# 2019 - 2020 Major Map

## Integrative Health, BS

**School/College:** Edson College of Nursing and Health Innovation  
**Location:** Downtown Phoenix campus, West campus

### Term 1 - 14 Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASU 101-NU: The ASU Experience</td>
<td>1</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>CHM 101: Introductory Chemistry (SQ) or BIO 201: Human Anatomy and Physiology I (SG) or BIO 202: Human Anatomy and Physiology II (SG) OR BIO 181: General Biology I (SQ) or BIO 182: General Biology II (SG) or CHM 113: General Chemistry I (SQ)</td>
<td>4</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>MAT 142: College Mathematics (MA) OR MAT 251: Calculus for Life Sciences (MA)</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)</td>
<td>3</td>
<td>C</td>
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</table>

**Term hours subtotal:** 14

### Term 2 - 14 - 30 Credit Hours

<table>
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<tr>
<td>CHM 101: Introductory Chemistry (SQ) or BIO 201: Human Anatomy and Physiology I (SG) or BIO 202: Human Anatomy and Physiology II (SG) OR BIO 181: General Biology I (SQ) or BIO 182: General Biology II (SG) or CHM 113: General Chemistry I (SQ)</td>
<td>4</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
</tbody>
</table>

**Complete 2 courses:**  
COM 225: Public Speaking (L) OR SWU 250: Stress Management Tools I (SB) OR OGL 240: Introduction to Project Management  

**Complete ENG 101 OR ENG 105 OR ENG 107 course(s).**

**Term hours subtotal:** 16

### Term 3 - 30 - 44 Credit Hours

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<tbody>
<tr>
<td>CHM 101: Introductory Chemistry (SQ) or BIO 201: Human Anatomy and Physiology I (SG) or BIO 202: Human Anatomy and Physiology II (SG) OR BIO 181: General Biology I (SQ) or BIO 182: General Biology II (SG) or CHM 113: General Chemistry I (SQ)</td>
<td>4</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)</td>
<td>3</td>
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</tr>
</tbody>
</table>

**Complete 2 courses:**  
COM 225: Public Speaking (L) OR SWU 250: Stress Management Tools I (SB) OR OGL 240: Introduction to Project Management  

**Complete ENG 101 OR ENG 105 OR ENG 107 course(s).**

**Term hours subtotal:** 16

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- An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses  
- Mathematics Placement Assessment score determines placement in mathematics course  
- ASU 101 or college-specific equivalent  
- First-Year Seminar required of all freshman students  
- Select your Career Interest Communities, play me3@ASU and review academic programs.  
- Create a first draft resume.  
- Explore study abroad options.  
- Search for on-campus employment.  
- Prehealth students: consult with an advisor regarding curriculum and course substitutions.  
- Nursing or General Health Interest Track: MAT 142, BIO 201, BIO 202, CHM 101  
- Health Professional School Track: MAT 251, BIO 181, BIO 182, CHM 113  
- Build your professional connections - join the ASU Mentor Network.  
- Secure a part time job or volunteer experience.  
- Apply for a study abroad experience.  
- Explore engagement opportunities in the College of Nursing and Health Innovation.  
- Join a student club or professional organization.  
- Nursing or General Health Interest Track: BIO 201, BIO 202, CHM 101  
- Health Professional School Track: BIO 181, BIO 182, CHM 113.
CHM 101: Introductory Chemistry (SQ) or BIO 201: Human Anatomy and Physiology I (SG) or BIO 202: Human Anatomy and Physiology II (SG) OR BIO 181: General Biology I (SQ) or BIO 182: General Biology II (SG) or CHM 113: General Chemistry I (SQ)

Complete 2 courses:

| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 6 | C | • Nursing or General Health Interest Track: BIO 201, BIO 202, CHM 101, MIC 205, MIC 206. • Health Professional School Track: BIO 181, BIO 182, CHM 113, CHM 116. • Develop your skills. |
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) OR CHM 116: General Chemistry II (SQ) | 4 | C |

Complete Mathematics (MA) requirement.

Term hours subtotal: 14

### Term 4: 44 - 60 Credit Hours

**Critical course signified by [ ]**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C &amp; G)</td>
<td>3</td>
<td>C</td>
<td>• Nursing or General Health Interest Track: HCR 240 • Health Professional School Track: CHM 233, CHM 237 • Explore an internship. • Schedule an appointment with your advisor to review your academic progress</td>
</tr>
<tr>
<td>HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L)</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>COM 225: Public Speaking (L) OR SWU 250: Stress Management Tools I (SB) OR OGL 240: Introduction to Project Management</td>
<td>3</td>
<td>C</td>
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</tr>
</tbody>
</table>

**Term hours subtotal:** 16

### Term 5: 60 - 73 Credit Hours

**Necessary course signified by [ ]**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities</td>
<td>3</td>
<td>C</td>
<td>• Nursing or General Health Interest Track: SOC 101, choose 3 electives. • Health Professional School Track: CHM 234/238, PHY 111/113, PHY 112/114. • Develop your professional online presence.</td>
</tr>
<tr>
<td>TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L)</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>COM 225: Public Speaking (L) OR SWU 250: Stress Management Tools I (SB) OR OGL 240: Introduction to Project Management</td>
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<td>C</td>
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</tr>
<tr>
<td>Track Course Requirement</td>
<td>4-6</td>
<td>C</td>
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</tbody>
</table>

**Term hours subtotal:** 13-15

### Term 6: 73 - 89 Credit Hours

**Necessary course signified by [ ]**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCR 301: Research Methods for the Health Care Professional</td>
<td>3</td>
<td>C</td>
<td>• Nursing or General Health Interest Track: SOC 101, choose 3 electives. • Health Professional School Track: CHM 234/238, PHY 111/113, PHY 112/114. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.</td>
</tr>
<tr>
<td>HCR 303: Assessing Needs, Assets and Capacity for Health Education</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>HCR 343: Historical and Cultural Foundations of Integrative Health Care</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Track Course Requirement</td>
<td>4-3</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).**

**Term hours subtotal:** 16-15

### Term 7: 89 - 105 Credit Hours

**Necessary course signified by [ ]**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCR 301: Research Methods for the Health Care Professional</td>
<td>3</td>
<td>C</td>
<td>• Nursing or General Health Interest Track: SOC 101, choose 3 electives. • Health Professional School Track: CHM 234/238, PHY 111/113, PHY 112/114. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview.</td>
</tr>
<tr>
<td>HCR 303: Assessing Needs, Assets and Capacity for Health Education</td>
<td>3</td>
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**Term hours subtotal:** 16-15

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**Page 2**
The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways. The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions.

The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

<table>
<thead>
<tr>
<th>Track Course Requirement</th>
<th>4-3</th>
<th>C</th>
</tr>
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</table>

The Nursing or General Health Interest Track:
- Nursing or General Health Interest Track: SOC 101, choose 3 electives.
- Explore graduate programs including ASU's Master of Healthcare Innovation and the MS Regulatory Science.
- Gather professional references.
- Update your resume.

**Nursing or General Health Interest**

- BIO 201: Human Anatomy and Physiology I (SG)
- BIO 202: Human Anatomy and Physiology II (SG)
- CHM 101: Introductory Chemistry (SQ)
- HCR 240: Human Pathophysiology
- MAT 142: College Mathematics (MA)
- MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SQ)
- SOC 101: Introductory Sociology (SB)
- Elective
- Elective
- Elective

**Health Professional School**

- BIO 181: General Biology I (SQ)
- BIO 182: General Biology II (SG)
- CHM 113: General Chemistry I (SQ)
- CHM 116: General Chemistry II (SQ)
- PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)
- PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)
- CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I
- CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II
- MAT 251: Calculus for Life Sciences (MA)

**Term 8 105 - 120 Credit Hours Necessary course signified by ✨**

<table>
<thead>
<tr>
<th>Term hours subtotal:</th>
<th>16-15</th>
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</thead>
</table>

- HCI 311: Health Innovation: Foundational Concepts 3 C
- HCR 400: Evidence-Based Practice for the Health Care Professional 3 C
- HCR 406: Health Literacy for Health Care Professionals 3 C
- HCR 440: Interprofessional Approaches to Integrative Health Care 3 C

**Term 8 105 - 120 Credit Hours**

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<th>Term hours subtotal:</th>
<th>15</th>
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</table>

- HCI 428: Technology: A Tool to Advance Innovation in Health Care 3 C
- HCR 441: Legal and Ethical Issues Impacting Integrative Health Care 3 C
- HCR 449: Integrative Health Care Capstone 3 C
- TWC 443: Grant & Proposal Writing 3 C

- Upper Division Humanities, Arts and Design (HU) 3 C

**Upper Division Humanities, Arts and Design (HU)**

- HCI 428: Technology: A Tool to Advance Innovation in Health Care 3 C
- HCR 441: Legal and Ethical Issues Impacting Integrative Health Care 3 C
- HCR 449: Integrative Health Care Capstone 3 C
- TWC 443: Grant & Proposal Writing 3 C

- Upper Division Humanities, Arts and Design (HU) 3 C

**Nursing or General Health Interest**

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**Term 8 105 - 120 Credit Hours**

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- HCI 428: Technology: A Tool to Advance Innovation in Health Care 3 C
- HCR 441: Legal and Ethical Issues Impacting Integrative Health Care 3 C
- HCR 449: Integrative Health Care Capstone 3 C
- TWC 443: Grant & Proposal Writing 3 C

- Upper Division Humanities, Arts and Design (HU) 3 C

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- MAT 251: Calculus for Life Sciences (MA)
General Studies designations listed on the major map are current for the 2019 - 2020 academic year.

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 2019 - 2020 academic year.