































2022 - 2023 Major Map

Computer Information Systems, BS

School/College: W. P. Carey School of Business
BACISBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CIS 105: Computer Applications and Information Technology (CS)	3	C	<ul style="list-style-type: none"> ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement Create your first college resume
 WPC 101: Student Success in Business	1		
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 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 210: Brief Calculus (MA)	3	C	<ul style="list-style-type: none"> View ASU Online first-year student registration information here. Join a student club or organization
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Business Skills Courses: No Grades of D or E			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		
Term 2 - A 16 - 25.25 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 211: Mathematics for Business Analysis	3	C	<ul style="list-style-type: none"> Join the W. P. Carey mentorship programs Research study abroad opportunities recommended for your major
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			
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		
Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		<ul style="list-style-type: none"> WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete 3 hours of elective credit.
ECN 211: Macroeconomic Principles (SB)	3	C	
 Business Skills Courses: No Grades of D or E			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		
Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by		Minimum	

	Hours	Grade	Notes
 ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> Explore career resources. Meet with your W. P. Carey Career Coach
ECN 212: Microeconomic Principles (SB)	3	C	
PSY course (SB)	3		
Term hours subtotal:	9		
Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> Explore career resources. Meet with your W. P. Carey Career Coach Attend W. P. Carey and ASU Career Fairs
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Business Skills Courses: No Grades of D or E			
 Complete ECN 211 AND ECN 212.			
 Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		
Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> Attend W. P. Carey and ASU career fairs Apply for internships or create one
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
Term 4 - B 53.50 - 61.50 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
General Studies Elective	4		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
 Business Skills Courses: No Grades of D or E			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	8		
Term 5 - A 61.50 - 67.75 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 CIS 235: Introduction to Information Systems	3	C	<ul style="list-style-type: none"> Meet with your W. P. Carey Career Coach Update your resume
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		
Term 5 - B 67.75 - 76.75 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 CIS 340: Business Information System Development I	3	C	<ul style="list-style-type: none"> Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
MGT 300: Organization and Management Leadership	3	C	
SCM 300: Global Supply Operations	3	C	
Term hours subtotal:	9		
Term 6 - A 76.75 - 82.75 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes

★ CIS 365: Business Database Systems Development	3	C	• Complete informational interviews
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	6		
Term 6 - B 82.75 - 91.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 345: Business Information System Development II	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
FIN 300: Fundamentals of Finance	3	C	
Upper Division International Business Elective AND Global Awareness (G)	3	C	
★ 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 91.75 - 98.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 425: Web Technologies for the Enterprise	3	C	• All upper-division Business Core classes (including an International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs
ENG 302: Business Writing (L)	3		
Elective	1		
Term hours subtotal:	7		
Term 7 - B 98.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 401: Managing Cyber Risks in Enterprise Business Processes	3	C	• Gather professional references • Update your resume
★ CIS 430: Mobile Platforms for Business	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	9		
Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 440: Capstone in Information Systems (L)	3	C	• Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Elective OR WPC 484: Internships & Applied Academics	3		
Term hours subtotal:	6.25		
Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

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

Upper Division International Business Course- select one course (3 credit hours)	General Studies Electives	Business Skills Courses - No Grades of D or E
AGB 302: International Management and Agribusiness (G)	ASL 101: American Sign Language I	ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting
ECN 306: Survey of International Economics (SB & G)	ASL 102: American Sign Language II	ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting
MGT 302: Principles of International Business (G)	ASL 201: American Sign Language III	CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)
MKT 425: Global Marketing Management (G)	ASL 202: American Sign Language IV	ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)
SCM 463: Global Supply Chain Management (G)	BIO 320: Fundamentals of Ecology	ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)
	COM 207: Introduction to Communication Inquiry	ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)
	COM 259: Communication in Business and the Professions	MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)
	COM 312: Communication, Conflict, and Negotiation	MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)
	COM 414: Crisis Communication	
	COM 430: Leadership in Group Communication	
	COM 453: Communication Training and Development	
	ENG 210: Introduction to Creative Writing	
	ENG 310: Intermediate Creative Writing	
	ENG 345: Selected Authors or Issues	
	FAS 301: Introduction to Parenting	
	MAT 242: Elementary Linear Algebra	
	MAT 243: Discrete Mathematical Structures	
	ROM 101: Elementary Romanian Language and Culture I	
	SPA 101: Elementary Spanish I	
	SPA 102: Elementary Spanish II	
	SPA 111: Fundamentals of Spanish	
	WPC 150: Business and Society	

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: 50 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 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.