



**A.S. General Pathway to  
B.S. Animal Science Equine Science/Animal Production**

| <i>Shawnee Community College</i> |          |                        |    |          |                                    |    |
|----------------------------------|----------|------------------------|----|----------|------------------------------------|----|
| <b>Year 1</b>                    | ENG-0111 | English Composition I  | 3  | ENG-0112 | English Composition II             | 3  |
|                                  | MAT-0110 | General Education Math | 4  | CHE-0111 | Inorganic, Organic, Biochemistry I | 4  |
|                                  | BIO-0115 | Human Biology          | 5  | AGR-0115 | Intro to Animal Science            | 4  |
|                                  | AGR-0116 | Agricultural Economics | 3  | Elective | Humanities                         | 3  |
|                                  |          |                        |    | Elective | Social Science                     | 3  |
|                                  |          |                        | 15 |          |                                    | 17 |

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|----------------------------------|----------|---------------------|----|----------|------------------------|----|
| <b>Year 2</b>                    | SPC-0111 | Speech              | 3  | CHE-0115 | Inorganic Chemistry II | 5  |
|                                  | CHE-0114 | Inorganic Chemistry | 5  | MAT-0209 | Calculus I             | 5  |
|                                  | MAT-0115 | Pre-Calculus        | 5  | Elective | Fine Arts              | 3  |
|                                  | PSY-0211 | Intro to Psychology | 3  | Elective |                        | 4  |
|                                  |          |                     | 16 |          |                        | 17 |

| <i>Southern Illinois University-Carbondale</i> |         |                                 |   |              |                                |   |
|--|---------|---------------------------------|---|--------------|--------------------------------|---|
| <b>Year 3 &amp; Year 4</b>                     | ANS 215 | Intro to Nutrition              | 2 | ANS 314      | Forages: Intro to Grassland AG | 3 |
|  | ANS 315 | Feeds & Feeding                 | 3 | ANS 409      | Equine Science                 | 4 |
|  | ANS 331 | Growth & Dev Phsl of Animals    | 4 | ANS 419      | Stable Management              | 3 |
|  | ANS 332 | Animal Genetics                 | 3 | ANS 490      | Horse Industry Internship      | 8 |
|  | ANS 337 | Animal Health                   | 3 | Electives    | ANS 112, 212, 312, or 412      | 4 |
|  | ANS 381 | Animal Science Seminar          | 1 | Ag Electives | Excluding ANS                  | 5 |
|  | ANS 431 | Reproductive Physiology         | 4 | Ag Electives |                                | 8 |
|  | ANS 219 | Introductory Horse Management   | 4 | ABE 350/351  | Farm Mgmt/Financial Mgmt in Ag | 3 |
|  | ANS 309 | Equine Evaluation & Performance | 3 | ZOOL 118     | Principles of Animal Biology   | 4 |

Updated: 2/10/2023