## ASTRONOMY, BACHELOR OF SCIENCE

Offered by Department of Physics and Astronomy (http:// catalog.unk.edu/undergraduate/departments-programs/physicsastronomy/)


## Major Option

| Code | Title | Credit <br> Hours |
| :--- | :--- | ---: |
| Astronomy Requirements |  |  |
| PHYS 210 | Astronomy | 3 |
| PHYS 123 | Freshman Physics Seminar | 3 |
| PHYS 346 | Modern Physics I | 4 |
| PHYS 350 | Astrophysics I | 3 |
| PHYS 351 | Astrophysics II | 3 |


| PHYS 360 | Computational Methods in Physics and Astronomy | 3 |
| :---: | :---: | :---: |
| PHYS 361 | Astronomy Methods II | 3 |
| PHYS 410 | Mathematical Techniques in Physics I | 3 |
| Astronomy Math Requirements |  |  |
| MATH 260 | Calculus III | 5 |
| Physics Chemistry Requirements |  |  |
| CHEM 160 | General Chemistry | 3 |
| CHEM 160L | General Chemistry Laboratory | 1 |
| Total Credit H |  | 34 |
| 1 |  |  |
| Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed: <br> - MATH 102 <br> - MATH 103 |  |  |
| 2 |  |  |
| Designated courses with the appropriate content may be approved to satisfy one of the Broad Knowledge requirements plus LOPER 9 or Broad Knowledge plus LOPER 10. Courses may be approved to satisfy LOPER 9 or LOPER 10 alone. (Courses satisfying LOPER 9 or LOPER 10 alone must be 3 credit hours.) Students applying this option will need to take additional hours in other categories to meet the required GS hours. <br> 3 |  |  |
| A minor or se The number overall will de | major is required for a complete degree uired electives needed to reach 120 tota upon the specific program chosen |  |

