



2022 - 2023 Major Map




Technological Leadership, BS



School/College: The College of Liberal Arts and Sciences
LATECLDRBS



Term 1 - A 0 - 7 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ IPI 196: Fundamentals of Inquiry	3	C	<ul style="list-style-type: none"> ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students. Select your Career Interest Communities and play me3@ASU.
ASU 101-LA: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ HDA 296: Creative Futures: Studio OR IPI 241: Designing and Making for an Interplanetary Future	3	C	<ul style="list-style-type: none"> Consult with your academic advisor to select the appropriate Making Pathway course (HDA 296 or IPI 241); see Course Lists/Track Groups section below for more Making Pathway details. View ASU Online first-year student registration information here.
MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA)	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Term hours subtotal:	9		
Term 2 - A 16 - 26 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ IPI 296: Inquiry (L)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	10		
Term 2 - B 26 - 32 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ HDA 296: Creative Futures: Studio OR IPI 241: Designing and Making for an Interplanetary Future	3	C	<ul style="list-style-type: none"> Design Making Pathway: complete HDA 296; Interplanetary Making Pathway: complete IPI 241. Create a first draft resume.
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
⚠ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Summer 2 32 - 44 Credit Hours	Hours	Minimum Grade	Notes
IPI 484: Internship	6	Y	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		

Term hours subtotal: 12

Term 3 - A 44 - 53 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 IPI 496: Advanced Inquiry	3	C	
STP 226: Elements of Statistics (CS)	3	C	
Science and Society Elective	3	C	
Term hours subtotal:	9		



Term 3 - B 53 - 62 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HDA 496: Creative Futures: Advanced Studio OR IPI 441: Advanced Designing and Making for an Interplanetary Future	3	C	<ul style="list-style-type: none"> Design Making Pathway: complete HDA 496; Interplanetary Making Pathway: complete IPI 441.
AME 230: Programming for the Media Arts (CS) OR CSE 110: Principles of Programming (CS)	3	C	
Cultural Diversity in the U.S. (C)	3		
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	9		

Term 4 - A 62 - 69 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 IPI 496: Advanced Inquiry	3	C	
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Term hours subtotal:	7		

Term 4 - B 69 - 78 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HDA 496: Creative Futures: Advanced Studio OR IPI 441: Advanced Designing and Making for an Interplanetary Future	3	C	<ul style="list-style-type: none"> Design Making Pathway: complete HDA 496; Interplanetary Making Pathway: complete IPI 441. Develop your professional online presence.
COM 230: Small Group Communication (SB)	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		

Summer 4 78 - 90 Credit Hours	Hours	Minimum Grade	Notes
IPI 484: Internship	6	Y	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	12		

Term 5 - A 90 - 99 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 IPI 496: Advanced Inquiry	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - B 99 - 105 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 HDA 496: Creative Futures: Advanced Studio OR IPI 441: Advanced Designing and Making for an Interplanetary Future	3	C	<ul style="list-style-type: none"> Design Making Pathway Track: complete HDA 496; Interplanetary Making Pathway: complete IPI 441.
LSE 305: Conceptualizing Learning: Theories in Practice	3	C	

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

• Use Handshake to research **employment opportunities**.

Term hours subtotal: 6

Term 6 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ IPI 496: Advanced Inquiry	3	C	
FIS 432: Problem Solving Through Strategic Thinking	3	C	
PSY 302: The Psychology of Positive Leadership	3	C	
Term hours subtotal:	9		

Term 6 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ HDA 496: Creative Futures: Advanced Studio OR IPI 441: Advanced Designing and Making for an Interplanetary Future	3	C	
Upper Division Science and Society Elective	3	C	
Term hours subtotal:	6		

• Design Making Pathway: complete HDA 496; Interplanetary Making Pathway: complete IPI 441.
• Gather **professional references**.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Selecting a Making Pathway: In consultation with an assigned academic advisor, students must select and complete a Making Pathway from one of the two options listed below. Each Making Pathway requires the completion of six lower-division credit hours and 12 upper-division credit hours. Please note that Making Pathways require multiple completions of the same course to fulfill these credit hour requirements.

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

Design Making Pathway	Interplanetary Making Pathway
Complete two semesters of:	Complete two semesters of:
HDA 296: Creative Futures: Studio	IPI 241: Designing and Making for an Interplanetary Future
Complete four semesters of:	Complete four semesters of:
HDA 496: Creative Futures: Advanced Studio	IPI 441: Advanced Designing and Making for an Interplanetary Future

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.

Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

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

Total College Residency Hrs: 12 minimum

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 2022 - 2023 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.