

B.S. major in Ecological Landscape Planning and Design**Catamount Core Curriculum****Credits***

LIBERAL ARTS

Arts & Humanities: 6 credits from any of the following: 6

AH1-Arts; AH2-Literature; AH3-Humanities

Social Sciences: 6 credits from S1 courses 6

Natural Sciences: 6 credits from N1 (no lab) or N2 (lab) courses 0

Mathematics: 3 credits from MA courses 0

CORE SKILLS

Quantitative & Data Literacy: 3 credits from QD courses 0

Writing & Information Literacy I: 3 credits from WIL1 courses 0

Writing & Information Literacy Tier 2: 3 credits from WIL2 -or- OC courses 3

COMMON GROUND VALUES

Diversity: 6 credits from D1 or D2 courses, including at least 3 D1 credits 6

Sustainability: 3 credits from SU courses 0

Global Citizenship: 3 credits from GC1 or GC2 courses 3

*Credits needed in excess of required courses for the major

CALS B.S. requirements (6 credits)**Credits**CALS 1010 Foundations *or* 3

CALS 2830 Communication Methods

CALS 1020 Foundations *or* 3

CALS 1850 Computer Applications

ELDP core (48 credits)**Credits****

ENGL 1001 Written Expression (FWIL1) or equivalent 3

4

BIOL 1450 Principles of Biology 2 (N2) *or* BCOR 1400 Exploring Biology 1 (N2)MATH 1034 Pre-Calculus (QR) *or* 3MATH 1077 Exploring Modern Mathematics (QR) *or*MATH 1212 Fundamentals of Calculus (QR) *or*

MATH 1234 Calculus I (QR)

NR 2030 Ecology, Ecosystems & Environment (N1) *or* 3

BCOR 2100 (N2, SU)

STAT 1110 Elements of Statistics (QD, QR) *or* 3

STAT 1410 Basic Statistical Methods (QD, QR)

ALE 1100 Home and Garden Horticulture 3

ALE 1150 Home and Garden Horticulture Lab (not required to take concurrently) 1

CDAE 1010 Drafting Design I 3

ALE 1370 Introduction to Ecological Planning (formerly Living Landscapes, N1, SU)) 3

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and Environment

ELDP core, cont. (48 credits)	Credits**
ALE 2250 Woody Landscape Plants	3
ALE 2260 Herbaceous Landscape Plants	3
ALE 2370 Landscape Design Fundamentals	3
ALE 2371 Landscape Design Studio	3
ALE 2610 Fundamentals of Soil Science (SU)	4
ALE 3030 Planting Design Studio	3
ALE 3380 Ecological Landscape Design	4
ALE 2991 Capstone - Internship, undergraduate research, or independent study	3
ALE 2810 Professional Development	1

Horticulture Concentration (18 credits)

COURSES (Choose a minimum of 18 credits from the following options)	Credits
ALE 1210 Introduction to Agroecology (N1, SU)	3
ALE 1360 Illustrating Botanicals	3
ALE 2060 Entomology and Pest Management	4
ALE 2120 Weed Ecology and Management	3
ALE 2170 Plant Pathology	4
ALE 2270 Greenhouse Management	4
ALE 2380 Commercial Plant Propagation	4
ALE 2560 Permaculture (N1, SU)	3
ALE 2620 Soil Fertility and Conservation	3
ALE 3400 Landscape Construction & Technologies	3
PBIO 2040 Plant Physiology (N2)	4
CHEM 1100 Outline of General Chemistry with Lab (N2, QD)	4

Planning & Design Concentration (18 credits)

COURSES (Choose a minimum of 18 credits from the following options)	Credits
ALE 1210 Intro to Agroecology (N1, SU)	3
ALE 1360 Illustrating Botanicals	3
ALE 2560 Permaculture (N1, SU)	3
ALE 2620 Soil Fertility and Conservation	3
ALE 3400 Landscape Construction & Technologies	3
ALE 3450 Urban Landscape Design Studio	3
ALE 3500 Landscape Planning Global Studio	3
CDAE 1170 Digital Illustration	3
CDAE 2010 Drafting Design II	3
CDAE 3760 Community Design Studio	3
NR 2430 Geographic Information systems	4
CHEM 1100 General Chemistry (N2, QD,)	4

CALS credits	6
Credits required for major core	53
Catamount Core credits unaccounted for in requirements	24
Concentration credits (minimum)	18
Total credits	101



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