PHYSICAL SCIENCE, BACHELOR OF SCIENCE

Offered by Department of Physics and Astronomy (http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/departments-programs/physics-astronomy)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<tr>
<td><strong>General Studies</strong></td>
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<tr>
<td><strong>Foundational Core (Written, Math, Oral, Democracy)</strong></td>
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<tr>
<td>Foundational Core courses (<a href="http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses">http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses</a>)</td>
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<td>14</td>
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<tr>
<td>Including:</td>
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<tr>
<td>MATH 115</td>
<td>Calculus I with Analytic Geometry</td>
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<tr>
<td>Portal</td>
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<tr>
<td>Select one course numbered 188 (<a href="http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses/portal-course">http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses/portal-course</a>)</td>
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<tr>
<td><strong>Distribution</strong></td>
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<td>Aesthetics (<a href="http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses/aesthetics">http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses/aesthetics</a>)</td>
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<td>Humanities (<a href="http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses/humanities">http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses/humanities</a>)</td>
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<td>Social Sciences (<a href="http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses/social-sciences">http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses/social-sciences</a>)</td>
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<td>Natural Sciences (<a href="http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses/natural-sciences">http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses/natural-sciences</a>)</td>
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<tr>
<td>Including:</td>
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<tr>
<td>CHEM 160 &amp; 160L</td>
<td>General Chemistry and General Chemistry Laboratory</td>
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</tr>
<tr>
<td>CHEM 161 &amp; 161L</td>
<td>General Chemistry and General Chemistry Laboratory</td>
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<tr>
<td>Analytical and Quantitative Thought (<a href="http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses/analytical-quantitative-thought">http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses/analytical-quantitative-thought</a>)</td>
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<td>Wellness (<a href="http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses/wellness">http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses/wellness</a>)</td>
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<tr>
<td>Needed to reach 27 credit hour minimum in Distribution</td>
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<td><strong>Capstone</strong></td>
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<td>Select one course numbered 388 (<a href="http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses/capstone-course">http://catalog.unk.edu/catalog-archive/2017-2018/undergraduate/general-studies/general-studies-courses/capstone-course</a>)</td>
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<tr>
<td><strong>BS Science-related course requirements</strong></td>
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<tr>
<td>Complete all required courses</td>
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<tr>
<td><strong>Major Option</strong></td>
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<tr>
<td>Complete all required courses</td>
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<tr>
<td><strong>Minor or 2nd Major</strong></td>
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<tr>
<td>Complete all required courses</td>
<td></td>
<td>24</td>
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</tbody>
</table>

Unrestricted electives
Needed to reach 120 credit hour minimum | 19 |
Total Credit Hours | 120 |

**Physical Science Core Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 275 &amp; 275L</td>
<td>General Physics I (Calculus) and General Physics I (Calculus) Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 276 &amp; 276L</td>
<td>General Physics II (Calculus) and General Physics II (Calculus) Laboratory</td>
<td>5</td>
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</tbody>
</table>

**Physical Science Electives**

Select 20 credit hours of the following: | 20 |

CHEM 200-CHEM 499L | 4 |
PHYS 200-PHYS 499 | 5 |

Total Credit Hours | 30 |

1 Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:
- MATH 102
- MATH 103

2 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

3 Electives must include one advanced course (300-400 level) in BOTH Chemistry AND Physics.

4 Except CHEM 388.

5 Except PHYS 388.