In the absence of high school foreign language credit, two semesters of the same modern language must be taken at the college level.

See the Texas State University-San Marcos undergraduate catalog for complete list of graduation requirements. The final responsibility for meeting all graduation requirements stated in the undergraduate catalog rests with the student. This form is only a guide to understanding the Texas State Undergraduate Catalog. This sheet is not meant to be a complete list of University graduation requirements.

(10) Communication (9 hours)
- ENG 1310 College Writing I
- ENG 1320 College Writing II
- COMM 1310 Fundamentals of Human Communication

(030) Natural Science (8 hours)
- BIO 1330 Functional Biology
- BIO 1130 Functional Biology Lab
- CHEM 1341 General Chemistry I
- CHEM 1141 General Chemistry I LAB

(041) Philosophy (3 hours)
- PHIL 1305 Philosophy & Critical Thinking (WI)
  Or
- PHIL 1320 Ethics in Society

(060) History (6 hours)
- HIST 1310 U.S. History to 1887 (WI)
- HIST 1320 U.S. History to Date (WI)

(080) Social & Behavioral Science (3 hours)
- PSY 1300 Introduction to Psychology
  Or
  SOCI 1310 Introduction to Sociology
  Or
  ANTH 1312 Cultural Anthropology
  Or
  GEO 1310 World Geography
- ECO 2301 Principles of Economics
  Or
- ECO 2314 Principles of Microeconomics

(020) Mathematics (3 hours)
- MATH 1315 College Algebra
  or
- MATH 1319 Mathematics for Business and Economics I

(040) Literature (3 hours)
- ENG 2310 British Literature Before 1785
  Or
- ENG 2320 British Literature Since 1785
  Or
- ENG 2330 World Literature Before 1600
  Or
- ENG 2340 World Literature Since 1600
  Or
- ENG 2359 American Literature Before 1865
  Or
- ENG 2360 American Literature Since 1865

(050) Visual & Performance Arts (3 hours)
- ART 2313 Introduction to Fine Arts, Art
  Or
- DAN 2313 Introduction to Fine Arts, Dance
  Or
- MU 2313 Introduction to Fine Arts, Music
  Or
- TH 2313 Introduction to Fine Arts, Theater

(070) American Government (6 hours)
- POSI 2310 Principles of American Government
- POSI 2320 Functions of American Government

(090) University (3 hours)
- US 1100 University Seminar
- PFW
- PFW

Updated 03/18/2014
Bachelor of Science in Agriculture
Major in Agriculture-Animal Science
Integrated Ranch and Natural Resource Management
2013
Overall Texas State GPA: 2.00  Major GPA 2.25

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>AG 1110 Careers in Agriculture</td>
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<tr>
<td>AG 1445 Basic Animal Science</td>
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<tr>
<td>AG 2390 Computer Applications in Agriculture</td>
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<tr>
<td>AG 2383 Introduction to Agricultural Economics</td>
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<tr>
<td>AG 2373 Introduction to Agricultural Engineering</td>
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<tr>
<td>AG 3352 Quantitative Methods in AG Economics</td>
<td>MATH 1315 or MATH 1319 AND AG 2383 AND AG 2390</td>
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<tr>
<td>AG 3301 Genetics of Livestock and Plant Improvements (WI)</td>
<td>AG 1445 AND BIO 1330/1130</td>
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<tr>
<td>AG 3314 Animal Health and Disease Control</td>
<td>AG 1445</td>
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<tr>
<td>AG 3321 Range Management</td>
<td>AG 1445</td>
</tr>
<tr>
<td>AG 3325 Animal Nutrition (WI)</td>
<td>CHEM 1341/1141 AND BIO 1330/1130</td>
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<tr>
<td>AG 3351 Agricultural Marketing and Sales (WI)</td>
<td>AG 2383 AND MATH 1315 or MATH 1319</td>
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<tr>
<td>AG 3353 Agricultural Structures and Environment</td>
<td>MATH 1315 or MATH 1319 AND AG 2373 AND AG 2390</td>
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<tr>
<td>*AG 3426 Soil Science I</td>
<td>CHEM 1341/1141 AND AG 2313* or AG 2379*</td>
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<tr>
<td>AG 3317 Farm Management</td>
<td>AG 2383 AND AG 2390 AND MATH 1315 or MATH 1319</td>
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<tr>
<td>AG 3319 International Food and Fiber Systems</td>
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<td>AG 3331 Reproduction in Farm Animals</td>
<td>AG 1445 AND AG 3301, or BIO 2450</td>
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<tr>
<td>AG 4325 Feeds and Feeding</td>
<td>AG 1445 AND CHEM 1341/1141 AND BIO 1330/1130</td>
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<tr>
<td>AG 4326 Advanced Animal Science-Ruminants (WI)</td>
<td>AG 1445</td>
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<tr>
<td>AG 4330 Food Technology: Process Meats</td>
<td>AG 1445 AND BIO 1330/1130 AND CHEM 1341/1141</td>
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<tr>
<td>AG 4307 Professional Development in Agriculture</td>
<td>Senior Standing</td>
</tr>
</tbody>
</table>

Support Courses

- ACC 2361 Introduction to Finance Accounting: MATH 1315 or MATH 1319
- 3 Hour Advanced Elective (3000-4000 level): Dependent on course selected
- ENG 3303 Technical Writing (WI): MATH 1315 or MATH 1319 with a “C” or better
- GEO 2426 Fundamentals of Geographic Information Systems: MATH 1315 or MATH 1319

*AG 3426- Animal Science-Integrated Ranch and Natural Resource Management majors are not required to take AG 2379 or AG 2313
*AG 3426-Students within this major will need to request a prerequisite override from the Agriculture Department (AG 201) for AG 3426 (must have successfully completed CHEM 1341/1141)

Total Minimum Hour Requirement for Graduation: 120 semester hours
Minimum Advanced Hour Requirement for Graduation: 36 Advanced Hours (3000-4000 level classes)
Minimum Writing Intensive Hours Required for Graduation: 9
Foreign Language Requirement: 6-8 hours of a foreign language is required if two credits of a foreign language were not completed in high school.

Updated 03/18/2014