

**ANIMAL SCIENCES MAJOR
SCIENCE OPTION
124 Total Credits Required**

| <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">FIRST SEMESTER</th> <th style="text-align: right;">CREDITS</th> </tr> </thead> <tbody> <tr> <td>BIOL 110 - Biology Conc Biod (GN)</td> <td style="text-align: right;">4</td> </tr> <tr> <td>Arts selection (GA)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>CHEM 110 - Chem Princ (GN)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>CHEM 111 - Exper Chem (GN)</td> <td style="text-align: right;">1</td> </tr> <tr> <td>First-Year Seminar (S)</td> <td style="text-align: right;">1</td> </tr> <tr> <td>Quantification selection (GQ)</td> <td style="text-align: right;"><u>3-4^a</u></td> </tr> <tr> <td></td> <td style="text-align: right;">15-16</td> </tr> </tbody> </table> | FIRST SEMESTER | CREDITS | BIOL 110 - Biology Conc Biod (GN) | 4 | Arts selection (GA) | 3 | CHEM 110 - Chem Princ (GN) | 3 | CHEM 111 - Exper Chem (GN) | 1 | First-Year Seminar (S) | 1 | Quantification selection (GQ) | <u>3-4^a</u> | | 15-16 | <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">SECOND SEMESTER</th> <th style="text-align: right;">CREDITS</th> </tr> </thead> <tbody> <tr> <td>CHEM 112 - Chem Princ (GN)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>CHEM 113 - Exper Chem (GN)</td> <td style="text-align: right;">1</td> </tr> <tr> <td>ENGL 015 - Rhetoric & Comp (GWS) or ENGL 030 - Honors Fresh Comp (GWS)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>AG BM 101 – Econ Prin Agribus (GS) or ECON 002 – Micro Anly (GS)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Elective</td> <td style="text-align: right;">0-2</td> </tr> <tr> <td>Quantification selection (GQ)</td> <td style="text-align: right;"><u>2-4^b</u></td> </tr> <tr> <td></td> <td style="text-align: right;">12-16</td> </tr> </tbody> </table> | SECOND SEMESTER | CREDITS | CHEM 112 - Chem Princ (GN) | 3 | CHEM 113 - Exper Chem (GN) | 1 | ENGL 015 - Rhetoric & Comp (GWS) or ENGL 030 - Honors Fresh Comp (GWS) | 3 | AG BM 101 – Econ Prin Agribus (GS) or ECON 002 – Micro Anly (GS) | 3 | Elective | 0-2 | Quantification selection (GQ) | <u>2-4^b</u> | | 12-16 |
|--|-------------------------|----------------|---|-----|---|-----|--|------------------|-------------------------------|----------------|------------------------------|----------|------------------------------------|------------------------|---|------------------------|---|------------------------|----------------|---|---|--|------------------|---|------------------------|---|-------|----------------------------------|----------|-------------------------------|------------------------|--|-------|
| FIRST SEMESTER | CREDITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BIOL 110 - Biology Conc Biod (GN) | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arts selection (GA) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHEM 110 - Chem Princ (GN) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHEM 111 - Exper Chem (GN) | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| First-Year Seminar (S) | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quantification selection (GQ) | <u>3-4^a</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 15-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECOND SEMESTER | CREDITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHEM 112 - Chem Princ (GN) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHEM 113 - Exper Chem (GN) | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENGL 015 - Rhetoric & Comp (GWS) or ENGL 030 - Honors Fresh Comp (GWS) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AG BM 101 – Econ Prin Agribus (GS) or ECON 002 – Micro Anly (GS) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Elective | 0-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quantification selection (GQ) | <u>2-4^b</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| THIRD SEMESTER | CREDITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ▼AN SC 201 * | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ▼AN SC 290W | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ▼AN SC 207, 208* | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Humanities selection (GH) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHEM 202 - Organic Chem | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Health and Physical Activity (GHA) | <u>1.5</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 15.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOURTH SEMESTER | CREDITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ▼AN SC 300 (GN)* | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BIOL 220W - Biology Pop Comm (GN), BIOL 230W - Biology Mol Cells (GN), or BIOL 240W - Biol Func Dev Org (GN) | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHEM 203 - Organic Chem | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Social and Behavioral Sciences selection (GS) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAS 100 - Effective Speech (GWS) | <u>3</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| FIFTH SEMESTER | CREDITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ▼AN SC 301* | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ▼AN SC 305*, 306*, 308*, 309*, 310*, 311*, 324*or 327* | 3-4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ▼AN SC 322, BIOL 222-Genetics, or BIOL 133 - Gent Evol Humans | 3 ^c | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B M B 211 - Elem Biochemistry | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B M B 212 - Elem Biochem Lab | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Elective | <u>1-4^c</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| AGRO 028 - Prin Crop Mgmt or SOILS 101 - Introductory Soils or ▼AN SC 213 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B M B 221 - Applied Biochem | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Health and Physical Activity (GHA) | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MICRB 201 - Intro Microbiology | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MICRB 202 - Intro Micro Lab | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PHYS 250 - Intro Phys (GN) | <u>4</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 15.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SEVENTH SEMESTER | CREDITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ▼AN SC 306, 308, 309, 405, 407, 410 or 413 | 3-4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ▼AN SC 431W | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Elective | 0-4 ^c | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENGL 202 selection (GWS) | 3 ^f | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Humanities selection (GH) | <u>3</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 13-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EIGHTH SEMESTER | CREDITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ▼AN SC 423 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arts selection (GA) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Supporting courses | 5-7 ^d | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Communication Skills selection | <u>3-5^e</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

^a Required to complete one of the following: MATH 021 GQ(3), 022 GQ(3), 110 GQ(4), or 140 GQ(4); recommend MATH 110 GQ(4) or 140 GQ(4).

^b Required to complete one of the following: CMPSC 101 GQ(3), 203 GQ(4), MATH 022 GQ(3), 111 GQ(2), 141 GQ(4), STAT 100 GQ(3), 200 GQ(4), or 250 GQ(3).

^c PHYS 251 is required for admission to veterinary school; students with a poultry interest are encouraged to schedule AN SC 211; students interested in meats or livestock judging should enroll in AN SC 324; students interested in horse judging should enroll in AN SC 217.

^d Required to complete 5-7 credits of the following in addition to major requirements (Courses that fulfill major requirements do not count in this area): AN SC 405(3), 407(3), 410(4), 413(3), 414 (3) 418 (3), 419W(3), 420(4), 425(3), 427(3), 432(2), 450(3), 457(3), 467 (3), FD SC 408(2), 409W(3), 415(3), and VB SC 402(3), 405(3), 420(3), 423W(3); WFS 407 (3), 408 (3), 430 (3), 447W (3), 460 (3).

^e Required to complete one of the following: ENGL 50 (GA), 210, 212, 213, 215; any foreign language (001-003), SPAN 105; CAS 212, 213, 250, 352; AEE 330W, 360, 440; AN SC 417 and 426, or AN SC 421 and 426, or AN SC 422 and 426, or AN SC 424 and 426. (AN SC courses cannot count as supporting courses and fulfill communication skills requirement)

^f Recommend ENGL 202C GWS, Technical Writing

* A grade of C or higher is required to graduate (16 credits) - Senate Policy 82 - 44.

▼ Course titles available on the semester schedule of Animal Science courses offered.

PROGRESS REPORT

MAJOR: ANIMAL SCIENCES OPTION: SCIENCE NAME: _____ STUDENT NUMBER: _____
 CREDITS REQUIRED: 124 ADVISOR: _____

| REQUIREMENTS FOR THE MAJOR (87-97 CREDITS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|----|----|-------------|---|-------|-------------------|---|-------|------------|---|-------|----------------|---|-------|-------------|---|-------|---------|---|-------|----------|---|-------|--|--|----|----|-----------|---|-------|--------------|---|-------|-------------|---|-------|---------|---|-------|---------|---|-------|-------------------|---|-------|-------------------|---|-------|----------|---|-------|-----------|---|-------|-----------|---|-------|-------------|---|-------|
| GENERAL EDUCATION REQUIREMENTS (45 CREDITS) | COMMON REQUIREMENTS FOR MAJOR (35-41 CREDITS) | REQUIREMENTS FOR OPTION (52-55 CREDITS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>FIRST YEAR SEMINAR (1) (S)</p> <p>_____</p> <p>WRITING SPEAKING SKILLS (9) GWS</p> <p>ENGL 015 <i>or</i> 030 _____</p> <p>ENGL 202 _____</p> <p>CAS 100 _____</p> <p>QUANTIFICATION SKILLS (6) GQ</p> <p>_____</p> <p>_____</p> <p>NATURAL SCIENCES (9) GN</p> <p>_____</p> <p>_____</p> <p>▲ ARTS (6) GA</p> <p>_____</p> <p>_____</p> <p>▲ HUMANITIES (6) GH</p> <p>_____</p> <p>_____</p> <p>▲ SOCIAL & BEHAVIORIAL SCIENCES (6) GS</p> <p>_____</p> <p>_____</p> <p>HEALTH & PHYSICAL ACT (3) GHA</p> <p>_____</p> <p>_____</p> <p>▲ ELECTIVES (0-14 CREDITS)</p> <p>_____</p> <p>_____</p> <p>▲ Must include 3 credits of U.S. (US) and 3 credits of International (IL) Cultures</p> | <p>COMMON PRESCRIBED (21 CREDITS)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 10%; text-align: center;">CR</th> <th style="width: 10%; text-align: center;">GD</th> </tr> </thead> <tbody> <tr> <td>* AN SC 201</td> <td style="text-align: center;">4</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>* AN SC 207 & 208</td> <td style="text-align: center;">3</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>AN SC 290W</td> <td style="text-align: center;">1</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>* AN SC 300 GN</td> <td style="text-align: center;">3</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>* AN SC 301</td> <td style="text-align: center;">3</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>BMB 211</td> <td style="text-align: center;">3</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>CHEM 202</td> <td style="text-align: center;">3</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table> <p>ADDITIONAL (11-15 CREDITS)</p> <p>AG BM 101 GS <i>or</i> ECON 002 GS 3 _____</p> <p>* AN SC 305, 306, 308, 309, 310 311, 324, <i>or</i> 327 3-4 _____</p> <p>MATH 021 GQ, 022 GQ, 110 GQ, <i>or</i> 140 GQ 3-4 _____</p> <p>CMPSC 101 GQ, 203 GQ; MATH 022 GQ, 111 GQ, 141 GQ; STAT 100 GQ, 200 GQ, <i>or</i> 250 GQ 2-4 _____</p> <p>SUPPORTING COURSES AND RELATED AREAS: (3-5 CREDITS)</p> <p><i>Communication Skills^e</i> 3-5 _____</p> <p>* <i>A grade of C or higher must be obtained to graduate – Policy 82-44.</i></p> <p>** <i>Writing across the curriculum designation. Required to complete 3 credits within the College</i></p> | | CR | GD | * AN SC 201 | 4 | _____ | * AN SC 207 & 208 | 3 | _____ | AN SC 290W | 1 | _____ | * AN SC 300 GN | 3 | _____ | * AN SC 301 | 3 | _____ | BMB 211 | 3 | _____ | CHEM 202 | 3 | _____ | <p>SCIENCE OPTION PRESCRIBED (34 CREDITS)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 10%; text-align: center;">CR</th> <th style="width: 10%; text-align: center;">GD</th> </tr> </thead> <tbody> <tr> <td>AN SC 423</td> <td style="text-align: center;">3</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>AN SC 431W**</td> <td style="text-align: center;">4</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>BIOL 110 GN</td> <td style="text-align: center;">4</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>BMB 212</td> <td style="text-align: center;">1</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>BMB 221</td> <td style="text-align: center;">2</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>CHEM 110 & 111 GN</td> <td style="text-align: center;">4</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>CHEM 112 & 113 GN</td> <td style="text-align: center;">4</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>CHEM 203</td> <td style="text-align: center;">3</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>MICRB 201</td> <td style="text-align: center;">3</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>MICRB 202</td> <td style="text-align: center;">2</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>PHYS 250 GN</td> <td style="text-align: center;">4</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table> <p>ADDITIONAL (13-14 CREDITS)</p> <p>AGRO 028, SOILS 101 <i>or</i> AN SC 213 3 _____</p> <p>AN SC 322, BIOL 133 GN <i>or</i> 222 3 _____</p> <p>BIOL 220W GN, 230W GN, <i>or</i> 240W GN 4 _____</p> <p>AN SC 306, 308, 309, 405, 407, 410, 413 3-4 _____</p> <p>SUPPORTING COURSES AND RELATED AREAS (5-7 CREDITS)***</p> <p>AN SC 405(3), 407(3), 410(4), 413(3), 414(3), 418(3), 419W (3), 420(4), 425(3), 427(3), 432(2), 450(3), 457(3), 467(3);</p> <p>FD SC 408(2), 409W(3), 415(3);</p> <p>VB SC 402(3), 405(3), 420(3), 423W(3); WFS 407(3), 408(3), 430(3), 447W(3), 460(3). 5-7 _____</p> <p>*** <i>Courses that fulfill major requirements do not count in this area.</i></p> | | CR | GD | AN SC 423 | 3 | _____ | AN SC 431W** | 4 | _____ | BIOL 110 GN | 4 | _____ | BMB 212 | 1 | _____ | BMB 221 | 2 | _____ | CHEM 110 & 111 GN | 4 | _____ | CHEM 112 & 113 GN | 4 | _____ | CHEM 203 | 3 | _____ | MICRB 201 | 3 | _____ | MICRB 202 | 2 | _____ | PHYS 250 GN | 4 | _____ |
| | CR | GD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * AN SC 201 | 4 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * AN SC 207 & 208 | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AN SC 290W | 1 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * AN SC 300 GN | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * AN SC 301 | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BMB 211 | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHEM 202 | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CR | GD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AN SC 423 | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AN SC 431W** | 4 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BIOL 110 GN | 4 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BMB 212 | 1 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BMB 221 | 2 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHEM 110 & 111 GN | 4 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHEM 112 & 113 GN | 4 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHEM 203 | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MICRB 201 | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MICRB 202 | 2 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PHYS 250 GN | 4 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

