**BACHELOR OF SCIENCE DEGREE IN ANIMAL SCIENCE**  
**SCIENCE & PRE-PROFESSIONAL EMPHASIS**  
**CATALOG YEAR 2020**

This checklist is intended as a guide and is not an official document.

NAME ________________________________           SID # ________________________________

**UNIVERSITY REQUIREMENTS**

**Total Units:** _____ out of 120 (Needed: __________)  
**Upper Division Units:** _____ out of 42 (Needed: __________)  
**4-year Institution Units:** _____ out of 56 (Needed: __________)  
**Mid-Career Writing Assessment (B or higher in English 102):** ____________

**Cumulative GPA:** ____________  
**Minor:** _________________

**ANS Major GPA:** ____________  
**Minor GPA:** _________________

**Honors:** Yes/No  
**Honors Units Needed:** ________________

**Graduation Date:** ______________________

**GENERAL REQUIREMENTS**

**Mathematics Requirement: (3 Units)**  
MATH 112 – College Algebra  
Semester Taken ____________

**English Composition Requirements: (3-6 Units)**  
ENGL 101 – Freshman Composition  
Semester Taken ____________
ENGL 102 – Freshman Composition  
Semester Taken ____________
OR  
ENGL 109H – Adv. First Year Composition  
Semester Taken ____________

**Second Language Requirements (0-8 Units)**  
Complete one of the following:  
- Complete courses through 2nd semester proficiency  
  Course Taken________________  
  Semester Taken ____________  
- Complete CLEP or UA Proficiency Exam  
  _________________________________

**General Education Requirements:**

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<tr>
<th>Tier 1 Individuals and Societies</th>
<th>150 A, B, or C</th>
<th>Tier 1 Tradition and Cultures</th>
<th>160 A, B, C or D</th>
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<td>150 A, B, or C</td>
<td>160 A, B, C or D</td>
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| Tier 2 Arts | Course Taken________________  | Semester Taken ____________ |
| Tier 2 Humanities | Course Taken________________  | Semester Taken ____________ |
| Tier 2 Individuals & Societies | Course Taken________________  | Semester Taken ____________ |

**Diversity Emphasis Course**  
**Note:** Certain Tier I and Tier II courses can also be used to meet this requirement

*Tier I and II Natural Sciences Requirement is satisfied by ANS major coursework*

For More Information, please contact: J. Christina Garcia, jcb3@email.arizona.edu, 520-626-3526
MAJOR CORE COURSEWORK (40 Units)

ACBS 395A: Prof. Development in Animal Agriculture (SP only) 1 unit  Semester Taken ___________
ACBS 102R – Introduction to Animal Science (F only) 3 units  Semester Taken ___________
ACBS 215 – Physio/Anatomy of Dom. Animal (SP only) 3 units  Semester Taken ___________
ACBS 313- Principles of Animal Genetics (SP only) 3 units  Semester Taken ___________
ACBS 315R – Physiology of Reproduction (F only) 3 units  Semester Taken ___________
MCB 181R and MCB 181L – Introductory Biology I 3 units/ 1 unit  Semester Taken ___________
AREC 315 – Agribusiness Econ. & Mgmt. (F only) 3 units  Semester Taken ___________
ECON 200 or 201a – Basic Economic Issues 3 units  Semester Taken ___________
CHEM 151 – General Chemistry I 4 units  Semester Taken ___________
CHEM 152 – General Chemistry II 4 units  Semester Taken ___________
ACBS 336A – Applied Animal Nutrition (F only) 3 units  Semester Taken ___________

Statistics- Complete one of the following:
AREC 239 – Introduction to Stats & Data Analysis (SP only) 4 units  Semester Taken ___________
MATH 163 – Basic Statistics 3 units  Semester Taken ___________
MATH 263 – Introduction to Statistics and Biostatistics 3 units  Semester Taken ___________
*PSY 230 – Psychological Measurements and Statistics 3 units  Semester Taken ___________
SBS 200 – Introduction to Statistics for the Social Sciences 4 units  Semester Taken ___________
*If you test out of Math 112, you are not eligible to take this course

Communication- Complete one of the following:  Semester Taken ___________
ACBS 396A & ACBS 496B – Junior/Senior Livestock Judging Team (F only/SP Only) 1 unit/ 2 units
AED 301 – Youth Leadership Development (F only) 3 units
ALC 422 – Communicating Knowledge in Ag. and Life Sci. (F only) 3 units
COMM 101 – Introduction to the Study of Communication 3 units
COMM 119 – Public Speaking 3 units
ENGL 307 – Business Writing 3 units
ENGL 308 – Technical Writing 3 units

SCIENCE & PRE-PROFESSIONAL CORE COURSEWORK (33 Units)

ACBS 102L – Intro. to Animal Science Lab (F only) 1 unit  Semester Taken ___________
ECOL 182R – Introductory Biology II 3 units  Semester Taken ___________
ECOL 182L – Introductory Biology II Lab 1 unit  Semester Taken ___________
MIC 205A – General Microbiology 3 units  Semester Taken ___________
CHEM 241A – Organic Chemistry I 3 units  Semester Taken ___________
CHEM 243A – Organic Chemistry I Lab 1 unit  Semester Taken ___________
CHEM 241B – Organic Chemistry II 3 units  Semester Taken ___________
CHEM 243B – Organic Chemistry II Lab 1 unit  Semester Taken ___________
PHYS 102 – Introductory Physics I 3 units  Semester Taken ___________
PHYS 181 – Introductory Physics I Lab 1 unit  Semester Taken ___________
PHYS 103 – Introductory Physics II 3 units  Semester Taken ___________
PHYS 182 – Introductory Physics II Lab 1 unit  Semester Taken ___________
MCB 410 – Cell Biology (SP only) 3 units  Semester Taken ___________
ACBS 445 – Nutritional Psio. & Metabolic Biochemistry (SP Only) 3 units  Semester Taken ___________

Choose one of the following:
ACBS 400A – Animal Anatomy/Physiology (F only) 3 units  Semester Taken ___________
ACBS 400B – Animal Anatomy/Physiology (SP only) 3 units  Semester Taken ___________

MAJOR CORE ELECTIVES (15 units)

300/400 level ACBS/MIC/AREC/MCB/RNR/RA M Prefixed Courses  Semester Taken ___________
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<th>Fall</th>
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