## Major Academic Plan 2017-18

This is a model pathway for students coming to HSU ready for two semesters of remedial math & choosing to take two-semester English composition (ENGL 102/103) to meet LD GE A1.

<table>
<thead>
<tr>
<th>Major</th>
<th>Concentration: Astronomy</th>
<th>Degree: BS</th>
</tr>
</thead>
</table>

### Year 1

**Fall**
- Review DARS & meet with your advisor each semester.

<table>
<thead>
<tr>
<th>Description</th>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD GE A2 or A3 [1]</td>
<td>COMM 100 or FOR 100</td>
<td>3</td>
</tr>
<tr>
<td>Remedial Math [5]</td>
<td>MATH 40</td>
<td>(3) 0</td>
</tr>
<tr>
<td>LD GE C1 or C2 [4]</td>
<td>PHIX 100</td>
<td>3</td>
</tr>
</tbody>
</table>

**Year 1**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD GE A1 [1]</td>
<td>ENGL 103</td>
</tr>
<tr>
<td>Prerequisite AND</td>
<td>MATH 113</td>
</tr>
<tr>
<td>Co-requisite Math [5]</td>
<td>MATH 43</td>
</tr>
<tr>
<td>LD GE A2 or A3 [1]</td>
<td>COMM 100 or FOR 100</td>
</tr>
</tbody>
</table>

**Spring**
- Review DARS & meet with your advisor each semester.

<table>
<thead>
<tr>
<th>Description</th>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD GE C1 or C2 [4]</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Major</td>
<td>PHYX 109</td>
<td>4</td>
</tr>
<tr>
<td>Major</td>
<td>CHEM 110</td>
<td>5</td>
</tr>
<tr>
<td>LD GE B: Math &amp; Major [1]</td>
<td>MATH 109</td>
<td>4</td>
</tr>
</tbody>
</table>

**Year 2**

**Fall**
- Complete a major contract. Apply to graduate.

<table>
<thead>
<tr>
<th>Description</th>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Institutions</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Major</td>
<td>PHYX 110</td>
<td>4</td>
</tr>
<tr>
<td>Major</td>
<td>MATH 110</td>
<td>4</td>
</tr>
<tr>
<td>LD GE D [4]</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Year 2**

**Spring**
- Take the GWPE

<table>
<thead>
<tr>
<th>Description</th>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD GE C1 or C2 [4]</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Major</td>
<td>PHYX 111</td>
<td>4</td>
</tr>
<tr>
<td>Major</td>
<td>MATH 210</td>
<td>4</td>
</tr>
<tr>
<td>Major</td>
<td>MATH 241</td>
<td>3</td>
</tr>
</tbody>
</table>

**Year 3**

**Fall**
- Review DARS & meet with your advisor each semester.

| Major | PHYX 360 | 4 |
| Major | PHYX 324 | 4 |
| Major | MATH 311 | 2 |
| Major | MATH 313 | 4 |

**Year 4**

**Fall**
- Review DARS & meet with your advisor each semester.

| Major | PHYX 450 | 4 |
| Major | PHYX 442 | 3 |
| Major | PHYX 310 | 3 |
| Major | PHYX 485 | 0.5 |
| UD GE C or D [4] | 3 |

**Year 5**

**Fall**
- Review DARS & meet with your advisor each semester.

| Major | PHYX 325 | 4 |
| Major | PHYX 485 | 0.5 |

**Spring**
- Register for commencement ceremony.

<table>
<thead>
<tr>
<th>Description</th>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major</td>
<td>PHYX 325</td>
<td>4</td>
</tr>
<tr>
<td>Major</td>
<td>PHYX 485</td>
<td>0.5</td>
</tr>
</tbody>
</table>

**Summer**

- Take the GWPE

<table>
<thead>
<tr>
<th>Description</th>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD GE C1 or C2 [4]</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Major</td>
<td>PHYX 111</td>
<td>4</td>
</tr>
<tr>
<td>Major</td>
<td>MATH 210</td>
<td>4</td>
</tr>
<tr>
<td>Major</td>
<td>MATH 241</td>
<td>3</td>
</tr>
</tbody>
</table>

**Year 5**

**Fall**
- Review DARS & meet with your advisor each semester.

<table>
<thead>
<tr>
<th>Description</th>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major</td>
<td>PHYX 360</td>
<td>4</td>
</tr>
<tr>
<td>Major</td>
<td>PHYX 324</td>
<td>4</td>
</tr>
<tr>
<td>Major</td>
<td>MATH 311</td>
<td>2</td>
</tr>
<tr>
<td>Major</td>
<td>MATH 313</td>
<td>4</td>
</tr>
</tbody>
</table>

**Year 5**

**Spring**
- Register for commencement ceremony.

<table>
<thead>
<tr>
<th>Description</th>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major</td>
<td>PHYX 325</td>
<td>4</td>
</tr>
<tr>
<td>Major</td>
<td>PHYX 485</td>
<td>0.5</td>
</tr>
</tbody>
</table>

A1=Written Communication; A2 = Oral Communication; A3 = Critical Thinking; C1 = Arts; C2 = Humanities; DCG = Diversity & Common Ground; GE = General Education; LD = Lower Division; UD = Upper Division; See page 2 for notes.
Major: Physics
Concentration: Astronomy
Degree: BS

Total units: 120 units required for this BS degree

Notes

[1] LD GE A: (Basic Subjects) & B (Math) must be completed with C- or higher & by 60 units earned.

[2] One American Institution course will also count for LD GE D.


[4] Complete 2 DCG courses, (one must be domestic) with courses that also meet GE.

[5] Credit earned for remedial math will not count toward unit requirements for graduation, GE or major.