










## 2023 - 2024 Major Map

### Innovation in Society, BS

School/College: College of Global Futures  
FIFISBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-ONL: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Join a <b>student club</b> or professional organization</li> </ul>
 FIS 111: Welcome to the Future	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
Term 2 - A 14 - 20 Credit Hours	Hours	Minimum Grade	Notes
MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b></li> </ul>
Elective	3		
Term hours subtotal:	6		
Term 2 - B 20 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 FIS 201: Innovation in Society (H)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	9		
Term 3 - A 29 - 36 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b></li> </ul>
Elective	3		
Term hours subtotal:	7		
Term 3 - B 36 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Complete 2 courses:			
Technical Elective	6	C	
Elective	3		
 Complete First-Year Composition requirement.			

 Complete Mathematics (MA) requirement.

Term hours subtotal: 9

Term 4 - A 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
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STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR SOC 390: Social Statistics I (CS)

3

C

- Use **Handshake** to research employment opportunities

Technical Elective

3

C

- Explore an **internship**

Term hours subtotal: 6

Term 4 - B 51 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 FIS 305: Ways of Knowing (L)

3

C

Complete 2 courses:

6

Elective

Term hours subtotal: 9

Term 5 - A 60 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 FIS 307: Navigating Futures (SB)

3

C

- Reflect on the **skills** you have and the skills you think you need

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)

3

Elective

3

Term hours subtotal: 9

Term 5 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 FIS Upper Division Elective

3

C

Elective

3

Term hours subtotal: 6

Term 6 - A 75 - 81 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 FIS 308: Politics, Markets and Innovation (SB)

3

C

- Develop your **professional online presence**

Upper Division Elective

3

Term hours subtotal: 6

Term 6 - B 81 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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Literacy and Critical Inquiry (L)


3

Upper Division Elective OR FIS 484: Internship

3

Elective

3

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

Term hours subtotal: 9

Term 7 - A 90 - 96 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 FIS Upper Division Elective

3

C

- Gather **professional references**
- Complete an in person or virtual **practice interview**

Social-Behavioral Sciences (SB)

3

Term hours subtotal: 6

Term 7 - B 96 - 105 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Related Area Elective

3

C

Complete 2 courses:

Term hours subtotal: 9

**Term 8 - A 105 - 111 Credit Hours Necessary course signified by****Hours****Minimum  
Grade****Notes**

FIS 480: Innovation in Society Studio

3

C

Upper Division Related Area Elective

3

C

Term hours subtotal: 6

- FIS 480 may be substituted with a capstone-like course or independent study course with faculty mentor of at least three credits. The substituted course must include demonstration of professional conduct and leadership; development and evaluation of applications and strategies; and written/oral communication of complex ideas to diverse audiences. Substitution must be approved. See advisor for more information.

**Term 8 - B 111 - 120 Credit Hours****Hours****Minimum  
Grade****Notes**

Complete 3 courses:

9

Upper Division Elective

Term hours subtotal: 9

## Hide Course List(s)/Track Group(s)

Technical Elective	Upper Division Related Area Electives	Upper Division Related Area Electives (Continued)
AEE OR AET OR AML OR ASM OR AST OR BIO OR BCH OR BME OR CEE OR CHE OR CNE OR EEE OR EET OR EGR OR FSE OR GLG OR GPH OR IEE OR LSE OR MAE OR MAT OR MBB OR MEE OR MET OR MFG OR MIC OR MSE OR PHS OR PHY OR PLB OR STP Elective	AFR 375: Race, Gender and Sport (SB & C)	IDS 301: Becoming Interdisciplinary
	ASB 300: Food and Culture ((L or SB) & C)	JUS 303: Justice Theory (L)
	ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G)	JUS 352: The Global Politics of Human Rights (SB & G)
	ASB 452: Community Partnerships for Global Health (SB)	MCO 425: Digital Media Literacy I
	ASM 414: Urban, Environmental and Health Challenges (SB)	OGL 350: Diversity and Organizations (L & C)
	BIO 311: Biology and Society	PAF 300: Public Management and Administration
	BIO 312: Bioethics (HU)	PAF 311: Leadership and Change (SB)
	BIO 320: Fundamentals of Ecology	PHI 306: Applied Ethics (HU)
	BIO 324: Environmental Ethics (HU)	PHI 329: History of Modern Philosophy (HU & H)
	CDE 350: Inequality and Diversity in Education (L & C)	PHI 330: Theory of Knowledge (HU)
	COM 312: Communication, Conflict, and Negotiation	PSY 306: Environmental Psychology (SB)
	ECN 312: Intermediate Microeconomic Theory (SB)	PSY 350: Social Psychology (SB)
	ECN 355: Economics of Healthcare	PUP 452: Ethics and Theory in Planning (L)
	ENT 305: Principles of Entrepreneurship	PUP 465: Sustainable Urbanism
	ENT 360: Entrepreneurship and Value Creation	REL 374: Witchcraft and Heresy in Europe ((L or HU) & H)
	FAS 332: Human Sexuality (SB)	SOC 315: Sociology of Dating, Relationships and Marriage (SB)

FSE 301: Entrepreneurship and Value Creation	SOC 352: Social Change (SB & G & H)
GCU 421: Geography of Arizona and Southwestern United States (SB & C)	SOC 420: Sociology of Religion (L or SB)
GPH 314: Global Change (HU & G)	SOS 315: Energy Policy
HCI 311: Health Innovation: Foundational Concepts	SOS 320: Society and Sustainability (L or SB)
HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing	SOS 321: Policy and Governance in Sustainable Systems
HCI 412: Transforming Health Care: A Systems Perspective for Innovation	SOS 322: International Development and Sustainability
HCI 421: Health Care Policy: The Innovator's View	SOS 327: Sustainable Food & Farms
HCI 425: Facilitating Innovation to Achieve Outcomes	SOS 328: Sustainability and Enterprise
HCI 428: Technology: A Tool to Advance Innovation in Health Care	SWU 349: Stress Management Tools II (SB)
HPS 314: Philosophy of Science (HU)	SWU 350: Whole Person Health Across the Lifespan (SB)
HPS 322: History of Science I (HU & H)	TWC 454: Information Technology and Culture (C)
HPS 340: Biology and Society	
HST 318: History of Engineering ((L or SB) & G)	
HST 345: Environmental History (L)	

#### Notes:

- 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.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

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

First-Year Composition

General Studies designations listed next to courses on the major map were valid for the 2023 - 2024 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.