

# SAMPSON COMMUNITY COLLEGE

## APPLIED ANIMAL SCIENCE

### OCCUPATIONAL PROGRAMS

The Applied Animal Science curriculum is designed to prepare students for careers in the production, processing, and distribution of livestock, swine, and poultry and their products according to scientific principles essential to efficient and profitable operation.

Students should learn skills necessary for the operation of efficient and profitable livestock, swine, and poultry enterprises.

Potential coursework includes instruction in basic animal science, animal nutrition, and animal health as applied to various species and breeds; design and operation of housing, feeding, and processing facilities; and related issues of safety, applicable regulations, logistics, and supply.

Graduates should qualify for entry-level jobs as herd or flock managers, field service persons, feed salespersons, equipment salespersons, feed mill workers, buyers of poultry and livestock, owners/operators, farm managers, department supervisors, field service representatives, and waste management technicians.



#### CHET BASS

Department Chair,  
Applied Animal Science  
910-900-4027  
cbass@sampsoncc.edu



**BEGIN HERE**  
*go anywhere*

910.592.8081 | [sampsoncc.edu](http://sampsoncc.edu)





**Program Checklist**

**Program Title:** Applied Animal Science Technology

**Effective Date:** Fall 2023

**Student Name:**

**Student ID:**

| CoDE Transition Courses:  |                              | Grade        |                 |                  |   |                      |                           |       |
|---|------------------------------|--------------|-----------------|------------------|---|----------------------|---------------------------|-------|
| ENG-002   | Transition English           |              |                 |                  |   |                      |                           |       |
| MAT-003   | Transition Math              |              |                 |                  |   |                      |                           |       |
| Course Prefix   | Course Title                 | Credit Hours | Degree (A15280) | Diploma (D15280) | Livestock Record Mgmt. Certificate (C15280LM) | Certificate (C15280) | HS Certificate (C15280HS) | Grade |
| <b>Fall Semester I</b>  |                              |              |                 |                  |   |                      |                           |       |
| ANS-110   | Animal Science               | 3            | X               | X                |   | *X                   | X                         |       |
| ANS-140   | Swine Production             | 3            | X               | X                | X   |                      |                           |       |
| ANS-116   | Intro to the Equine Industry | 3            | X               |                  |   |                      | X                         |       |
| ANS-130   | Poultry Production           | 3            | X               | X                |   |                      |                           |       |
| ACA-122   | College Transfer Success     | 1            | X               | X                |   |                      |                           |       |
| <b>Total Credit Hours</b>   |                              |              | 13              | 10               | 3   | 3                    | 6                         |       |
| <b>Spring Semester I</b>  |                              |              |                 |                  |   |                      |                           |       |
| ANS-115   | Animal Feeds and Nutrition   | 3            | X               | X                |   |                      | X                         |       |
| ANS-120   | Beef Production              | 3            | X               | X                |   |                      |                           |       |
| ANS-150   | Animal Health Management     | 3            | X               | X                |   | *X                   |                           |       |
| Communications: Choose one: COM-110, COM-120, COM-231, ENG-111, ENG-112, ENG-114  |                              | 3            | X               | X                |   |                      |                           |       |
| ANS-210   | Livestock Production Issues  | 3            | X               |                  | X   | *X                   | X                         |       |
| <b>Total Credit Hours</b>   |                              |              | 15              | 12               | 3   | 6                    | 6                         |       |
| <b>Summer Semester I</b>  |                              |              |                 |                  |   |                      |                           |       |
| Program Elective  |                              | 3            | *ANS 212        | X                | ANS 212                                       | X                    |                           |       |
| Program Elective  |                              | 3            | *ANS 170        | X                |   |                      |                           |       |
| Program Elective  |                              | 1            | *WBL 111        |                  |   |                      |                           |       |
| <b>Total Credit Hours</b>   |                              |              | 7               | 6                | 3   | 3                    | 0                         |       |
| <b>Fall Semester II</b>   |                              |              |                 |                  |   |                      |                           |       |
| Program Elective  |                              | 3            | *ANS 160        | X                | ANS 160                                       |                      |                           |       |
| Program Elective  |                              | 3            | *AGR 226        | X                |   |                      |                           |       |
| Natural Sciences/Math: Choose one: BIO-111, BIO-140, BIO-168, CHM-151, MAT-110, MAT-143, MAT-152, MAT-171   |                              | 3-4          | X               | X                |   |                      |                           |       |
| Program Elective  |                              | 3            | *AGR 170        |                  |   |                      |                           |       |
| Humanities/Fine Arts: Choose one: ART-111, ART-114, ART-115, DRA-111, DRA-115, ENG-231, ENG-232, ENG-241, ENG-242, HUM-115, MUS-110, MUS-112, PHI-240, REL-110, REL-211, REL-212, REL-221 |                              | 3            | X               |                  |   |                      |                           |       |
| <b>Total Credit Hours</b>   |                              |              | 15-16           | 9-10             | 3   | 0                    | 0                         |       |
| <b>Spring Semester II</b>   |                              |              |                 |                  |   |                      |                           |       |
| Social/Behavioral Sciences: Choose one: ECO-251, ECO-252, HIS-111, HIS-112, HIS-121, HIS-131, HIS-132, POL-120, PSY-150, SOC-210, SOC-220, SOC-225  |                              | 3            | X               |                  |   |                      |                           |       |
| Communications: Choose one: COM-110, COM-120, COM-231, ENG-111, ENG-112, ENG-114  |                              | 3            | X               |                  |   |                      |                           |       |
| Program Elective  |                              | 3            | *ANS-213        |                  |   |                      |                           |       |
| Program Elective  |                              | 3            | *ANS 216        |                  |   |                      |                           |       |
| Program Elective  |                              | 3            | X               |                  |   |                      |                           |       |
| <b>Total Credit Hours</b>   |                              |              | 15              | 0                | 0   | 0                    | 0                         |       |
| <b>Dates Awarded:</b>   |                              |              |                 |                  |   |                      |                           |       |
| <b>Total Credits:</b>   |                              |              | <b>65-66</b>    | <b>37-38</b>     | <b>12</b>                                     | <b>12</b>            | <b>12</b>                 |       |

**Program Electives:** AGR, ANS, BUS, CIS, SPA-111, WBL, WLD

\*Recommended Program Electives and Certificate Electives



Complete SCC Application & FAFSA



Meet with an advisor



Register and pay for classes

Admissions: 910.900.4319 | admissions@sampsoncc.edu

Financial Aid: 910.900.4320 | finaid@sampsoncc.edu

Learning Resource Center: 910.900.4309

Sampson Community College | 1801 Sunset Ave, Clinton, NC 28328 | 910.592.8081 | www.sampsoncc.edu

Sampson Community College is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award the associate degree. Sampson Community College also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Sampson Community College may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website ([www.sacscoc.org](http://www.sacscoc.org)).

The Board of Trustees and the Administration of Sampson Community College (SCC) are fully committed to the principles and practice of equal employment and educational opportunities. Accordingly, SCC does not practice or condone discrimination in any form, against students, employees, or applicants on the grounds of race, color, national origin, religion, sex, age, disability, or political affiliation. SCC commits itself to positive action to secure equal opportunity regardless of those characteristics.