

University of Vermont Agroecology and Landscape Design [Landscape] Check List		
COURSE	CREDITS	TAKEN
CALS 1010 Foundations <i>or</i> CALS 2830 Communication Methods	3	
CALS 1020 Foundations <i>or</i> CALS 1850 Computer Applications	3	
ENGL 1001 or equivalent	3	
Two University Approved Diversity Courses One D1 course is required plus either another D1 or a D2 course.	6	
Two 3-credit courses from arts and humanities (Art, Art History, Classics, Language, Literature, Music, Philosophy, Religion, Theatre, etc.)	6	
BIOL 1400 Principles of Biology 1 or BCOR 1400 (Grad Research Track)	4	
BIOL 1450 Principles of Biology 2 or BCOR 1450 (Grad Research Track)	4	
CHEM 1100 General Chemistry <i>or</i> CHEM 1400/1450 (Grad Research Track)	4	
MATH 1034 Pre-Calculus or MATH 1212 <i>or</i> 1234 Calculus 1 (Grad Research Track)	3	
NR 2030 Ecology, Ecosystems & Environment <i>or</i> BCOR 2100 Ecology and Evolution	3	
STAT 1110 Elements of Statistics <i>or</i> STAT 1410 Basic Statistical Methods (Grad Research Track)	3	
CDAE 1610 Principles of Agricultural & Resource & Community Development	3	
PBIO 2040 Plant Physiology	4	
PSS 2380 Commercial Plant Propagation	4	
PSS 2610 Fundamentals of Soil Science (SU*)	4	
PSS 2620 Soil Fertility and Conservation	3	
PSS 2991 Internship	1	
PSS 2810 Professional Development	1	
Choose at least two: •CDAE 1010 Intro. Sketchup (3 cr) •CDAE 1170 Digital Illustration (3 cr) •NR 2430 Geographic Information Systems (4 cr)	6-7	
PSS 1100 Home and Garden Horticulture + PSS 1150 Home and Garden Horticulture Lab (not required to take concurrently)	3 + 1	
Choose at least one: •PSS 1210 Introduction to Agroecology (SU*) •PSS 1370 Living Landscapes	3	
PSS 2230 Garden Flowers	2	
PSS 2250 Woody Landscape Plants	4	
PSS 2370 Landscape Design Fundamentals (requires design, drawing, or mapping course)	4	
PSS 3380 Ecological Landscape Design	4	
Choose at least two: •PSS 2060 Entomology and Pest Management (4 cr) •PSS 2120 Weed Ecology and Management (3 cr) •PSS 2170 Plant Pathology (4 cr) •PSS 2560 Permaculture (3 cr)	6-8	
Major electives - A minimum of 9 credits of approved course electives at level 100 or above. Students are allowed to substitute a course or independent study up to 3 credits of the 9 required if given prior approval by the student's advisor. Suggested electives: Suggested electives: PSS 2200- Cold Climate Viticulture; PSS 2240 - Sustainable Vegetable Crop Production; PSS 2270 - Greenhouse Operations & Mgmt; PSS 2540 - Composting Ecology & Mgmt; PSS 2270 - Crop Breeding; PSS 3210 - Sustainable Orchard Management; PSS 3120 Advanced Agroecology; PSS 3180 Agriculture Policy and Ethics; PSS 3320 - Biological Control; PSS 3680 Soil Ecology; PSS 3690- Soil/Water Pollution & Bioremediation; CDAE 2010 - Advanced Sketchup; CDAE 2660 - Intro to Community	9	
Other elective courses	13-16	
Graduation Requirement	120	

Typical ALD, Landscape Concentration Program

Fall Semester 1st Year		Spring Semester 1st Year	
CALS 1010 Communications Methods	3	CALS 1020 Information Technology	3
PSS 1100 Home & Garden Horticulture	3	BIOL 1450 Principles of Biology	4
PSS 1150 Home & Garden Horticulture Lab	1	MATH 1034 Pre-Calculus <i>or above</i>	3
CDAE 1010 Drafting & Design in SketchUp	3	Social Science/Diversity Elective	3
BIOL 1400 Principles of Biology	4	ENGL 1001	3
Total Credits:	14	Total Credits:	16
Fall Semester 2nd Year		Spring Semester 2nd Year	
CHEM 1100 Outline of General Chemistry	4	PBIO 2040 Plant Physiology	4
NR 2030 Ecology, Ecosystems & Environment	3	PSS 2380 Commercial Plant Propagation	3
CDAE 1610 Princ Comm Dev Econ	3	STAT 1110 or 1410	3
PSS 2250 Woody Landscape Plants	4	Fine Art and Humanities Elective	3
PSS Production & Mgmt Electives *	3-4	PSS Production & Mgmt Elective *	3-4
Total Credits:	17-18	Total Credits:	16-17
Fall Semester 3rd Year		Spring Semester 3rd Year	
PSS 2060, 2120, or 2170	4	PSS 2620 Soil Fertility and Conservation	4
PSS 2370 Landscape Design Fundamentals	4	PSS 2991 Internship	1
PSS 2610 Fundamentals of Soil Science	4	PSS 2810 Professional Development	1
Social Science/Diversity Elective	3	Fine Art and Humanities or Diversity Elective	3
PSS Production & Mgmt Electives *	3	PSS Production & Mgmt Electives *	6-7
Total Credits:	18	Total Credits:	15-16
Fall Semester 4th Year		Spring Semester 4th Year	
PSS 2060, 2120, or 2170	4	PSS 3380 Ecological Landscape Design	4
PSS Production & Mgmt Electives*	3-6	PSS Production & Mgmt Electives*	3-6
Fine Art and Humanities or Diversity Elective	3	General Electives	3-6
General Electives	3-6		
Total Credits:	13-18	Total Credits:	15-18
<p>Suggested electives: PSS 2200- Cold Climate Viticulture; PSS 2240 - Sustainable Vegetable Crop Production; PSS 2270 - Greenhouse Operations & Mgmt; PSS 2370 - Landscape Design Fundamentals; PSS 2540- Composting Ecology & Mgmt; PSS 2720 - Crop Breeding; PSS 3080 Diversified Farm Planning; PSS 3090 - Diversified Farm Operations (summer); PSS 3120 Advanced Agroecology; PSS 3180 Agriculture Policy and Ethics ;PSS 3210 - Sustainable Orchard Mgmt; PSS 3320 - Biological Control; PSS 3680 Soil Ecology; PSS 3690 - Soil/Water Pollution & Bioremediation; CDAE 2660 - Intro to Community Entrepreneurship.</p> <p>(Required) choose at least two digital design courses: CDAE 1010 Intro to Sketchup; CDAE 1170 Digital Illustration; NR 2430 Intro to Geographic Information Systems</p>			