











2021 - 2022 Major Map






Computer Information Systems, BS







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





FT Fast Track Options: 3 Year




A student must speak with an advisor in order to be added to a fast track plan.

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<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 Join a student club or organization Create your first college resume
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	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 210: Brief Calculus (MA)	3	C	
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:	16		
Term 2 16 - 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 three hours of elective credit. Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. Join the W. P. Carey mentorship programs Explore student leadership opportunities in W. P. Carey Research study abroad opportunities recommended for your major
ECN 211: Macroeconomic Principles (SB)	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			
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	
 Business Skills Courses: No Grades of D or E			
 Complete CIS 105 with a grade of "C" or better.			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete MAT 210 with a grade of "C" or better.			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		
		Minimum	

Term 3 31.25 - 47.50 Credit Hours Critical course signified by 	Hours	Grade	Notes
ACC 231: Uses of Accounting Information I	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 Explore career resources Develop your professional online presence Meet with your W. P. Carey Career Coach Attend W. P. Carey and ASU Career Fairs
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
PSY course (SB)	3		
Natural Science - Quantitative (SQ)	4		
 Business Skills Courses: No Grades of D or E			
 Complete ECN 211 OR ECN 212 with a grade of "C" or better.			
 Complete MAT 211 with a grade of "C" or better.			
 Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16.25		

Term 4 47.50 - 62.50 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CIS 235: Introduction to Information Systems	3	C	<ul style="list-style-type: none"> Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. Attend W. P. Carey and ASU career fairs Apply for internships or create one
ACC 241: Uses of Accounting Information II	3	C	
General Studies Elective	4		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	1		
 Business Skills Courses: No Grades of D or E			
 Complete ACC 231 with a grade of "C" or better.			
 Complete ECN 221 with a grade of "C" or better.			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 62.50 - 77.75 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. Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. Meet with your W. P. Carey Career Coach Update your resume
 CIS 365: Business Database Systems Development	3	C	
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete ACC 241 with a grade of "C" or better.			
Term hours subtotal:	15.25		

Term 6 77.75 - 92.75 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 CIS 345: Business Information System Development II	3	C	<ul style="list-style-type: none"> Complete informational interviews Complete an in person or virtual practice interview with your W. P. Carey Career Coach
 CIS 425: Web Technologies for the Enterprise	3	C	
ENG 302: Business Writing (L)	3		
WPC 300: Problem Solving and Actionable Analytics	3	C	
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: 15

Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 401: Managing Cyber Risks in Enterprise Business Processes	3	C	<ul style="list-style-type: none"> • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume
★ CIS 430: Mobile Platforms for Business	3	C	
FIN 300: Fundamentals of Finance	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
MGT 300: Organization and Management Leadership	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:		15	

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 440: Capstone in Information Systems (L)	3	C	<ul style="list-style-type: none"> • Apply for full-time career opportunities
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective OR CIS 484: Internship OR WPC 484: Internships & Applied Academics	3		
Term hours subtotal:		12.25	

- 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	General Studies Electives Continued
AGB 302: International Management and Agribusiness (G)	ASL 101: American Sign Language I	LAT 101: Elementary Latin
ECN 306: Survey of International Economics (SB & G)	ASL 102: American Sign Language II	LAT 102: Elementary Latin
MGT 302: Principles of International Business (G)	ASL 201: American Sign Language III	MAT 242: Elementary Linear Algebra
MKT 425: Global Marketing Management (G)	ASL 202: American Sign Language IV	MAT 243: Discrete Mathematical Structures
SCM 463: Global Supply Chain Management (G)	BIO 320: Fundamentals of Ecology	MAT 310: Introduction to Geometry
	CHI 110: Intensive Chinese I	MAT 342: Linear Algebra
	CHI 205: Chinese Calligraphy	MAT 370: Intermediate Calculus
	COM 207: Introduction to Communication Inquiry	MAT 371: Advanced Calculus I
	COM 259: Communication in Business and the Professions	MAT 372: Advanced Calculus II
	COM 281: Communication Activities	MAT 410: Introduction to General Topology
		MAT 415: Introduction to Combinatorics
		MAT 416: Graph Theory

COM 312: Communication, Conflict, and Negotiation	MAT 442: Advanced Linear Algebra
COM 341: Social Contexts for Performance	MAT 443: Introduction to Abstract Algebra
COM 414: Crisis Communication	MAT 444: Intermediate Abstract Algebra
COM 430: Leadership in Group Communication	MAT 445: Theory of Numbers
COM 453: Communication Training and Development	MAT 460: Vector Calculus
COM 465: Intercultural Communication Workshop	MAT 461: Applied Complex Analysis
ENG 210: Introduction to Creative Writing	MAT 462: Applied Partial Differential Equations
ENG 213: Introduction to the Study of Language	MAT 472: Intermediate Real Analysis I
ENG 310: Intermediate Creative Writing	MAT 475: Differential Equations
ENG 314: Modern Grammar	MAT 485: History of Mathematics
ENG 345: Selected Authors or Issues	ROM 101: Elementary Romanian Language and Culture I
FAS 301: Introduction to Parenting	ROM 201: Intermediate Romanian Language and Culture I
GCU 433: Geography of Southeast Asia	ROM 313: Romanian Composition and Conversation
GRK 101: Elementary Ancient Greek	ROM 314: Romanian Composition and Conversation
GRK 201: Intermediate Ancient Greek	RUS 101: Elementary Russian I
HST 389: Japan Society and Values/Premod	RUS 102: Elementary Russian II
IDN 101: Elementary Indonesian I	SPA 101: Elementary Spanish I
IDN 102: Elementary Indonesian II	SPA 102: Elementary Spanish II
JPN 110: Intensive Japanese I	SPA 111: Fundamentals of Spanish
JPN 206: Japanese Calligraphy	SPA 486: Chicano/a Novel: <i>Áltima</i> , <i>Rafa y Lala</i>
JPN 414: Introduction to Classical Japanese	UNI 110: Critical Reading and Thinking
KOR 101: First-Year Korean I	WPC 150: Business and Society
KOR 102: First-Year Korean II	
Business Skills Courses - No Grades of D or E	
ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting	
ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting	
CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)	
ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)	

ECN 212: Microeconomic Principles (SB) or
ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN
231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT
270: Calculus with Analytic Geometry I
(MA)

MAT 211: Mathematics for Business
Analysis or MAT 271: Calculus with
Analytic Geometry II (MA)

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 2021 - 2022 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.