



This four year guide is a recommended semester-by semester plan of study for this major. All four year guides are meant as examples of how a degree can be completed in four years. Individual plans will be developed for each student in consultation with the academic advisor. Prior credit, course availability, and student needs must be considered in developing the individual plan.

Shaded areas of guide require special attention.

| Course Subject and Title | Credit Hours | Min. Grade Required | Included in Major GPA | Important Notes<br>POS = Program of Study |
|--------------------------|--------------|---------------------|-----------------------|-------------------------------------------|
|--------------------------|--------------|---------------------|-----------------------|-------------------------------------------|

**Semester One: [15-16 Credit Hours]**

|                                     |     |    |   |                                                                                                                             |
|-------------------------------------|-----|----|---|-----------------------------------------------------------------------------------------------------------------------------|
| RC 1000                             | 3   |    |   | May take in fall or spring semester of first year                                                                           |
| Liberal Studies Experience Course 1 | 3   |    |   | HS or LS or FA or SS Designation                                                                                            |
| MAT 1110                            | 4   | C- | X | Also meets <b>Gen Ed Quantitative Literacy</b> requirement; Minimum C- required as prerequisite to MAT 1120                 |
| PHY 1103 or 1150                    | 4-5 | C- |   | Also counts in <b>Gen Ed Science Inquiry</b> requirement; Minimum C- required as prerequisite to PHY 2010 in Semester Three |
| Gen Ed Wellness Literacy Course     | 1   |    |   |                                                                                                                             |

**Semester Two: [15-16 Credit Hours]**

|                                          |     |    |   |                                                                                                                            |
|------------------------------------------|-----|----|---|----------------------------------------------------------------------------------------------------------------------------|
| UCO 1200                                 | 3   |    |   | May take in fall or spring semester of first year                                                                          |
| MAT 1120                                 | 4   | C- | X |                                                                                                                            |
| PHY 1104 or 1151                         | 4-5 | C- |   | Also counts in <b>Gen Ed Science Inquiry</b> requirement; Minimum C- required as prerequisite to PHY 2020 in Semester Four |
| Integrative Learning Experience Course 1 | 3   |    |   |                                                                                                                            |
| Gen Ed Wellness Literacy Course          | 1   |    |   |                                                                                                                            |

**Semester Three : [14 Credit Hours]**

|          |   |    |   |                                                                  |
|----------|---|----|---|------------------------------------------------------------------|
| RC 2001  | 3 |    |   | May take in fall or spring semester of sophomore year            |
| MAT 2130 | 4 |    | X |                                                                  |
| MAT 2240 | 3 |    | X |                                                                  |
| PHY 2010 | 4 | C- | X | Minimum C- required as prerequisite to PHY 2020 in Semester Four |

**Semester Four: [14 Credit Hours]**

|                                          |   |  |   |                                  |
|------------------------------------------|---|--|---|----------------------------------|
| MAT 2110                                 | 4 |  | X |                                  |
| MAT 3130                                 | 3 |  | X |                                  |
| PHY 2020                                 | 4 |  | X |                                  |
| Integrative Learning Experience Course 2 | 3 |  |   | HS or LS or FA or SS Designation |

**Semester Five: [15 Credit Hours]**

|                                          |   |  |   |                                        |
|------------------------------------------|---|--|---|----------------------------------------|
| MAT 3110 or 3220                         | 3 |  | X | <b>[WID] Writing in the Discipline</b> |
| MAT 2310                                 | 3 |  | X | Offered Fall semester only             |
| Required PHY Elective at 2000+ Level     | 3 |  | X |                                        |
| Integrative Learning Experience Course 3 | 3 |  |   | HS or LS or FA or SS Designation       |
| Liberal Studies Experience Course 2      | 3 |  |   |                                        |



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**Semester Six: [16 Credit Hours]**

|                                     |   |  |   |                                                                                                            |
|-------------------------------------|---|--|---|------------------------------------------------------------------------------------------------------------|
| MAT 4310                            | 3 |  | X | Offered spring semester only                                                                               |
| STT 3850                            | 4 |  | X |                                                                                                            |
| PHY or TEC Approved Elective        | 3 |  | X | Must be approved by advisor; As needed to bring total in <b>Physical Science Concentration</b> to 24 hours |
| Liberal Studies Experience Course 3 | 3 |  |   | HS or LS or FA or SS Designation                                                                           |
| Free Elective                       | 3 |  |   |                                                                                                            |

**Semester Seven: [16 Credit Hours]**

|                              |   |  |   |                                                                                                                                                                                 |
|------------------------------|---|--|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MAT 4040                     | 1 |  | X | <b>[CAP] Capstone;</b> The capstone course has a co-requisite of concurrent enrollment in an associated 4000 level course chosen from the Depth Requirements or Major Electives |
| Depth Requirements Course    | 3 |  | X | Choose from list of <b>Depth Requirements</b> area on POS; A total of 3 hours in this area is required                                                                          |
| Major Elective               | 3 |  | X | Choose from list of <b>Major Electives</b> area on POS; A total of 3 hours of electives required                                                                                |
| PHY or TEC Approved Elective | 3 |  | X | Must be approved by advisor; As needed to bring total in <b>Physical Science Concentration</b> to 24 hours; If PHY/TEC elective is not needed, take Free Elective               |
| PHY or TEC Approved Elective | 3 |  | X | Must be approved by advisor; As needed to bring total in <b>Physical Science Concentration</b> to 24 hours; If PHY/TEC elective is not needed, take Free Elective               |

**Semester Eight: [13-15 Credit Hours]**

|                                     |       |  |  |                                                                                     |
|-------------------------------------|-------|--|--|-------------------------------------------------------------------------------------|
| Liberal Studies Experience Course 4 | 3     |  |  |                                                                                     |
| Free Elective                       | 10-12 |  |  | *Take enough Free Electives to reach a minimum of 120 hours required for the degree |

| General Requirements Summary |               |                     |           |             |
|------------------------------|---------------|---------------------|-----------|-------------|
| Minimum Total Hours          | Gen Ed. Hours | Writing             | Minimum   |             |
|                              |               |                     | Major GPA | Overall GPA |
| 120                          | 44            | RC 1000 and RC 2001 | 2.0       | 2.0         |

All MAT and STT courses and all courses in Major Requirements area on Program of Study count in major GPA.



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| <b>General Education Program Model - 44 Semester Hours Total</b>                                                                                                                                                    |       |                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------|
| Program Categories                                                                                                                                                                                                  | Hours | Important Notes – <i>Be sure to check for Gen Ed courses required in your major</i> |
| First Year Seminar                                                                                                                                                                                                  | 3     | Can be taken first or second semester of freshman year                              |
| Wellness Literacy                                                                                                                                                                                                   | 2     |                                                                                     |
| Quantitative Literacy                                                                                                                                                                                               | 4     |                                                                                     |
| First Year Writing                                                                                                                                                                                                  | 3     | Can be taken first or second semester of freshman year                              |
| Sophomore Writing                                                                                                                                                                                                   | 3     |                                                                                     |
| Integrative Learning Experience                                                                                                                                                                                     | 9     | Must choose a minimum of two disciplines                                            |
| Liberal Studies Experience                                                                                                                                                                                          | 12    | Must choose a minimum of three disciplines                                          |
| Science Inquiry                                                                                                                                                                                                     | 8     |                                                                                     |
| <p>You must also meet the Fine Arts, Literary Studies, Historical Studies, and the Social Science Designations. Those may be met within the Integrative Learning Experience and the Liberal Studies Experience.</p> |       |                                                                                     |

**Additional Notes:**

- Please consult with your advisor to ensure you will complete the appropriate number of free electives as needed to reach the 120 total hours required for your degree.
- Residency Requirements:
  - 30 hours must be from ASU
  - 18 hours in the major must be from ASU
  - 9 hours in the minor must be from ASU