Mission Statement

Our aim at Brigham Young University-Idaho Horticulture Department is to nurture understanding of both the art and science of Horticulture. Students learn experientially in the classroom, laboratory, greenhouse, and ten-acre Thomas E. Ricks demonstration garden as they pursue an Associates or Bachelors Degree. Using the medium of plants, students develop habits of hard work, enlightened minds, and healthy living that assist in gainful employment opportunities.

Career Opportunities

The Department is a recognized leader in horticulture education preparing students for expanding career opportunities with nurseries, garden centers, florist’s shops, floral wholesalers, plant and flower brokers, landscape contractors, lawn service companies, interiorscape companies, greenhouses, golf courses, parks, botanical gardens, and horticulture supply companies. Demand for graduates is strong and most students can choose from several job offers throughout the nation.

Students who seek advanced degrees find opportunities in horticulture teaching, research, extension education, and government service.

Horticulture majors can choose from four emphasis areas:

• Landscape Management: experience hands-on management of established landscapes with emphasis on turf grass, trees, shrubs, and flowers.

• Floral Design: provides training in retail and wholesale floral marketing, wedding and event flowers, and retail floristry.

• Design Build: emphasizes the design and installation of landscapes, sprinkler systems, and application of bidding processes.

• Production: focuses on the retail/wholesale horticulture markets of nursery, garden center, vegetable/fruit and greenhouse operations. Courses which develop skills in home gardening, floral design and landscape beautification are available to the general student body.

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Horticulture
### Horticulture: Brigham Young University-Idaho 2007-2008

#### AAS in Floral Design Management

**Basic Education Requirements**

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<thead>
<tr>
<th>C. Communication</th>
<th>B. Composition</th>
<th>H. Human Relations</th>
<th>IV. Related Skills</th>
<th>Religion Requirement</th>
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<td>CRT 140</td>
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**Total Basic Skills Credits=18**

#### Major Requirements

**No Double Counting of Major Courses**

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<thead>
<tr>
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#### Program Notes

- If Hort 233 is taken, you must also take 200L.  If Hort 121 is taken, you must also take 100L.
- Take 2 courses in each of the following fields:
  - Horticulture: HORT 101, 201, 260
  - Agriculture: AGRS 101, 201, 210
  - Business Administration: BUS 101, 201

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### Notes:

- No Double Counting of Major Courses
- Total Major Credits=45
- The major is available on the following major:.
- Fall Winter - YES
- Winter Semester - YES
- Winter: Fall - NO

---

### Total Basic Skills Credits=18

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### Total Major Credits=45

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### Notes:

- No Double Counting of Major Courses
- Total Major Credits=45
- The major is available on the following major:.
- Fall Winter - YES
- Winter Semester - YES
- Winter: Fall - NO

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### Brigham Young University-Idaho 2007-2008

**AAS in Horticulture**

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#### Religion Requirement

**Take 4 courses**

- REL 101
- REL 102
- REL 201
- REL 301

#### Major Requirements

**No Double Counting of Major Courses**

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**AAS in Horticulture Management**

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#### Religion Requirement

**Take 4 courses**

- REL 101
- REL 102
- REL 201
- REL 301

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#### Total GE Credits: 46

### Major Requirements

#### No Double Counting of Major Courses

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Total Major Credits: 45

This major also requires a minor or 2 clusters

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### Major Requirements

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<td>Total GE Credits=16</td>
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### Major Requirements

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<tr>
<td>Horticulture (3)</td>
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<td>Total Major Credits=60</td>
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### No Double Counting of Major Courses

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BS in Horticulture
Landscape Management Emphasis

I. Reading and Writing
Take these courses: (All HEB 101-102 or ENGL 101-102)
HEB 202 3

II. Mathematics
Take these courses: (MATH 119-120)
MATH 119 4
MATH 120 4

III. Physical Sciences
Take these courses: (PHYC 201-202)
PHYC 201 3
PHYC 202 3

IV. Biological Sciences
Take these courses: (All BIOL 101-102 or BIOC 101-102)
BIOL 101 3
BIOL 102 3

V. American Institutions
Take these courses: (All HIS 101-102)
HIS 101 3
HIS 102 3

V. Basic Skills
Take these courses: (All SPN 101-102)
SPN 101 2
SPN 102 2

VI. Arts
Take these courses: (All 120-121 and AND)
ART 120 3
ART 121 3

Total GE Credits=46

Major Requirements

No Double Counting of Major Courses

Take these courses: (All 350-351 or 352-353)
SOC 350 3
SOC 351 3
SOC 352 3
SOC 353 3

Take these courses: (All 354-355 or 356-357)
SOC 354 3
SOC 355 3
SOC 356 3
SOC 357 3

Take these courses: (All 358-359 or 360-361)
SOC 358 3
SOC 359 3
SOC 360 3
SOC 361 3

Take these courses: (All 362-363 or 364-365)
SOC 362 3
SOC 363 3
SOC 364 3
SOC 365 3

Take these courses: (All 366-367 or 368-369)
SOC 366 3
SOC 367 3
SOC 368 3
SOC 369 3

Take these courses: (All 370-371 or 372-373)
SOC 370 3
SOC 371 3
SOC 372 3
SOC 373 3

Take these courses: (All 374-375 or 376-377)
SOC 374 3
SOC 375 3
SOC 376 3
SOC 377 3

Total Major Credits=45

This major also requires a minor or 2 clusters.

This major is available in the following fields:

Computer Science — YES
Education — YES
General Studies — YES
Mathematics — YES
Science — YES
Social Sciences — YES

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HORT 287R Flower Center (1:0:2)
This is a one-credit course. No credit or class time is assigned. All Horticulture majors are required to enroll in Hort 95 each semester.
(Fall, Winter, Summer)

HORT 335
Prerequisite: Hort 335
Class preparation for work experience in the florist, landscape or retail employment. This course includes a lecture and lab experience.
(Winter)

HORT 320 Introduction to Architecture/Landscape Design (3:3:1)
Fullilv Gil: Arts requirement.
Fees: $100.00
Enhances the student’s understanding of the outdoor environment and how they can contribute to the quality of that environment through design and planning. Also a study of the history of landscape architecture and its effect on man.
(Fall, Winter, Summer)

HORT 320 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 320L Plant Propagation (0:0:3)
Application of principles taught in Hort 320
(Fall, Winter, Summer)

HORT 321 Landscape Materials I (2:1:0)
Identification, landscape value and cultural requirements of deciduous trees, shrubs, and ground covers.
(Fall, Summer)

HORT 321 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 322 Landscape Materials II (2:1:0)
Identification, landscape value, and special cultural requirements of evergreen trees, shrubs and ground covers. This course includes a lecture and lab experience.
(Winter)

HORT 322 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 323 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 324 Flower Identification (2:0:3)
Identification, landscape value, and special cultural requirements of annual and perennial flowers.
(Fall, Summer)

HORT 324 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 325 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 326 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 326L Plant Propagation (0:0:3)
Application of principles taught in Hort 326
(Fall, Winter, Summer)

HORT 327 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 328 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 329 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 335
Prerequisite: Hort 335
Class preparation for work experience in the florist, landscape or retail employment. This course includes a lecture and lab experience.
(Winter)

HORT 341 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 342 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 343 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 344 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 345 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 346 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 347 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 348 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 349 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 350 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 351 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 352 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 353 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 354 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 355 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 356 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 357 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 358 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 359 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 360 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 361 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 362 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 363 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 364 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 365 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 366 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 367 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 368 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 369 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
(Fall, Winter, Summer)

HORT 370 Special Problems (3:0:0)
Prerequisite: Consent of Instructor
The student may pursue a subject of interest through independent study under personal direction of a faculty specialist.
HORT 325 Interlocking (2:1:0)
Prerequisite: Hort 315
Identification of indoor plants and their culture. Principles of design as applied to the placement and use of plants. This course includes a lecture and lab experience. (Fall, Winter)

HORT 325 Interlocking Lab (0:0:2)
Prerequisite: Concurrent registration with Hort 325
Application of principles taught in Hort 325 (Fall)

HORT 329 Irrigation (2:2:0)
Prerequisite: Hort 230
Irrigation of turf and landscape plants. Design of irrigation and landscape lighting systems, with selection and assembly of components. (Winter)

HORT 338A Wedding Flowers Lab A (2:1:0)
Prerequisite: Hort 335 and FDM major
Provides the second year student with training in advanced bouquet construction, leadership, tokenboarding, and management of event planning. (Winter)

HORT 338C Wedding Flowers Lab C (2:2:0)
Prerequisite: Hort 338A
Provides the third year student with training in flower bouquet design, group designing for events, supervision, leadership. (Winter)

HORT 325 Interlocking Lab (0:0:2)
Prerequisite: Concurrent registration with Hort 325
Application of principles taught in Hort 325 (Fall)

HORT 329 Irrigation (2:2:0)
Prerequisite: Hort 230
Irrigation of turf and landscape plants. Design of irrigation and landscape lighting systems, with selection and assembly of components. (Winter)

HORT 338 Intermediate Landscape Design (3:3:1)
Prerequisite: Hort 320, Hort 321 or 322, Hort 440
Artistic and functional design of landscapes. (Winter)

HORT 334 Greenhouse Operations (2:2:0)
Prerequisite: Hort 320
Greenhouse construction, environmental control, pest control and plant culture including production of greenhouse floral crops. (Fall)

HORT 335 Flower Arranging (2:3:1)
Fee: $45.00
Instruction and care in handling of flowers, historical and current application, identification and use. (Fall, Winter, Summer)

HORT 335 Asian Design Influence (1:1:1)
Prerequisite: Hort 315
This course helps students understand the theories of Asian design influence, with particular emphasis on the use of line. Principles of Asian design and their influence on modern American floral design. (Winter)

HORT 333 European Design Influence (1:1:1)
Prerequisite: Hort 315
This course establishes a historical understanding of floral design primarily from the influences of Europe. (Winter)

HORT 338C Wedding Flowers Lab C (2:2:0)
Prerequisite: Hort 338A
Provides the third year student with training in flower bouquet design, group designing for events, supervision, leadership. (Winter)

HORT 338 Intermediate Landscape Design (3:3:1)
Prerequisite: Hort 320, Hort 321 or 322, Hort 440
Artistic and functional design of landscapes. (Winter)

HORT 334 Greenhouse Operations (2:2:0)
Prerequisite: Hort 320
Greenhouse construction, environmental control, pest control and plant culture including production of greenhouse floral crops. (Fall)

HORT 335 Flower Arranging (2:3:1)
Fee: $45.00
Instruction and care in handling of flowers, historical and current application, identification and use. (Fall, Winter, Summer)

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HORT 333 European Design Influence (1:1:1)
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HORT 338C Wedding Flowers Lab C (2:2:0)
Prerequisite: Hort 338A
Provides the third year student with training in flower bouquet design, group designing for events, supervision, leadership. (Winter)

HORT 338 Intermediate Landscape Design (3:3:1)
Prerequisite: Hort 320, Hort 321 or 322, Hort 440
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Prerequisite: Hort 320, Hort 321 or 322, Hort 440
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HORT 338C Wedding Flowers Lab C (2:2:0)
Prerequisite: Hort 338A
Provides the third year student with training in flower bouquet design, group designing for events, supervision, leadership. (Winter)

HORT 338 Intermediate Landscape Design (3:3:1)
Prerequisite: Hort 320, Hort 321 or 322, Hort 440
Artistic and functional design of landscapes. (Winter)

HORT 334 Greenhouse Operations (2:2:0)
Prerequisite: Hort 320
Greenhouse construction, environmental control, pest control and plant culture including production of greenhouse floral crops. (Fall)

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Fee: $45.00
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Prerequisite: Hort 338A
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Prerequisite: Hort 320, Hort 321 or 322, Hort 440
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HORT 338C Wedding Flowers Lab C (2:2:0)
Prerequisite: Hort 338A
Provides the third year student with training in flower bouquet design, group designing for events, supervision, leadership. (Winter)

HORT 338 Intermediate Landscape Design (3:3:1)
Prerequisite: Hort 320, Hort 321 or 322, Hort 440
Artistic and functional design of landscapes. (Winter)
HORT 436 Competition Design and Commentation (1:1:1)
Fee: $20.00
Prerequisite: Hort 336, 337, 338, 435, FDM major
Developing freestyle and structured designs from various materials for competitive designing and judging.
(Winter)

HORT 437 Interpretive Design (1:1:1)
Fee: $20.00
Prerequisite: Hort 336, 337, 338, 435, FDM major
Final evaluation of the student’s ability to assess proper design interpretations, artistic dimensions of the student’s preparation and training, fluency with the language of flowers, and product knowledge.
(Winter)

HORT 440 Landscape Computer Operations (2:1:2)
Prerequisite: Hort 230, Hort 321 OR Hort 322
Application of specific computer software programs that are commonly used in the horticulture industry; including sprinkler design, landscape design, bidding and estimating, GPS, and the internet.
(Winter)

HORT 455 Nursery Management (2:1:2)
Prerequisite: Hort 320, Agron 220
This course will focus on the development, organization, infrastructure, and operation of a production nursery. This will cover production principles and practices and strategies for wholesale and retail marketing of nursery crops. The laboratory will concentrate on the development of skills associated with the production and marketing of nursery crops.
(Winter)

HORT 460 Cut Flower Crops (2:1:2)
Prerequisite: Hort 320, Agron 220
Commercial production, harvesting, marketing, and scheduling of cut flower crops.
(Fall, Summer)

HORT 461 Potted Plant Crops (2:1:2)
Prerequisite: Hort 320, Agron 220
Commercial production, harvesting, marketing, and scheduling of bedding plants and potted commercial crops.
(Winter)

HORT 470 Vegetables and Fruit Production (2:1:2)
Prerequisite: Hort 297
Principles and practical applications for fruit and vegetable establishment, culture, production, storage, and economics.
(Fall, Summer)