

| Semester One:   | Credit Hrs. | Major    | Minor or 2nd Major | Gen Ed    | Upper Div. | Min. Grade | Notes       |
|---|-------------|----------|--------------------|-----------|------------|------------|-------------|
| ENGL 1110   | 3           |          |                    | 3         |            | C          | GE - Choice |
| MATH 1512   | 4           | 4        |                    | 4         |            | C          | GE - M      |
| PHYS 1310   | 3           | 3        |                    | 3         |            | C          | GE- PNS-L   |
| PHYS 1310L  | 1           | 1        |                    | 1         |            | C          | GE- PNS-L   |
| PHYS 1311*  | 1           |          |                    |           |            | CR         |             |
| Freshmen Experience Course  | 3           |          |                    |           |            | C          |             |
|   |             |          |                    |           |            |            |             |
| <b>Total:</b>   | <b>15</b>   | <b>8</b> | <b>0</b>           | <b>11</b> | <b>0</b>   |            |             |
| Advisement: Try a Freshman Learning Community - 2 core classes combined AT TIME OF REGISTRATION |             |          |                    |           |            |            |             |

| Semester Three:  | Credit Hrs. | Major    | Minor or 2nd Major | Gen Ed   | Upper Div. | Min. Grade | Notes         |
|--|-------------|----------|--------------------|----------|------------|------------|---------------|
| MATH 2530  | 4           | 4        |                    |          |            | C          |               |
| PHYS 2310  | 3           | 3        |                    |          |            | C          |               |
| PHYS 2310L   | 1           | 1        |                    |          |            | C          |               |
| PHYS 2311*   | 1           |          |                    |          |            | CR         |               |
| Gen Ed Communication                                     | 3           |          |                    | 3        |            | C          | GE - WS       |
| Gen Ed Second Language                                   | 3           |          |                    | 3        |            |            | GE - Language |
|  |             |          |                    |          |            |            |               |
| <b>Total</b>   | <b>15</b>   | <b>8</b> | <b>0</b>           | <b>6</b> | <b>0</b>   |            |               |
| Transition to Major Status (once semester grades are in) |             |          |                    |          |            |            |               |

| Semester Five:                                | Credit Hrs. | Major     | Minor or 2nd Major | Gen Ed   | Upper Div. | Min. Grade | Notes     |
|---|-------------|-----------|--------------------|----------|------------|------------|-----------|
| MATH 311                                      | 3           | 3         |                    |          | 3          | C          |           |
| PHYC 301, 303 or 491 (if not taking 405)      | 3           | 3         |                    |          | 3          | C          | fall only |
| PHYS 366 (if taking 405) or Division Elective | 4           | 4         |                    |          | 4          | C          | fall only |
| Elective**                                    | 3           | 3         |                    |          | 3          | C          |           |
| Gen Ed Fine Arts                              | 3           |           |                    | 3        |            | C          | GE - FA   |
|   |             |           |                    |          |            |            |           |
|   |             |           |                    |          |            |            |           |
| <b>Total</b>                                  | <b>16</b>   | <b>13</b> | <b>0</b>           | <b>3</b> | <b>13</b>  |            |           |
| Visit Career Services                         |             |           |                    |          |            |            |           |

| Semester Seven:                                  | Credit Hrs. | Major    | Minor or 2nd Major | Gen Ed   | Upper Div. | Min. Grade | Notes |
|--|-------------|----------|--------------------|----------|------------|------------|-------|
| Elective**                                       | 3           | 3        |                    |          | 3          | C          |       |
| Minor/Second Major Upper Division                | 3           |          | 3                  |          | 3          | C          |       |
| Minor/Second Major Upper Division                | 3           |          | 3                  |          | 3          | C          |       |
| General Elective Upper Division                  | 3           |          |                    |          | 3          | D-         |       |
| General Elective Any Level                       | 3           |          |                    |          |            | D-         |       |
|  |             |          |                    |          |            |            |       |
| <b>Total</b>                                     | <b>15</b>   | <b>3</b> | <b>6</b>           | <b>0</b> | <b>12</b>  |            |       |
| Advisement: Departmental Check-In / Senior Visit |             |          |                    |          |            |            |       |

| Semester Two:                            | Credit Hrs. | Major     | Minor or 2nd Major | Gen Ed   | Upper Div. | Min. Grade | Notes       |
|--|-------------|-----------|--------------------|----------|------------|------------|-------------|
| ENGL 1120                                | 3           |           |                    | 3        |            | C          | GE - WS     |
| MATH 1522                                | 4           | 4         |                    |          |            | C          |             |
| PHYS 1320                                | 3           | 3         |                    | 3        |            | C          | GE- Choice  |
| PHYS 1320L                               | 1           | 1         |                    |          |            | C          |             |
| PHYS 1321*                               | 1           |           |                    |          |            | CR         |             |
| ASTR 2110                                | 3           | 3         |                    |          |            | C          | spring only |
| ASTR 2110L                               | 1           | 1         |                    |          |            | C          | spring only |
| <b>Total:</b>                            | <b>16</b>   | <b>12</b> | <b>0</b>           | <b>6</b> | <b>0</b>   |            |             |
| Advisement: Enhanced Degree Audit skills |             |           |                    |          |            |            |             |

| Semester Four:  | Credit Hrs. | Major    | Minor or 2nd Major | Gen Ed   | Upper Div. | Min. Grade | Notes       |
|---|-------------|----------|--------------------|----------|------------|------------|-------------|
| PHYS 2415   | 3           | 3        |                    |          |            | C          | spring only |
| PHYC 330  | 3           | 3        |                    |          | 3          | C          | spring only |
| PHYC 331*   | 1           |          |                    |          | 1          | C          |             |
| MATH 316  | 3           | 3        |                    |          | 3          | C          |             |
| Gen Ed Social Behavioral Science  | 3           |          |                    | 3        |            | C          | GE - SBS    |
| Gen Ed Humanities   | 3           |          |                    | 3        |            | C          | GE - HUM    |
|   |             |          |                    |          |            |            |             |
| <b>Total</b>  | <b>16</b>   | <b>9</b> | <b>0</b>           | <b>6</b> | <b>7</b>   |            |             |
| Advisement: Attend Departmental Orientation (within the 4th to 12th week) |             |          |                    |          |            |            |             |

| Semester Six:  | Credit Hrs. | Major    | Minor or 2nd Major | Gen Ed   | Upper Div. | Min. Grade | Notes       |
|--|-------------|----------|--------------------|----------|------------|------------|-------------|
| PHYC 491 (if not taking 301, 303 or 491)                         | 3           | 3        |                    |          | 3          | C          | spring only |
| Elective**   | 3           | 3        |                    |          | 3          | C          |             |
|  |             |          |                    |          |            |            |             |
| Minor/Second Major Coursework                                    | 3           |          | 3                  |          |            | C          |             |
| Minor/Second Major Upper Division                                | 3           |          | 3                  |          | 3          | C          |             |
| Minor/Second Major Upper Division                                | 3           |          | 3                  |          | 3          | C          |             |
|  |             |          |                    |          |            |            |             |
|  |             |          |                    |          |            |            |             |
| <b>Total</b>   | <b>15</b>   | <b>6</b> | <b>9</b>           | <b>0</b> | <b>12</b>  |            |             |
| Complete Graduation Workshop & Apply for degree (after 4th week) |             |          |                    |          |            |            |             |
| Advisement: Departmental Check-In                                |             |          |                    |          |            |            |             |

| Semester Eight:                   | Credit Hrs. | Major    | Minor or 2nd Major | Gen Ed   | Upper Div. | Min. Grade | Notes |
|-----------------------------------|-------------|----------|--------------------|----------|------------|------------|-------|
| Elective**                        | 3           | 3        |                    |          | 3          | C          |       |
| Minor/Second Major Upper Division | 3           |          | 3                  |          | 3          | C          |       |
| General Elective Any Level        | 3           |          |                    |          |            | D-         |       |
| General Elective Any Level        | 3           |          |                    |          |            | D-         |       |
|                                   |             |          |                    |          |            |            |       |
|                                   |             |          |                    |          |            |            |       |
| <b>Total</b>                      | <b>12</b>   | <b>3</b> | <b>3</b>           | <b>0</b> | <b>6</b>   |            |       |
| Advisement: Senior Visit          |             |          |                    |          |            |            |       |
| Visit Graduation Fair             |             |          |                    |          |            |            |       |

**Degree Total** **120** **62** **18** **32** **50**

**The New Mexico General Education Curriculum (31 units)**

- Writing and Speaking: (6 credit hours)
- Mathematics: (3 credit hours)
- Physical and Natural Sciences: (4 credit hours)
- Social and Behavioral Sciences: (3 credit hours)
- Humanities: (3 units)
- Foreign Language: (3 credit hours)
- Fine Arts: (3 credit hours)
- Student Choice: (6 credit hours)

**Arts and Sciences College Minimum Requirements**

- Total credit hours = 120
- 300/400 level credit hours = 48
- Minimum credit hours taught in A&S = 90

**University Residence Requirements**

- a. Minimum hours = 30
- b. Senior standing = 15 past 92
- c. In major= One half
- d. In minor = One quarter

**Minimum graduation GPA = 2.00**

Keep in mind that minimum grades on road map are for individual coursework only. Students must maintain a minimum of a 2.0 cumulative grade point average for admission to and graduation from the College of Arts and Sciences. Minimums listed for the individual courses do NOT meet the cumulative minimum. Scholarships will have different requirements. Please see your advisor for questions.

**For more information see the catalogue at [www.unm.edu](http://www.unm.edu)**

**Contact Information**

|  |   |          |
|--|---|----------|
| Major Advisor:   | Email: <a href="mailto:pandaadvise@unm.edu">pandaadvise@unm.edu</a> | Website: |
| Minor Advisor:   | Email: <a href="mailto:pandaadvise@unm.edu">pandaadvise@unm.edu</a> | Website: |
| College Website: <a href="http://artsci.unm.edu/advisement/index.html">http://artsci.unm.edu/advisement/index.html</a> |   |          |

**Career Opportunities and Pathways**

**Departmental Honors Program**

The Departmental Honors Program requires 2 semesters of an Honors Section of Physics 456. The student and faculty mentor present a mutually-agreeable topic to the department for approval. Also, the University requires a GPA of at least a GPA of at least 3.25. See the Honors web page for more information at [physics.unm.edu/pandaweb/undergraduate/programs/honors.php](http://physics.unm.edu/pandaweb/undergraduate/programs/honors.php)

**Suggested Minors/2nd Majors/Upper Division Electives:**

**\*\***For electives, choose four additional 3 credit hour upper-level courses in Physics or Astronomy, one of which must be in Astronomy and one of which must be a laboratory class, except for any one of the following problems courses: ASTR 455; PHYC 451, 452.

**Important Notes**

\*Physics 1311, 1321, 2311, 331, 311, 313, 311, 415, 416, 496, and 497 are all one credit hour recitation sections associated with Physics 1310, 1320, 2310, and 330, 301, 303, 304, 405, 406, 491, and 492, respectively. These recitation sessions are practice in solving problems from the associated lecture courses. They are very useful and stongly recommended for the major. If they are not taken, additional coursework may be required to meet university graduation requirements.