

Department of

Horticulture



Jerry Toll, Department Chair

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<http://www.byui.edu/horticulture/>*

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.

AAS in Floral Design Management

Basic Education Requirements

I. Communication:	II. Computation:	III. Human Relations:	IV. Related Skills:	Religion Requirement:
<i>Take 1 course:</i>	<i>Take 1 course:</i>	<i>Take 1 course:</i>	<i>Take 1 course:</i>	<i>Take 4 credits:</i>
ENG 111 3	MATH 108 3	B 370 3	CIT 140 3	REL 121 2
ENG 111C 3	MATH 110 3			REL 122 2
	MATH 112 4			REL 221 4
	MATH 221 3			AND
				<i>Take 3 credits:</i>
				REL 100 2
				REL 130 2
				REL 211 3
				REL 234 2
				REL 261 2
				REL 264 2
				REL 301 3
				REL 301H 3
				REL 302 3
				REL 302H 3
				REL 324 3
				REL 333 2
				REL 341 2
				REL 342 3
				REL 351 2
				REL 352 2
				REL 370 2
				REL 431 2
				REL 471 3
				REL 475 2

Total Basic Skills Credits=18

Major Requirements

No Double Counting of Major Courses

<i>Take these courses:</i>	Take 1 Course:	<i>Take 11 credits:</i>	<i>Program Notes:</i>
<i>(Hort 325L must be taken with Hort 325)--(Hort 338 must be taken twice)--(Hort 095 must be taken each semester)</i>	ART 101 3	<i>(If Hort 220 is taken, you must also take 220L. If Hort 412 is taken, you must also take 412L.)</i>	
ACCTG 180 3	HFED 140 3	AGBUS 232 3	CA 132 2
HORT 287R 1	HORT 230 3	AGRON 122 4	HFED 110 2
HORT 288 0.5	<u> 3</u>	AGRON 220 3	HFED 140 3
HORT 297 1	Repeat 3 times:	AGRON 220L 1	HORT 201 2
HORT 320 3	HORT 299 0.5	ART 101 3	HORT 230 3
HORT 324 2	<u> 1.5</u>	ART 102 2	HORT 287R 1
HORT 325 2	Take this course for 3 credits:	ART 103 2	HORT 290 1-3
HORT 335 3	HORT 298R 1-5	ART 110 3	HORT 297 1
HORT 336 1	<u> 3</u>	ART 160 3	HORT 334 3
HORT 337 1	Take this course for 2 credits:	ART 220 3	HORT 412 3
HORT 338A 2	HORT 338 1-2	ART 280 3	ID 102 3
HORT 338B 2	<u> 2</u>	AUTO 100 2	ID 404 3
HORT 435 3		B 247 3	SIGN 101 3
<u> 24.5</u>		B 275 3	SPAN 101 4
		BIO 208 4	<u> 11</u>
		CA 131 2	

Cont next column

Total Major Credits=45

This major is available on the following tracks:

Fall-Winter---- YES

Winter-Summer---- YES

Summer-Fall---- NO

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AAS in Horticulture Management

Basic Education Requirements

I. Communication:	II. Computation:	III. Human Relations:	IV. Related Skills:	Religion Requirement:
Take 1 course:	Take 1 course:	Take 1 course:	Take 1 course:	Take 4 credits:
ENG 111 3	MATH 108 3	B 370 3	CIT 140 3	REL 121 2
ENG 111C 3	MATH 110 3			REL 122 2
	MATH 112 4			REL 221 4
	MATH 221 3			AND
				Take 3 credits:
				REL 100 2
				REL 130 2
				REL 211 3
				REL 234 2
				REL 261 2
				REL 264 2
				REL 301 3
				REL 301H 3
				REL 302 3
				REL 302H 3
				REL 324 3
				REL 333 2
				REL 341 2
				REL 342 3
				REL 351 2
				REL 352 2
				REL 370 2
				REL 431 2
				REL 471 3
				REL 475 2

Total Basic Skills Credits=18

Major Requirements

No Double Counting of Major Courses

	Take 1 course:	Take 15 credits:	Program Notes:
Take these courses:	Take 1 course:	Take 15 credits:	
<i>(Hort 321L must be taken with 321. Hort 322L must be taken with 322. Hort 412L must be taken with 412)-(Hort 095 must be taken each</i>	AGRON 122 4	<i>(If Hort 325 is taken, you must also take 325L.)</i>	
ACCTG 180 3	BIO 208 4	AGBUS 232 3	
AGRON 220 3		AGRON 122 4	
AGRON 220L 1	Repeat 3 times:	AGSYS 220 3	
HORT 230 3	HORT 299 0.5	AGSYS 240 3	
HORT 288 0.5		B 247 3	
HORT 321 2	Take this course for 3 credits:	BIO 208 4	
HORT 322 2	HORT 298R 1-5	HORT 201 2	
HORT 324 2		HORT 252 4	
HORT 351 2		HORT 290 1-3	
HORT 412 3		HORT 297 1	
<u>21.5</u>		HORT 319 3	
		HORT 320 3	
		HORT 325 2	
		HORT 329 3	
		HORT 330 3	
		HORT 334 3	
		HORT 335 3	
		HORT 338 1-2	
		HORT 338A 2	
		HORT 351 2	
		<u>15</u>	

Total Major Credits=45

This major is available on the following tracks:

Fall-Winter---- YES

Winter-Summer---- YES

Summer-Fall---- NO

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BS in Horticulture Design Build Emphasis

General Education Requirements

I. Reading and Writing:	V. Letters:	VI. Biological Science:	IX. Social Science:	Religion Requirement:
Take 1 course:	Take 1 course:	Take 4 credits	Take 1 course:	(Book of Mormon)
ENG 111 3	CHIN 347 3	AGRON 122 4	ANTH 101 3	Take these courses:
ENG 111C 3	ENG 250 3	BIO 208 4	CHILD 210 3	REL 121 2
AND	ENG 251 3		ECON 111 3	REL 122 2
Take 1 course:	ENG 331 3	VII. Physical Science:	ECON 112 3	OR
ENG 311 3	ENG 332 3	Take 4 credits	ED 270 3	Take this course:
ENG 311C 3	ENG 333 3	AGRON 220 3	GEOG 120 3	REL 221 4
ENG 315 3	ENG 334 3	AGRON 220L 1	HIST 201 3	AND
ENG 315C 3	ENG 335 3		HIST 202 3	(Scripture Based Courses)
ENG 316 3	ENG 351 3	VIII. American Institution	PHIL 203 3	Take 6 credits
ENG 316C 3	ENG 352 3	Take 1 course:	PHIL 204 3	REL 211 3
	ENG 353 3	ECON 111 3	PHIL 210 3	REL 212 2
II. Mathematics:	ENG 354 3		POLSC 110 3	REL 301 3
Take 1 course:	ENG 362 3		POLSC 170 3	REL 301H 3
MATH 108 3	ENG 373 3		PSYCH 111 3	REL 302 3
MATH 110 3	FR 202 3		PSYCH 201 3	REL 302H 3
MATH 111 2	GER 202 3		SOC 111 3	REL 324 3
MATH 112 4	LANG 202 3		SOC 112 3	AND
MATH 113 3	PH 314 3			(Other Religion Courses)
MATH 119 4	PHIL 110 3			Take 4 credits
MATH 214 3	PHIL 201 3			REL 100 2
MATH 221 3	PHIL 202 3			REL 130 2
MATH 306 3	PHIL 313 3			REL 215 2
	PHIL 314 3			REL 234 2
III. Basic Skills:	PHIL 315 3			REL 235 2
Take 1 course:	RUSS 340 3			REL 261 2
CIT 140 3	SPAN 202 3			REL 264 2
	SPAN 302 3			REL 333 2
IV. Arts:				REL 341 2
Take 1 course:				REL 342 3
HORT 230 3				REL 351 2
AND				REL 352 2
FA 100 0-1				REL 360 4
				REL 370 2
				REL 431 2
				REL 471 3
				REL 475 2
Total GE Credits=46				

Major Requirements

No Double Counting of Major Courses

Take these courses:	Take these courses:	Take 3 credits:	Program Notes:
<i>(Hort 412L must be taken with 412)-(Hort 095 must be taken every semester)</i>	<i>(Hort 321L must be taken with 321. Hort 322L must be taken with 322.)</i>	<i>(If Hort 325 is taken, you must also take 325L.)</i>	
HORT 201 2	AGSYS 240 3	AGBUS 232 3	HORT 410 3
HORT 288 0.5	HORT 252 4	AGSYS 220 3	HORT 420 3
HORT 297 1	HORT 321 2	HORT 290 1-3	HORT 455 2
HORT 320 3	HORT 322 2	HORT 311 2	HORT 460 2
HORT 335 3	HORT 324 2	HORT 319 3	HORT 461 2
HORT 412 3	HORT 329 2	HORT 325 2	HORT 470 2
12.5	HORT 330 3	HORT 334 3	3
	HORT 336 1	HORT 337 1	
Repeat 3 Times:	HORT 351 2	HORT 338 1-2	
HORT 299 0.5	HORT 440 2	HORT 338A 2	
1.5	HORT 453 3	HORT 350R 1	
	25	<i>Cont next column</i>	
Take this course for 3 credits:			
HORT 298R 1-5			
3			
Total Major Credits=45			

This major also requires a minor or 2 clusters

This major is available on the following tracks:

Fall-Winter---- YES

Winter-Summer---- YES

Summer-Fall---- YES

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BS in Horticulture Production Emphasis

General Education Requirements

I. Reading and Writing: <i>Take 1 course</i>	V. Letters: <i>Take 1 course</i>	VI. Biological Science: <i>Take 4 credits</i>	IX. Social Science: <i>Take 1 course</i>	Religion Requirement: (Book of Mormon)
ENG 111 3	CHIN 347 3	AGRON 122 4	ANTH 101 3	Take these courses:
ENG 111C 3	ENG 250 3	BIO 208 4	CHILD 210 3	REL 121 2
AND	ENG 251 3		ECON 111 3	REL 122 2
<i>Take 1 course</i>	ENG 331 3	VII. Physical Science:	ECON 112 3	OR
ENG 311 3	ENG 332 3	<i>Take 4 credits</i>	ED 270 3	Take this course:
ENG 311C 3	ENG 333 3	AGRON 220 3	GEOG 120 3	REL 221 4
ENG 315 3	ENG 334 3	AGRON 220L 1	HIST 201 3	AND
ENG 315C 3	ENG 335 3		HIST 202 3	(Scripture Based Courses)
ENG 316 3	ENG 351 3	VIII. American Institution	PHIL 203 3	Take 6 credits
ENG 316C 3	ENG 352 3	<i>Take 1 course</i>	PHIL 204 3	REL 211 3
	ENG 353 3	ECON 111 3	PHIL 110 3	REL 212 2
II. Mathematics:	ENG 354 3		POLSC 110 3	REL 301 3
<i>Take 1 course</i>	ENG 362 3		POLSC 170 3	REL 301H 3
MATH 108 3	ENG 373 3		PSYCH 111 3	REL 302 3
MATH 110 3	FR 202 3		PSYCH 201 3	REL 302H 3
MATH 111 2	GER 202 3		SOC 111 3	REL 324 3
MATH 112 4	LANG 202 3		SOC 112 3	AND
MATH 113 3	PH 314 3			(Other Religion Courses)
MATH 119 4	PHIL 110 3			Take 4 credits
MATH 214 3	PHIL 201 3			REL 100 2
MATH 221 3	PHIL 202 3			REL 130 2
MATH 306 3	PHIL 313 3			REL 215 2
	PHIL 314 3			REL 234 2
III. Basic Skills:	PHIL 315 3			REL 235 2
<i>Take 1 course</i>	RUSS 340 3			REL 261 2
CIT 140 3	SPAN 202 3			REL 264 2
	SPAN 302 3			REL 333 2
IV. Arts:				REL 341 2
<i>Take 1 course</i>				REL 342 3
HORT 230 3				REL 351 2
AND				REL 352 2
<i>Take this course:</i>				REL 360 4
FA 100 0-1				REL 370 2
				REL 431 2
				REL 471 3
				REL 475 2

Total GE Credits=46

Major Requirements

No Double Counting of Major Courses

<i>Take these courses:</i>	<i>Take these courses:</i>	<i>Take 2 credits:</i>		<i>Program Notes:</i>
<i>(Hort 412L must be taken with 412)-(Hort 095 must be taken every semester)</i>	<i>(Hort 321L must be taken with 321. Hort 322L must be taken with 322)</i>	AGSYS 220 3	HORT 350R 1	
HORT 201 2	AGBUS 232 3	AGSYS 240 3	HORT 351 2	
HORT 288 0.5	HORT 290 1	HORT 252 4	HORT 410 3	
HORT 297 1	HORT 321 2	HORT 290 1-3	HORT 440 2	
HORT 320 3	HORT 322 2	HORT 311 2	HORT 453 3	
HORT 335 3	HORT 324 2	HORT 319 3	2	
HORT 412 3	HORT 325 2	HORT 329 2		
12.5	HORT 334 3	HORT 330 3		
Repeat 3 Times:	HORT 420 3	HORT 336 1		
HORT 299 0.5	HORT 455 2	HORT 337 1		
1.5	HORT 460 2	HORT 338 1-2		
Take this course for 3 credits:	HORT 461 2	HORT 338A 2		
HORT 298R 1-5	HORT 470 2	<i>Cont next column</i>		
3	26			

Total Major Credits=45

This major also requires a minor or 2 clusters

This major is available on the following tracks:

Fall-Winter---- YES

Winter-Summer---- YES

Summer-Fall---- NO

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BS in Horticulture Floral Design Emphasis

General Education Requirements

I. Reading and Writing:	V. Letters:	VI. Biological Science:	IX. Social Science:	Religion Requirement:
Take 1 course:	Take 1 course:	Take 4 credits:	Take 1 course:	(Book of Mormon)
ENG 111 3	CHIN 347 3	AGRON 122 4	ANTH 101 3	Take these courses:
ENG 111C 3	ENG 250 3	BIO 208 4	CHILD 210 3	REL 121 2
AND	ENG 251 3		ECON 111 3	REL 122 2
Take 1 course:	ENG 331 3	VII. Physical Science:	ECON 112 3	OR
ENG 311 3	ENG 332 3	Take 4 credits:	ED 270 3	Take this course:
ENG 311C 3	ENG 333 3	AGRON 220 3	GEOG 120 3	REL 221 4
ENG 315 3	ENG 334 3	AGRON 220L 1	HIST 201 3	AND
ENG 315C 3	ENG 335 3		HIST 202 3	(Scripture Based Courses)
ENG 316 3	ENG 351 3	VIII. American Institution	PHIL 203 3	Take 6 credits:
ENG 316C 3	ENG 352 3	Take 1 course:	PHIL 204 3	REL 211 3
	ENG 353 3	ECON 111 3	PHIL 210 3	REL 212 2
II. Mathematics:	ENG 354 3		POLSC 110 3	REL 301 3
Take 1 course:	ENG 362 3		POLSC 170 3	REL 301H 3
MATH 108 3	ENG 373 3		PSYCH 111 3	REL 302 3
MATH 110 3	FR 202 3		PSYCH 201 3	REL 302H 3
MATH 111 2	GER 202 3		SOC 111 3	REL 324 3
MATH 112 4	LANG 202 3		SOC 112 3	AND
MATH 113 3	PH 314 3			(Other Religion Courses)
MATH 119 4	PHIL 110 3			Take 4 credits:
MATH 214 3	PHIL 201 3			REL 100 2
MATH 221 3	PHIL 202 3			REL 130 2
MATH 306 3	PHIL 313 3			REL 215 2
	PHIL 314 3			REL 234 2
III. Basic Skills:	PHIL 315 3			REL 235 2
Take 1 course:	RUSS 340 3			REL 261 2
CIT 140 3	SPAN 202 3			REL 264 2
	SPAN 302 3			REL 333 2
IV. Arts:				REL 341 2
Take 1 course:				REL 342 3
HORT 230 3				REL 351 2
AND				REL 352 2
Take this course:				REL 360 4
FA 100 0-1				REL 370 2
				REL 431 2
				REL 471 3
				REL 475 2

Total GE Credits=46

Major Requirements

No Double Counting of Major Courses

Take these courses:	Take these courses:	Take 5 credits:	Take this course for 1 credit:
<i>(Hort 412L must be taken with 412)-(Hort 095 must be taken every semester)</i>	<i>(Hort 325L must be taken with 325)</i>	<i>(If Hort 321 is taken, you must also take 321L. If Hort 322 is taken, you must also take 322L.)</i>	
HORT 201 2	HORT 287R 1	AGBUS 232 3	HORT 290 1-3
HORT 288 0.5	HORT 324 2	AGSYS 220 3	1
HORT 297 1	HORT 325 2	AGSYS 240 3	Repeat 3 times:
HORT 320 3	HORT 336 1	HORT 252 4	HORT 338 1
HORT 335 3	HORT 337 1	HORT 287R 1	3
HORT 412 3	HORT 338A 2	HORT 290 1-3	
12.5	HORT 338B 2	HORT 311 2	Program Notes:
Repeat 3 Times:	HORT 338C 2	HORT 319 3	
HORT 299 0.5	HORT 339R 1	HORT 321 2	
1.5	HORT 435 3	HORT 322 2	
Take this course for 3 credits:	HORT 436 1	HORT 329 2	
HORT 298R 1-5	HORT 437 1	HORT 330 3	
3	19	HORT 334 3	
		<i>Cont next column</i>	

Total Major Credits=45

This major also requires a minor or 2 clusters

This major is available on the following tracks:

Fall-Winter---- YES

Winter-Summer---- YES

Summer-Fall---- NO

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BS in Horticulture Landscape Management Emphasis

General Education Requirements

I. Reading and Writing:	V. Letters:	VI. Biological Science:	IX. Social Science:	Religion Requirement:
Take 1 course:	Take 1 course:	Take 4 credits:	Take 1 course:	(Book of Mormon)
ENG 111 3	CHIN 347 3	AGRON 122 4	ANTH 101 3	Take these courses:
ENG 111C 3	ENG 250 3	BIO 208 4	CHILD 210 3	REL 121 2
AND	ENG 251 3		ECON 111 3	REL 122 2
Take 1 course:	ENG 331 3	VII. Physical Science:	ECON 112 3	OR
ENG 311 3	ENG 332 3	Take 4 credits:	ED 270 3	Take this course:
ENG 311C 3	ENG 333 3	AGRON 220 3	GEOG 120 3	REL 221 4
ENG 315 3	ENG 334 3	AGRON 220L 1	HIST 201 3	AND
ENG 315C 3	ENG 335 3		HIST 202 3	(Scripture Based Courses)
ENG 316 3	ENG 351 3	VIII. American Institution	PHIL 203 3	Take 6 credits:
ENG 316C 3	ENG 352 3	Take 1 course:	PHIL 204 3	REL 211 3
	ENG 353 3	ECON 111 3	PHIL 210 3	REL 212 2
II. Mathematics:	ENG 354 3		POLSC 110 3	REL 301 3
Take 1 course:	ENG 362 3		POLSC 170 3	REL 301H 3
MATH 108 3	ENG 373 3		PSYCH 111 3	REL 302 3
MATH 110 3	FR 202 3		PSYCH 201 3	REL 302H 3
MATH 111 2	GER 202 3		SOC 111 3	REL 324 3
MATH 112 4	LANG 202 3		SOC 112 3	AND
MATH 113 3	PH 314 3			(Other Religion Courses)
MATH 119 4	PHIL 110 3			Take 4 credits:
MATH 214 3	PHIL 201 3			REL 100 2
MATH 221 3	PHIL 202 3			REL 130 2
MATH 306 3	PHIL 313 3			REL 215 2
	PHIL 314 3			REL 234 2
III. Basic Skills:	PHIL 315 3			REL 235 2
Take 1 course:	RUSS 340 3			REL 261 2
CIT 140 3	SPAN 202 3			REL 264 2
	SPAN 302 3			REL 333 2
IV. Arts:				REL 341 2
Take 1 course:				REL 342 3
HORT 230 3				REL 351 2
AND				REL 352 2
Take this course:				REL 360 4
FA 100 0-1				REL 370 2
				REL 431 2
				REL 471 3
				REL 475 2
Total GE Credits=46				

Major Requirements

No Double Counting of Major Courses

Take these courses:	Take these courses:	Take 5 credits:	Program Notes:
<i>(Hort 412L must be taken with 412)-(Hort 095 must be taken every semester)</i>	<i>(Hort 321L must be taken with 321. Hort 322L must be taken with 322)</i>	<i>(If Hort 325 is taken, you must also take 325L.)</i>	
HORT 201 2	AGSYS 220 3	AGBUS 232 3	HORT 455 2
HORT 288 0.5	HORT 252 4	AGSYS 240 3	HORT 460 2
HORT 297 1	HORT 319 3	HORT 290 1-3	HORT 461 2
HORT 320 3	HORT 321 2	HORT 311 2	HORT 470 2
HORT 335 3	HORT 322 2	HORT 325 2	5
HORT 412 3	HORT 324 2	HORT 330 3	
12.5	HORT 329 2	HORT 334 3	
Repeat 3 Times:	HORT 351 2	HORT 336 1	
HORT 299 0.5	HORT 410 3	HORT 337 1	
1.5		HORT 338 1-2	
Take this course for 3 credits:		HORT 338A 2	
HORT 298R 1-5		HORT 350R 1	
3		HORT 420 3	
		HORT 440 2	
		HORT 453 3	
		<i>Cont next column</i>	
Total Major Credits=45			

This major also requires a minor or 2 clusters

This major is available on the following tracks:

Fall-Winter---- YES

Winter-Summer---- YES

Summer-Fall---- NO

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Course Descriptions

Credits*

- HORT 095 Lab (0:1:0)**
This is a fee only course. No credit or class time is assigned. All Horticulture majors are required to enroll in Hort 95 each semester
(Fall, Winter, Summer)
- HORT 103 Home Gardening (3:2:2)**
Fee: \$10.00
Learn basic principles, culture and production of vegetables, fruits, flowers, trees, shrubs, and turf, as it relates to the home garden and self-reliance. (For non-Hort majors only) This course includes a lecture and lab experience.
(Winter)
- HORT 103L Home Gardening Lab (0:2:0)**
Prerequisite: Concurrent registration with Hort 103
Application of principles taught in Hort 103
(Winter)
- HORT 115 Orientation (0.5:1:0)**
A survey of career opportunities and skills needed in the horticulture industry. Emphasis is placed on gaining familiarity with the BYU-Idaho campus and systems of learning at the university level.
(Fall)
- HORT 201 Plant Culture (3:2:2)**
Planting and establishment of horticultural plants in the landscape including lawns, trees, shrubs, vegetables, fruits and flowers.
(Winter)
- HORT 230 Introduction to Architecture/Landscape Design (3:3:1)**
Fulfills GE Arts requirement.
Fee: \$10.00
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 252 Landscape Construction (4:0:6)**
Prerequisite: Hort 130, Hort 230, LHM major or consent of Instructor.
A practical course of layout and construction techniques for landscape projects. Considered are masonry, wood structures, irrigation and plant installations.
(Fall, Summer)
- HORT 287R Flower Center (1:0:2)**
Prerequisite: Hort 335
This course provides training and experience in presentation of flowers in: display windows and coolers, large banquet halls, auditoriums, custom design in residential and commercial settings. Florals skills, shop management techniques, and floral nomenclature are all emphasized. The class is provided as an opportunity to reinforce principles learned in the various floral classes, and to prepare students for internship and retail employment.
(Fall, Winter, Summer)
- HORT 288 Occupational Internship Preparation (0.5:0:0)**
Prerequisite: Bio 208 or Agron 122, 16 additional credits in Horticulture. Horticulture major or consent of Instructor.
Class preparation for work experience in the florist, landscape or nursery industry.
(Winter)

- HORT 290 Special Problems (1-3:0:0)**
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 297 Practicum in Horticulture (1:1:2)**
Prerequisite: (repeatable up to four credit hours)
Horticulture Majors. Supervised practical experience for the development and improvement of horticultural skills.
(Fall, Winter)
- HORT 298R Occupational Internship (1:5:0:0)**
Prerequisite: Bio 208 or Agron 122, 16 additional credits in horticulture.
Work experience in the florist, landscape or nursery industry.
(Fall, Winter, Summer)
- HORT 299 Seminar (0:5:0:0)**
Guest lectures from industry leaders.
(Fall, Winter, Summer)
- HORT 311 Introduction to Arboriculture (2:1:2)**
Establishment, culture and maintenance of trees and shrubs in the landscape.
(Fall, Winter)
- HORT 319 Landscape Management (3:2:3)**
Prerequisite: Agron 122 or Biology 208.
Maintenance of trees, shrubs and turf in landscape, park, golf and athletic areas.
(Fall, Summer)
- HORT 320 Plant Propagation (3:2:0)**
Prerequisite: Ag 122 OR Bio 208.
Principles and practices used in commercial propagation of plants with emphasis on landscape nursery stock. Includes tissue culture, seed germination, grafting, layering, budding, cuttings and other specialized techniques.
(Fall, Winter)
- HORT 320L Plant Propagation (0:0:3)**
Application of principles taught in Hort 320
(Fall, Winter)
- HORT 321 Landscape Plant Materials I (2:1:0)**
Identification, landscape value and cultural requirements of deciduous trees, shrubs, and ground covers.
(Fall)
- HORT 321L Landscape Plant Materials I (0:0:2)**
Prerequisite: Concurrent registration with Hort 321
Application of principles taught in Hort 321
(Fall, Summer)
- HORT 322 Landscape Plant 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 322L Landscape Plant Materials II (0:0:2)**
Prerequisite: Concurrent registration with Hort 322
Application of principles taught in Hort 322
(Winter)
- HORT 324 Flower identification (2:0:3)**
Identification, landscape value, and special cultural requirements of annual and perennial flowers.
(Fall, Summer)

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Brigham Young University-Idaho 2007-2008

HORT 325 Interiorscaping (2:1:0) 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 338B Wedding Flowers Lab B (2:1:1) Prerequisite: Hort 338A Provides the second year student with training in advanced bouquet construction, leadership, teambuilding, and management of event planning. (Winter)
HORT 325L Interiorscaping Lab (0:0:2) Prerequisite: Concurrent registration with Hort 325 Application of principles taught in Hort 325 (Fall)	HORT 338C Wedding Flowers Lab C (2:2:0) Prerequisite: Hort 338A Provides the third year student with training in freestyle bouquet design, group designing for events, supervisory leadership. (Winter)
HORT 329 Irrigation (3:2:2) Prerequisite: Hort 230 Irrigation of turf and landscape plants. Design of irrigation and landscape lighting systems, with selection and assembly of components. (Winter)	HORT 350R ALCA Career Days (1:1:0) Prerequisite: Consent of Instructor. This is a course for students selected to participate in the yearly ALCA Career Days field excursion with the Horticulture Department. The course is designed to assist students with their preparations to communicate with potential employers during the career day events. Students also are given special attention in perfecting practical skills that they have been taught throughout their tenure at the University. (Winter)
HORT 330 Intermediate Landscape Design (3:3:1) Prerequisite: Hort 230, Hort 321 or 322, Hort 440 Artistic and functional design of landscapes. (Winter)	HORT 351 Landscape Contracting (2:1:2) Prerequisite: Hort 230 Estimating, bidding, and contracting procedures for landscape construction, and maintenance projects. A hands-on approach to bidding and estimating jobs for the Green Industry. (Winter)
HORT 334 Greenhouse Operations (3:2:3) Prerequisite: Hort 320 Greenhouse construction, environmental control, pest control and plant culture including production of greenhouse floral crops. (Fall)	HORT 410 Turfgrass Management and Arboriculture (3:2:2) Prerequisite: Hort 319 Establishment, culture, and maintenance of turf grass and trees in the landscape. (Winter)
HORT 335 Flower Arranging (3:3:1) Fee: \$45.00 Instruction and care in handling of flowers, historical and current application, identification and use. (Fall, Winter, Summer)	HORT 412 Landscape Pest Control (3:2:3) Prerequisite: Horticulture majors only. Identification and control of insects, weeds and diseases of ornamental plants. The use, limitation and methods of applying pesticides including laws concerning their use. (Fall, Summer)
HORT 336 Asian Design Influence (1:1:1) Prerequisite: Hort 335 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 412L Landscape Pest Control (0:0:3) Prerequisite: Horticulture majors or consent of Instructor. Concurrent enrollment with Hort 412 Application of principles taught in Hort 412 (Fall, Summer)
HORT 337 European Design Influence (1:1:1) Prerequisite: Hort 335 This course establishes a historical understanding of floral design primarily from the influences of Europe. (Winter)	HORT 420 Advanced Propagation (3:2:3) Prerequisite: Hort 320 Advanced study of the principles, techniques, and applications of plant propagation with emphasis on tissue culture and micropropagation. (Winter)
HORT 338 Wedding Flowers (1-2:1:0) Prerequisite: Hort 335 and FDM major Theories, methods and materials involved in wedding and special occasion arrangements in preparation for the Spring Flower and Bridal Open House. To prepare floral majors for opportunities to plan and design floral products for weddings. Repeatable for a maximum of six credit hours (Winter)	HORT 435 Advanced Floral Design (3:2:2) Prerequisite: Hort 335, 298B Professional floral design with emphasis on retail flower shop operation, products, and materials. Particular attention is given to developing speed, proficiency, and quality after students have completed a floral internship experience. (Fall, Summer)
HORT 338A Wedding Flowers Lab A (2:1:1) Prerequisite: Hort 335 and FDM major. Provides the first year student with an understanding of the requirements for wedding and event designing. Basic bouquet construction, consultation. (Winter)	

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- 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 and 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 Vegetable 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)
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