







## 2024 - 2025 Major Map

### Business Data Analytics, BS

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

#### **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"><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>Join a student <b>club or organization</b></li><li>Create your first college <b>resume</b></li></ul>
CIS 105: Computer Applications and Information Technology (QTRS OR 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 (MATH OR MA)	3	C	
SOC Elective AND Social and Behavioral Sciences (SOBE)	3		
Humanities, Arts and Design (HUAD)	3		
Term hours subtotal:	16		
Term 2 16 - 31.25 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
COM 259: Communication in Business and the Professions (CIVI)	3		<ul style="list-style-type: none"><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>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li><li>Explore student <b>leadership opportunities</b> in W. P. Carey</li><li>Research <b>study abroad opportunities</b> recommended for your major</li></ul>
ECN 211: Macroeconomic Principles (SOBE OR 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	
WPC 150: Business and Society	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		
Term 3 31.25 - 47.50 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"><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 <b>career resources</b></li></ul>
ECN 212: Microeconomic Principles (SOBE OR SB)	3	C	
ECN 221: Business Statistics (QTRS OR CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	

PSY Elective AND Social and Behavioral Sciences (SOBE)	3
Scientific Thinking in Natural Sciences (SCIT)	4
❖ Complete Mathematics (MATH) requirement.	
Term hours subtotal:	16.25

- Develop your **professional online presence**
- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU** Career Fairs

Term 4 47.50 - 63.50 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
CIS 235: Introduction to Information Systems, Analytics and AI in Business	3	C	
Scientific Thinking in Natural Sciences (SCIT)	4		
Humanities, Arts and Design (HUAD)	3		
Elective	3		
❖ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

- 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**

Term 5 63.50 - 77.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CIS 315: Introduction to Business Data Analytics	3	C	
★ CIS 407: Business Database Systems Development	3	C	
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations (SUST)	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Upper Division Elective	2		
Term hours subtotal:	14.25		

- 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**

Term 6 77.75 - 92.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CIS 325: Fundamental Techniques for Business Data Analytics	3	C	
★ CIS 409: Business Data Warehouses and Dimensional Modeling	3	C	
★ Upper Division International Business Course AND Global Communities, Societies and Individuals (GCSI)	3	C	
ENG 302: Business Writing (L)	3		
WPC 300: Problem Solving and Actionable Analytics (QTRS)	3	C	
Term hours subtotal:	15		

- Complete **informational interviews**
- Complete an in person or virtual practice interview with your **W. P. Carey Career Coach**

Term 7 92.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CIS 412: Business Machine Learning	3	C	
★ CIS 415: Big Data Analytics in Business	3	C	
FIN 300: Fundamentals of Finance	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
MGT 300: Principles of Management and Leadership	3	C	
Complete FIN 300 AND LES 305 AND MGT 300 AND			
★ International Business Course (GCSI) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	15		

- 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**

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 450: Enterprise Analytics	3	C	• 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	
American Institutions (AMIT)	3		
Elective OR CIS 484: Internship OR WPC 484: Internships & Applied Academics	3		
Term hours subtotal:	12.25		

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

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

AGB 302: International Management and Agribusiness (GCSI OR G)

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)

SCM 463: Global Supply Chain Management (GCSI OR G)

- **Total Hours:** 120
- **Upper Division Hours:** 50 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.