

# Animal & Veterinary Science (ANVS) - Production Option

## Northwest College

### FRESHMAN

| Fall Semester |      |                       |           |          | Spring Semester |           |   |                    |           |          |     |
|---------------|------|-----------------------|-----------|----------|-----------------|-----------|---|--------------------|-----------|----------|-----|
|               |      |                       |           |          | Hrs ≥ 3000      |           |   |                    |           |          |     |
| Dept          | #    | Course Title          | #         | #        | USP             | Dept      | # | Course Title       | #         | #        | USP |
| AGRI          | 1101 | Ag First Year Seminar | 2         |          | FY              | PEAC      |   | Wellness           | 2         |          |     |
| ENGL          | 1010 | Intro to Composition  | 3         |          | CI              | ENGL 2010 |   | Technical Writing  | 3         |          | C2  |
| BIOL          | 1010 | General Biology       | 4         |          | PN              | BIOL 2020 |   | General Biology II | 4         |          | PN  |
| MATH          | 1400 | College Algebra       | 4         |          | Q               | AECL 1000 |   | Agroecology        | 4         |          | PN  |
| ANSC          | 1024 | Intro Animal Science  | 4         |          |                 | AGEC 1010 |   | Ag Economics       | 3         |          | H   |
| <b>TOTAL</b>  |      |                       | <b>17</b> | <b>0</b> |                 |           |   |                    | <b>16</b> | <b>0</b> |     |

### SOPHOMORE

| Fall Semester |      |                               |           |          | Spring Semester |           |   |                              |                     |          |     |           |
|---------------|------|-------------------------------|-----------|----------|-----------------|-----------|---|------------------------------|---------------------|----------|-----|-----------|
|               |      |                               |           |          | Hrs ≥ 3000      |           |   |                              |                     |          |     |           |
| Dept          | #    | Course Title                  | #         | #        | USP             | Dept      | # | Course Title                 | #                   | #        | USP |           |
| CHEM          | 1000 | Intro to Chemistry            | 5         |          | PN              | CO/M 1030 |   | Interpersonal Communications | 3                   |          | H   |           |
| AGEC          | 2020 | Farm and Ranch Business Mgmt. | 4         |          |                 | RGMG 2000 |   | Principles of Range Mgmt.    | 3                   |          |     |           |
| AGEC          | 1020 | Ag Economics II               | 3         |          |                 | ANSC 2020 |   | Feeds and Feeding            | 4                   |          |     |           |
| POLS          | 1000 | American and Wyoming Govt.    | 3         |          | V               | AGRI 2395 |   | Ag Capstone Project          | 2                   |          |     |           |
| RGMG          | 1000 | Intro to Range                | 1         |          |                 | STAT 2050 |   | Fundamentals of Statistics   | 4                   |          | Q   |           |
| <b>TOTAL</b>  |      |                               | <b>16</b> | <b>0</b> |                 |           |   |                              | <b>16</b>           | <b>0</b> |     |           |
|               |      |                               |           |          |                 |           |   |                              | <b>2 year TOTAL</b> |          |     | <b>65</b> |

Transfer Recommendations and Notes:

# Animal & Veterinary Science (ANVS) - Production Option

University of Wyoming

## JUNIOR

| Fall Semester |   |   |   | Hrs ≥ 3000 |           |  | Spring Semester |   |     |  | Hrs ≥ 3000 |          |           |           |
|---------------|---|---|---|------------|-----------|--|-----------------|---|-----|--|------------|----------|-----------|-----------|
| Dept #        | Course Title  | # | # | USP        | Dept #    | Course Title   | #               | # | USP |  |            |          |           |           |
| ANSC 2010     | Domestic Animal Metabolism                                      | 3 |   |            | ANSC 3010 | Comparative Anatomy and Physiology of Domestic Animals | 4               | 4 |     |  |            |          |           |           |
| <i>OR</i>     |   |   |   |            |           |  |                 |   |     |  |            |          |           |           |
| CIEM 2300     | Introductory Organic Chemistry (4)                              |   |   |            | LIFE 3050 | Genetics   | 4               | 4 |     |  |            |          |           |           |
| PATB 4110     | Diseases of Food Animals  | 3 | 3 |            | ANSC 3100 | Principles of Animal Nutrition                         | 3               | 3 |     |  |            |          |           |           |
| FDSC 3060     | Principles of Meat Science                                      | 3 | 3 |            | FDSC 2040 | Principles of Meat Animal Evaluation                   | 3               |   |     |  |            |          |           |           |
| ANSC 3150     | Equine Nutrition and Physiology (2 production courses required) | 3 | 3 |            |           | Elective   | 3               |   |     |  |            |          |           |           |
|               | Elective  | 3 |   |            |           |  |                 |   |     |  |            |          |           |           |
| <b>TOTAL</b>  |   |   |   |            |           |  |                 |   |     |  | <b>15</b>  | <b>2</b> | <b>17</b> | <b>11</b> |



## SENIOR

| Fall Semester |                                      |   |   | Hrs ≥ 3000 |           |   | Spring Semester |   |      |  | Hrs ≥ 3000 |           |                      |            |
|---------------|--------------------------------------|---|---|------------|-----------|---|-----------------|---|------|--|------------|-----------|----------------------|------------|
| Dept #        | Course Title                         | # | # |            | Dept #    | Course Title                              | #               | # | USP  |  |            |           |                      |            |
| ANSC 4120     | Principles of Mammalian Reproduction | 3 | 3 |            | ANSC 4630 | Topics and Issues in Animal Science       | 3               | 3 | COM3 |  |            |           |                      |            |
| ANSC 4540     | Principles of Animal Breeding        | 3 | 3 |            | ANSC 4220 | Advanced Beef Production and Management*  | 3               | 3 |      |  |            |           |                      |            |
|               | Elective                             | 4 |   |            | ANSC 4230 | Advanced Sheep Production and Management* | 3               | 3 |      |  |            |           |                      |            |
|               | ≥ 3000 Elective                      | 3 | 3 |            |           | ≥ 3000 Elective                           | 3               | 3 |      |  |            |           |                      |            |
|               | ≥ 3000 Elective                      | 4 | 4 |            |           | ≥ 3000 Elective                           | 3               | 3 |      |  |            |           |                      |            |
| <b>TOTAL</b>  |                                      |   |   |            |           |   |                 |   |      |  | <b>17</b>  | <b>13</b> | <b>15</b>            | <b>15</b>  |
| <b>≥ 3000</b> |                                      |   |   |            |           |   |                 |   |      |  | <b>48</b>  |           | <b>TOTAL CREDITS</b> | <b>122</b> |

### Transfer Recommendations and Notes:

Two production courses are required (Marked with an \*).