# 2021 - 2022 Major Map

## Applied Science (Medical Laboratory Science), BAS

**School/College:** College of Health Solutions  
**Location:** Downtown Phoenix campus

### Applicable Community College Prerequisites 0 - 90 Credit Hours

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAS Transfer Degree Block</td>
<td>90</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Term hours subtotal:** 90

- Students may meet lower division general studies requirements with the AAS degree.
- Students must complete all ASU general studies requirements in order to earn ASU BAS degree.
- Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.

### Term 5 90 - 99 Credit Hours

**Necessary course signified by 🌟**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Division Computer/Statistics/Quantitative Applications (CS)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Division Literacy and Critical Inquiry (L)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Minimum 2.50 GPA ASU Cumulative.**

**Term hours subtotal:** 9

### Term 6 99 - 108 Credit Hours

**Necessary course signified by 🌟**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL 410: Laboratory Leadership</td>
<td>1</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>MDL 420: Advanced Clinical Urinalysis and Body Fluids</td>
<td>2</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>MDL 430: Advanced Hematology and Hemostasis</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>MDL 440: Advanced Immunohematology and Immunology</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
</tbody>
</table>

**Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).**

**Minimum 2.50 GPA ASU Cumulative.**

**Term hours subtotal:** 9

### Summer 6 108 - 112 Credit Hours

**Necessary course signified by 🌟**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL 421: Advanced Practicum in Clinical Urinalysis and Body Fluids</td>
<td>1</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>MDL 431: Advanced Practicum in Hematology and Hemostasis</td>
<td>1</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>MDL 441: Advanced Practicum in Immunohematology and Immunology</td>
<td>2</td>
<td>C</td>
<td></td>
</tr>
</tbody>
</table>

**Minimum 2.50 GPA ASU Cumulative.**
First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

Mathematics Placement Assessment score determines placement in first mathematics course.

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.