
Area 6 - Creativity and Aesthetic Experience (1 to 3 credits)			
ARCH 1015	Foundation Design Lab (Required Major Course)	3	
Area 7 - Critical Issues in a Global Context (min. 3 credits)			
_____	_____	3	
Landscape Architecture Professional Core (108-111 credits)			
Design Studios			
* ARCH 1015	Foundation Design Lab	6	
* ARCH 1016	Foundation Design Lab	6	
* LAR 2015	LAR Design Studio - Place & Process I	6	
* LAR 2016	LAR Design Studio - Place & Process II	6	
* LAR 3015	LAR Design Studio - Site, Program and Community I	6	
* LAR 3016	LAR Design Studio - Site, Program and Community II	6	
* LAR 4014	Design & Construction Documentation	6	
* LAR 4084	Landscape Design and Planning Studio (max 12 credits)	6	
		6	
* LAR 4094	Senior Project (min. 9 - max. 12 credits)	9	

Course Title		Credits	Grade
Landscape Architecture Professional Core (continued)			
Technical Courses			
* LAR 2164	Landform Function & Aesthetics	4	
* LAR 3154	Watershed Sensitive Design	4	
* LAR 3164	Materials, Structures, Details	4	
* LAR 4124	Professional Practice	3	
Theory and Methods Courses			
* LAR 1254	Environment and Natural Systems	3	
* LAR 1264	Seeing Understanding Representing Landscape	3	
* LAR 2254	Social and Cultural Landscapes	3	
* LAR 3044	Land Analysis	3	
* LAR 3264	People, Community, Place	3	
* LAR 4034	Evolution of the American Landscape	3	
* LAR 4254	Theories of Landscape Architecture	3	
Plant Science Restricted Electives (min. 6 credits from approved list, must include at least one plant taxonomy or woody plant identification course)			
_____	_____ (taxonomy/woody plant id course)	3	
_____	_____	3	
Earth Science Elective (min. 3 credits from approved list)			
_____	_____	3	
Free Electives (15 credits)			
_____	_____		
_____	_____		
_____	_____		
_____	_____		
_____	_____		
_____	_____		
_____	_____		
_____	_____		
_____	_____		
_____	_____		
CREDITS REQUIRED FOR GRADUATION		**153 credits**	

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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.

Plant Science Restricted Electives: Must include at least one plant taxonomy or woody plant identification course - HORT 3325 (plus lab), HORT 3326 (plus lab), or FREC 2314 **and** FREC 2324 (lab).

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.

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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	Geomorphlogy - Examins the land forms at the earth's surface. Detaileed 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		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)
FREC 4354	Forest Soils		FREC 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.
FREC 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).
FREC 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.
HORT 2134	Plants & Greenspaces Urban Com		NA	II	Modern concepts of sustainability changing plant use in urban settings. Fundamentals of urban horticulture and urban ecosystems. Philosophy of sustainability, urban forestry, urban wildlife, sustainable and community-supported agriculture, and innovations merging plant and ecosystem functions with building and site engineering. Multi-disciplinary emphasis in individual, community, regional, and global scales.