

| GENERAL EDUCATION | MAJOR AND RELATED COURSES |
|---|--|
| Rhetoric and Composition (6 hrs): | PHYS 230/280, |
| Two approved courses | 231/281, |
| | 232/282, |
| | 341, 342, |
| Mathematics (4 hrs): | 411 |
| MATH 151/152 | |
| | 6 hours from: |
| | PHYS 381r, 382r |
| Statistics (3 hrs): | 481r |
| One approved Statistics course | |
| | Additional 25 hours Physics electives at the 300-400 level |
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| Natural Sciences (8 hrs): | |
| CHEM 121/123 | ENGL 278 |
| CHEM 122/124 | |
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| | One approved Oral Communication course |
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| Humanities and Fine Arts (6 hrs): | |
| Two approved Humanities and Fine Arts courses | MATH 151/152, 161/162 |
| with at least one course in Fine Arts | 212, 245 |
| | 255 |
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| Cultures and Civilizations (9 hrs): | |
| Two approved Western Humanities courses and | CHEM 121/123, 122/124 |
| One approved Non-Western Humanities course | |
| OR | |
| Three approved World Civilizations courses | |
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| Behavioral and Social Sciences (6 hrs): | |
| Two approved courses in 2 different disciplines | |
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| | <i>Recommended for prospective graduate studies:</i> |
| American History (6 hrs if no H.S. credit) | PHYS 303, 307, |
| | 310, 412, |
| | 414r |
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| Hours in Progress | Electives to complete 120 earned hours, the minimum |
| Total Earned Hours | required for graduation. |
| Total Quality Pts | |
| GPA (2.0 req) | 39 of the 120 hours must be completed at the |
| UTC Earned Hrs | 300-400 level, including a minimum of 31 hours |
| UTC Attempted Hrs | in Physics and/or Astronomy at the 300-400 level. |
| UTC Quality Pts | |
| UTC GPA (2.0 req) | Minimum 2.0 GPA required in all Physics courses. |
| Major GPA | |
| Minor GPA | |