2024 - 2025 Major Map
Computer Information Systems - 3.0 Years, BS

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

FT Fast Track Options: Return to 4 Year Plan

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

In order to complete a fast track degree plan, you must take courses during the summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

Term 1 0 - 16 Credit Hours Critical course signified by ♦	Hours	Minimum Grade	Notes
♦ WPC 101: Student Success in Business	1		• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ACC 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 (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
CIS 235: Introduction to Information Systems, Analytics and AI in Business	3	C	• 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. • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major.
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		

Summer 2 Session 1 31.25 - 37.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	
ECN 221: Business Statistics (QTRS OR CS)	3	C	
Term hours subtotal:	6		

Summer 2 Session 2 37.25 - 43.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
COM 259: Communication in Business and the Professions (CIVI)	3		
Term hours subtotal:	6		

Term 3 43.25 - 59.50 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
CIS 340: Business Information System Development I	3	C	• 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
CIS 407: Business Database Systems Development	3	C	
ECN 212: Microeconomic Principles (SOBE OR SB)	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		

Term 4 59.50 - 77.50 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
CIS 425: Web Technologies for the Enterprise	3	C	• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one
ENG 302: Business Writing (L)	3		
FIN 300: Fundamentals of Finance	3	C	
MGT 300: Principles of Management and Leadership	3	C	
Upper Division Computer Information Systems Elective	3	C	
WPC 300: Problem Solving and Actionable Analytics (QTRS)	3	C	
◆ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	18		

Summer 4 77.50 - 84.75 Credit Hours	Hours	Minimum Grade	Notes
WPC 348: Junior Networking Foundations	0.25	C	
Scientific Thinking in Natural Sciences (SCIT)	4		
Humanities, Arts and Design (HUAD)	3		
Term hours subtotal:	7.25		

Term 5 84.75 - 102.75 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ CIS 401: Managing Cyber Risks in Enterprise Business Processes	3	C	• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Meet with your W. P. Carey Career Coach • Complete informational interviews • Attend W. P. Carey and ASU Career Fairs
⭐ Upper Division Computer Information Systems Elective	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations (SUST)	3	C	
Upper Division International Business Course AND Global Communities, Societies and Individuals (GCSI)	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:	18		

Term 6 102.75 - 120.00 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ CIS 440: Capstone in Information Systems (L)	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: Internship	3		
Upper Division Elective	2		
Elective	3		
Term hours subtotal:	17.25		

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

Upper Division International Business Course - select one course (3 credit hours)	Computer Information Systems Elective - select two courses (6 credit hours)
AGB 302: International Management and Agribusiness (GCSI OR G)	CIS 308: Advanced Excel in Business
ECN 306: Survey of International Economics (GCSI OR SB & G)	CIS 309: Business Process Management
MGT 302: Principles of International Business (GCSI OR G)	CIS 310: Business Data Visualization
MKT 425: Global Marketing Management (GCSI OR G)	CIS 311: Business Agile Project Management
SCM 463: Global Supply Chain Management (GCSI OR G)	CIS 312: Business Mobile Commerce and Monetization
	CIS 313: Location Analytics in Business
	CIS 315: Introduction to Business Data Analytics
	CIS 325: Fundamental Techniques for Business Data Analytics
	CIS 345: Business Information System Development II
	CIS 402: Privacy, Ethics and Compliance Issues
	CIS 405: Business Intelligence
	CIS 409: Business Data Warehouses and Dimensional Modeling
	CIS 412: Business Machine Learning
	CIS 415: Big Data Analytics in Business
	CIS 430: Mobile Platforms for Business
	CIS 484: Internship
	(Maximum three credit hours of CIS 484 may be applied toward the major)

- **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.