











2022 - 2023 Major Map

Business (Information Security), BA

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

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 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	<ul style="list-style-type: none"> View ASU Online first-time freshmen registration information here. Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1 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 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	<ul style="list-style-type: none"> Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2 WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. 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		

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 ⚠	Hours	Minimum 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 • Attend W. P. Carey and ASU Career Fairs
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"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
General Studies Elective	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 - 55.50 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		
Upper Division Elective	2		
Term hours subtotal:	9		

Term 4 - B 55.50 - 61.50 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
⚠ Business Skills Courses: No Grades of D or E			
⚠ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

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 325: Fundamental Techniques for Business Data Analytics	3	C
★ CIS 401: Managing Cyber Risks in Enterprise Business Processes	3	C
WPC 300: Problem Solving and Actionable Analytics	3	C
Term hours subtotal:	9	

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.

Term 6 - A 76.75 - 85.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 402: Privacy, Ethics and Compliance Issues	3	C	• Complete informational interviews
ENG 302: Business Writing (L)	3		
SCM 300: Global Supply Operations	3	C	
Term hours subtotal:	9		

Term 6 - B 85.75 - 91.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 360: Business Database Concepts	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
Upper Division International Business Course 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:	6		

Term 7 - A 91.75 - 100.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACO 330: Computer Networks	3	C	• Attend W. P. Carey and ASU Career Fairs
FIN 300: Fundamentals of Finance	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 7 - B 100.75 - 107.75 Credit Hours	Hours	Minimum Grade	Notes
MGT 300: Organization and Management Leadership	3	C	• Gather professional references • Update your resume
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FOR 350: Computer Forensics	3	C	• Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours	Hours	Minimum Grade	Notes
LES 305: Business Law and Ethics for Managers	3	C	
Literacy and Critical Inquiry (L)	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.
- Students cannot share Upper Division International Business Elective with concentration course requirements.

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

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course- select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	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)
General Studies Electives	Business Skills Courses - No Grades of D or E	
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	
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	
ASL 201: American Sign Language III	CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)	
ASL 202: American Sign Language IV	ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)	
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 Quantitative Course	
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: 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 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.