2023 - 2024 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
⚠ WPC 101: Student Success in Business	1		• 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
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Create your first college resume
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	• View ASU Online first-year student registration information here.
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		• Join a student club or organization
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	• Research study abroad opportunities recommended for your major
MAT 211: Mathematics for Business Analysis	3	C	
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		• 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	
⚠ 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	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	• Explore career resources.
ECN 212: Microeconomic Principles (SB)	3	C	• Meet with your W. P. Carey Career Coach
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	• 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		
❗ Complete Mathematics (MA) requirement.			
	Term hours subtotal:	6.25	

Term 4 - A 46.50 - 53.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	• 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
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	4		
❗ 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	• 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	• 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: Principles of Management and 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 407: 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
ENG 302: Business Writing (L)	3		
Elective	1		• Attend W. P. Carey and ASU Career Fairs
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
⭐ CIS 430: Mobile Platforms for Business	3	C	• Update your resume
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: Internship	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		

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

Upper Division International Business Course- select one course (3 credit hours)

AGB 302: International Management and Agribusiness (G)

ECN 306: Survey of International Economics (SB & G)

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

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 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.