
















# 2020 - 2021 Major Map







## Business (Information Security), BA



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

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses</li> <li>Mathematics Placement Assessment score determines placement in mathematics course</li> <li>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. See academic advisor for appropriate Student Success course requirement if not a first-time freshman</li> <li>Join a student <a href="#">club or organization</a></li> <li>Create your first college <a href="#">resume</a></li> </ul>
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	
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 <b>Critical course signified by</b> 	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"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>Join the W. P. Carey <a href="#">mentorship programs</a></li> <li>Explore student <a href="#">leadership opportunities</a> in W. P. Carey</li> <li>Research <a href="#">study abroad opportunities</a> recommended for your major</li> </ul>
ECN 211: Macroeconomic Principles (SB)	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	
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
PSY course (SB)	3		
 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

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>New transfer students will take WPC 347</li> <li>Explore <a href="#">career resources</a></li> <li>Develop your <a href="#">professional online presence</a></li> <li>Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>Attend <a href="#">W. P. Carey</a> and ASU Career Fairs</li> </ul>
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	
Cultural Diversity in the U.S. (C)	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 - 61.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 235: Introduction to Information Systems	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>Attend <a href="#">W. P. Carey</a> and ASU career fairs</li> <li>Apply for <a href="#">internships</a> or <a href="#">create</a> one</li> </ul>
ACC 241: Uses of Accounting Information II	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division 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:		14	

Term 5 61.50 - 76.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 325: Fundamental Techniques for Business Data Analytics	3	C	<ul style="list-style-type: none"> <li>Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major.</li> </ul>

★ CIS 360: Business Database Concepts	3	C
ENG 302: Business Writing (L)	3	
MKT 300: Marketing and Business Performance	3	C
WPC 348: Junior Networking Foundations	0.25	C
General Studies Elective	3	
★ Complete ACC 241 with a grade of "C" or better.		
Term hours subtotal:		15.25

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](#)

Term 6 76.75 - 91.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ ACO 351: Governance, Risk and Compliance OR ACO 402: Privacy, Ethics and Compliance Issues or CIS 402: Privacy, Ethics and Compliance Issues	3	C
★ CIS 401: Managing Cyber Risks in Enterprise Business Processes	3	C
WPC 300: Problem Solving and Actionable Analytics	3	C
Upper Division International Business Elective AND Global Awareness (G)	3	C
Upper Division Humanities, Arts and Design (HU)	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:		15

- Complete [informational interviews](#)
- Complete an in person or virtual practice interview with your [W. P. Carey Career Coach](#)

Term 7 91.75 - 106.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ ACO 330: Computer Networks	3	C
FIN 300: Fundamentals of Finance	3	C
SCM 300: Global Supply Operations	3	C
General Studies Elective	3	
Upper Division Elective OR WPC 484: Internship	3	
Term hours subtotal:		15

- Attend [W. P. Carey](#) and [ASU Career Fairs](#)
- Gather [professional references](#)
- Update your [resume](#)
- Meet with your academic advisor to discuss your internship course options

Term 8 106.75 - 120.00 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ FOR 350: Computer Forensics	3	C
MGT 300: Organization and Management Leadership	3	C

- Apply for [full-time career opportunities](#)

LES 305: Business Law and Ethics for Managers	3	C
WPC 448: Senior Career Transition Management	0.25	C
Upper Division Elective	1	
Elective	3	
Term hours subtotal:		13.25

- W. P. Carey School of Business students may not use courses with the following prefixes to satisfy General Studies course requirements: ACC, AGB, BUA, BUS, CIS, ECN, ENT, FIN, LES, MGT, MKT, QBA, REA, SCM, WPC.
- 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.
- ASU Language Placement:** Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.

#### 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
	COM 312: Communication, Conflict, and Negotiation	MAT 415: Introduction to Combinatorics
	COM 341: Social Contexts for Performance	MAT 416: Graph Theory
	COM 414: Crisis Communication	MAT 442: Advanced Linear Algebra
	COM 430: Leadership in Group Communication	MAT 443: Introduction to Abstract Algebra
	COM 453: Communication Training and Development	MAT 444: Intermediate Abstract Algebra
	COM 465: Intercultural Communication Workshop	MAT 445: Theory of Numbers
	ENG 210: Introduction to Creative Writing	MAT 460: Vector Calculus
	ENG 213: Introduction to the Study of Language	MAT 461: Applied Complex Analysis
		MAT 462: Applied Partial Differential Equations
		MAT 472: Intermediate Real Analysis I
		MAT 475: Differential Equations

ENG 310: Intermediate Creative Writing	MAT 485: History of Mathematics
ENG 314: Modern Grammar	POR 101: Elementary Portuguese I
ENG 345: Selected Authors or Issues	POR 102: Elementary Portuguese II
FAS 301: Introduction to Parenting	ROM 101: Elementary Romanian
GCU 433: Geography of Southeast Asia	ROM 201: Intermediate Romanian
GRK 101: Elementary Ancient Greek	ROM 313: Romanian Composition and Conversation
GRK 201: Intermediate Ancient Greek	ROM 314: Romanian Composition and Conversation
HST 389: Japan Society and Values/Premod	RUS 101: Elementary Russian I
JPN 110: Intensive Japanese I	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 206: Japanese Calligraphy	SPA 111: Fundamentals of Spanish
JPN 414: Introduction to Classical Japanese	SPA 486: Chicano/a Novel: Última, Rafa y Lala
KOR 101: First-Year Korean I	UNI 110: Critical Reading and Thinking
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)

**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 2020 - 2021 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.