







## 2024 - 2025 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
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <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</li> <li>Create your first college <a href="#">resume</a></li> </ul>
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			
CIS 105: Computer Applications and Information Technology (QTRS OR CS)	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MATH) OR MAT 210 Track AND Mathematics (MATH)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-time freshmen registration information <a href="#">here</a>.</li> <li>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)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a <a href="#">student club or organization</a></li> </ul>
Humanities, Arts and Design (HUAD)	3		
SOC Elective AND Social and Behavioral Sciences (SOBE)	3		
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			<ul style="list-style-type: none"> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>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.</li> <li>Research <a href="#">study abroad opportunities</a> recommended for your major</li> </ul>
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	
MAT 117 Track AND Mathematics (MATH) OR MAT 210 Track AND Mathematics (MATH)	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 (SOBE OR SB) OR COM 225: Public Speaking (CIVI OR L) OR COM 230: Small Group Communication (SOBE OR SB)	3		
ECN 211: Macroeconomic Principles (SOBE OR 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	<ul style="list-style-type: none"> <li>• Explore <b>career resources</b></li> <li>• Meet with your <b>W. P. Carey Career Coach</b></li> <li>• Attend <b>W. P. Carey</b> and <b>ASU Career Fairs</b></li> </ul>
ECN 212: Microeconomic Principles (SOBE OR SB)	3	C	
PSY Elective AND Social and Behavioral Sciences (SOBE)	3		
Term hours subtotal:	9		



Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	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>• Develop your <b>professional online presence</b></li> </ul>
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Elective	3		
 Complete Mathematics (MATH) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (QTRS OR CS)	3	C	<ul style="list-style-type: none"> <li>• Attend <b>W. P. Carey</b> and <b>ASU</b> career fairs</li> <li>• Apply for <b>internships</b> or <b>create</b> one</li> </ul>
Scientific Thinking in Natural Sciences (SCIT)	4		
Upper Division Elective	2		
Term hours subtotal:	9		

Term 4 - B 55.50 - 62.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HUAD)	3		
Scientific Thinking in Natural Sciences (SCIT)	4		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 62.50 - 68.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 235: Introduction to Information Systems, Analytics and AI in Business	3	C	<ul style="list-style-type: none"> <li>• Meet with your <b>W. P. Carey Career Coach</b></li> <li>• Update your <b>resume</b></li> </ul>
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 68.75 - 77.75 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. Major coursework must be unique to each degree program.</li> </ul>
 CIS 401: Managing Cyber Risks in Enterprise Business Processes	3	C	
WPC 300: Problem Solving and Actionable Analytics (QTRS)	3	C	
Term hours subtotal:	9		

Term 6 - A 77.75 - 86.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 402: Privacy, Ethics and Compliance Issues	3	C	<ul style="list-style-type: none"> <li>• Complete <b>informational interviews</b></li> </ul>
ENG 302: Business Writing (L)	3		

SCM 300: Global Supply Operations (SUST)	3	C
Term hours subtotal:	9	

Term 6 - B 86.75 - 92.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ CIS 360: Business Database Concepts	3	C	<ul style="list-style-type: none"> <li>Complete an in person or virtual practice interview with your <b>W. P. Carey Career Coach</b></li> </ul>
Upper Division International Business Course AND Global Communities, Societies and Individuals (GCSI)	3	C	
Term hours subtotal:	6		

Term 7 - A 92.75 - 101.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ ACO 330: Computer Networks	3	C	<ul style="list-style-type: none"> <li>Attend <b>W. P. Carey</b> and <b>ASU Career Fairs</b></li> </ul>
FIN 300: Fundamentals of Finance	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
Term hours subtotal:	9		

Term 7 - B 101.75 - 107.75 Credit Hours	Hours	Minimum Grade	Notes
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MGT 300: Principles of Management and Leadership	3	C	<ul style="list-style-type: none"> <li>Gather <b>professional references</b></li> <li>Update your <b>resume</b></li> </ul>
American Institutions (AMIT)	3		
Term hours subtotal:	6		

Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ FOR 350: Computer Forensics	3	C	<ul style="list-style-type: none"> <li>Apply for <b>full-time career opportunities</b></li> </ul>
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
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WPC 470: Business Administration Capstone	3		
Governance and Civic Engagement (CIVI)	3		
Term hours subtotal:	6		

- 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 (MATH OR MA)	MAT 210: Brief Calculus (MATH OR MA)	AGB 302: International Management and Agribusiness (GCSI OR G)
MAT 210: Brief Calculus (MATH OR MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (QTRS OR CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (QTRS OR CS)	ECN 306: Survey of International Economics (GCSI OR SB & G)
		MGT 302: Principles of International Business (GCSI OR G)
		MKT 425: Global Marketing Management (GCSI OR G)

- **Total Hours:** 120
- **Upper Division Hours:** 45 minimum
- **University Undergraduate Graduation Requirements**

**Notes:**

Mathematics Placement Assessment score determines placement in first mathematics course.

General Studies designations listed next to courses on the major map were valid for the 2024 - 2025 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.