

**Requirements for the Bachelor of Science in Plant Sciences  
Plant Sciences Major (proposed for 2004-5 catalog)  
Business Management Concentration**

	<b>Hours Credit</b>
<b>Freshman</b>	
Botany 110, 120 .....	8
Chemistry 100-110 or 120-130 .....	8
English 101-102 .....	6
Mathematics 123-125 .....	6
Plant Sciences 110 or 235 .....	3
<sup>1</sup> Arts and Humanities Elective .....	3
<b>Sophomore</b>	
Plant Sciences 220, 230, 231, or 280 .....	6
Agriculture and Natural Resources 290 .....	3
Accounting 201-202 .....	5
Economics 201 .....	4
Environmental and Soil Sciences 210 .....	4
Speech Communications 210 or 240 .....	3
Statistics 201 for Business Minor or Agricultural Economics 212 for Agricultural Economics Minor .....	3
<sup>1</sup> Cultures and Civilizations Elective .....	3
<b>Junior</b>	
Plant Sciences 326, 330, 334, 340, 350, 360, 370, 380, 390, or 391 .....	9
Plant Sciences 492 .....	3
Business Administration 201 and Management 300 for Business Minor or Agricultural Economics 342 and 350 for Agricultural Economics minor .....	6-7
Technical Electives .....	6
<sup>1</sup> Cultures and Civilizations Elective .....	3
<sup>1</sup> Arts and Humanities Elective .....	3
<b>Senior</b>	
Select 3 Plant Sciences 410, 421, 427, 429, 430, 431, 433, 434, 435, 436, 440, 446, 450, 451, 453, 460, 471, 480, 485, or 493 .....	7-10
Plant Sciences 490 .....	1
Finance 301 and Marketing 300 for Business Minor or Agricultural Economics 412 and an Agricultural Economics Elective for Agricultural Economics Minor .....	6
<sup>1</sup> Social Sciences Elective .....	3
Unrestricted Electives .....	8-12
<b>Total</b>	<b>124</b>

<sup>1</sup> Choose from the University General Education lists. Selection should be made in conference with academic advisor. One of the Arts and Humanities or Cultures and Civilizations Electives must be a writing-intensive (W) course.

**Requirements for the Bachelor of Science in Plant Sciences  
Plant Sciences Major  
Horticulture and Agronomy Concentration**

	<b>Hours Credit</b>
<b>Freshman</b>	
Botany 110, 120 .....	8
Chemistry 100-110 or 120-130 .....	8
English 101-102 .....	6
Mathematics 123-125 or 151-152 .....	6
Plant Sciences 235 for Agronomy Track OR Plant Sciences 110 for Horticulture Track .....	3
<b>Sophomore</b>	
Directed Electives .....	6
Agriculture and Natural Resources 290 .....	3
<sup>1</sup> Arts and Humanities Elective .....	3
<sup>1</sup> Social Sciences Elective .....	3
Environmental and Soil Sciences 210 .....	4
Speech Communications 210 or 240 .....	3
Economics 201 .....	4
<sup>1</sup> Cultures and Civilizations Elective .....	3
<b>Junior</b>	
Plant Sciences 330 .....	3
Plant Sciences 334 for Agronomy Track or Plant Sciences 370 for Horticulture Track .....	3
Plant Sciences 340, 370, 380, or 391 for Agronomy Track OR Plant Sciences 334, 340, 350, 360, 390, or 391 for Horticulture Track .....	6
Plant Sciences 492 .....	3
Botany 321 .....	4
Environmental and Soil Sciences 334 .....	3
Directed Elective .....	3
Entomology and Plant Pathology 313, 321, or 410 .....	3
Technical Elective .....	3-4
<sup>1</sup> Cultures and Civilizations Elective .....	3
<b>Senior</b>	
Plant Sciences 471 and 490 .....	4
Chemistry 350 .....	4
Technical Elective .....	3-4
Directed Electives .....	12-13
<sup>1</sup> Arts and Humanities Elective .....	3
Unrestricted Electives .....	1-4
<b>Total</b>	<b>124</b>

<sup>1</sup> Choose from the University General Education lists. Selection should be made in conference with academic advisor. One of the Arts and Humanities or Cultures and Civilizations Electives must be a writing-intensive (W) course.

**Requirements for the Bachelor of Science in Plant Sciences  
Plant Sciences Major  
Landscape Design Concentration**

	<b>Hours Credit</b>
<b>Freshman</b>	
Botany 110, 120 .....	8
Chemistry 100 or 120 .....	4
English 101-102 .....	6
Mathematics 123-125 .....	6
Plant Sciences 110 .....	3
<sup>1</sup> Social Sciences Elective .....	3
<b>Sophomore</b>	
Plant Sciences 220, 280 .....	6
Agriculture and Natural Resources 290 .....	3
<sup>1</sup> Natural Sciences Elective .....	4
Environmental/Technical Elective .....	3
Environmental and Soil Sciences 210 .....	4
Speech Communications 210 or 240 .....	3
<sup>1</sup> Arts and Humanities Elective .....	3
Unrestricted Elective .....	6
<b>Junior</b>	
Plant Sciences 350, 380 .....	6
Plant Sciences 230, 231, 330, 334, 340, or 370 .....	6
Plant Sciences 390 or 391 .....	3
Environmental/Technical Elective .....	3
<sup>1</sup> Cultures and Civilizations Elective .....	3
<sup>1</sup> Social Sciences Elective .....	3
Unrestricted Elective .....	7
<b>Senior</b>	
Plant Sciences 460, 480, 485 .....	8
Select 2 from Plant Sciences 410, 427, 430, 434, 440, 450, 446, or 493 .....	6
Plant Sciences 490, 492 .....	4
Botany 330 or Plant Sciences 421 .....	3
Environmental/Technical Elective .....	4
<sup>1</sup> Cultures and Civilizations Elective .....	3
<sup>1</sup> Arts and Humanities Elective .....	3
<b>Total</b>	<b>124</b>

<sup>1</sup> Choose from the University General Education lists. Selection should be made in conference with academic advisor. One of the Arts and Humanities or Cultures and Civilizations Electives must be a writing-intensive (W) course.

**Requirements for the Bachelor of Science in Plant Sciences  
Plant Sciences Major  
Public Horticulture Concentration**

	<b>Hours Credit</b>
<b>Freshman</b>	
Botany 110, 120 .....	8
Chemistry 100 or 120 .....	4
English 101-102 .....	6
Mathematics 123-125 .....	6
Plant Sciences 110 .....	3
<sup>1</sup> Natural Science Elective .....	4
<b>Sophomore</b>	
Plant Sciences 220, 230, 231, or 280 .....	6
Agriculture and Natural Resources 290 .....	3
Educational Psychology 210; Public Relations 270; Recreational and Tourism Management 201; Forestry, Wildlife and Fisheries 211 or 250 .....	3
<sup>1</sup> Social Sciences Elective .....	3
Environmental and Soil Sciences 210 .....	4
Speech Communications 210 or 240 .....	3
<sup>1</sup> Arts and Humanities Elective .....	6
<sup>1</sup> Cultures and Civilizations Elective .....	3
<b>Junior</b>	
Select 4 from Plant Sciences 330, 334, 340, 350, 360, 370, 380, 390, or 391 .....	12
Plant Sciences 326 .....	3
Philosophy 342, Agriculture and Extension Education 346 or Journalism 310 .....	3
Botany 309, 330; Entomology and Plant Pathology 313, 321, 410 .....	6
Technical Electives .....	6
<b>Senior</b>	
Select 4 from Plant Sciences 410, 421, 427, 429, 430, 431, 433, 434, 436, 437, 440, 446, 450, 451, 460, 480, 485, 493, or 494 .....	8-12
Plant Sciences 490 and 492 .....	4
<sup>1</sup> Social Sciences Elective .....	3
<sup>1</sup> Cultures and Civilizations Elective .....	3
Technical Electives .....	6
Unrestricted Electives .....	4-8
<b>Total</b>	<b>124</b>

<sup>1</sup> Choose from the University General Education lists. Selection should be made in conference with academic advisor. One of the Arts and Humanities or Cultures and Civilizations Electives must be a writing-intensive (W) course.

**Requirements for the Bachelor of Science in Plant Sciences  
Plant Sciences Major  
Turfgrass Management Concentration**

	<b>Hours Credit</b>
<b>Freshman</b>	
Botany 110, 120 .....	8
Chemistry 100-110 or 120-130 .....	8
English 101-102 .....	6
Mathematics 123-125 .....	6
Plant Sciences 110 or 235 .....	3
<sup>1</sup> Social Sciences Elective .....	3
<b>Sophomore</b>	
Plant Sciences 220, 230, 231, or 280 .....	3
Agriculture and Natural Resources 290 .....	3
<sup>1</sup> Arts and Humanities Elective .....	3
<sup>1</sup> Social Sciences Elective .....	3
Environmental and Soil Sciences 210 .....	4
Speech Communications 210 or 240 .....	3
<sup>1</sup> Cultures and Civilizations Elective .....	3
Unrestricted Electives .....	6
<b>Junior</b>	
Plant Sciences 334, 340 and 370 .....	9
Plant Sciences 330, 350, 360, 390, or 391 .....	6
Plant Sciences 492 .....	3
Technical Electives .....	6
<sup>1</sup> Cultures and Civilizations Elective .....	3
Unrestricted Electives .....	3
<b>Senior</b>	
Select 2 from Plant Sciences 410, 421, 430, 431, 433, 434, 435, 450, 451, 460, 471, or 493 .....	4-6
Plant Sciences 440 and 490 .....	5
Technical Electives .....	6
Botany 321 .....	4
<sup>1</sup> Arts and Humanities Elective .....	3
Unrestricted Electives .....	8-10

**Total 124**

<sup>1</sup> Choose from the University General Education lists. Selection should be made in conference with academic advisor. One of the Arts and Humanities or Cultures and Civilizations Electives must be a writing-intensive (W) course.