

Curriculum - Computer Information Systems, BS

Catalog Year: 2026 - 2027 **General Studies Gold**

Degree: Bachelor of Science, BS

College/School: [W. P. Carey School of Business](#)

Plan Code: BACISBS

Minimum credit hours: 120

Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR WPC 347 Intermediate Career Management Career Navigation Course Sequence: Continuing first-year students will take WPC 248, after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance OR FIN 303 Honors Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership OR MGT 303 Honors Organizational Strategies, Leadership, and Behavior	C	3

Requirement	Minimum Grade	Credit Hours
MKT 300 Marketing and Business Performance OR MKT 303 Honors Marketing Theory and Practice	C	3
SCM 300 Global Supply Operations OR SCM 303 Honors Global Supply Operations	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course		
AGB 302 International Management and Agribusiness (GCSI)		
ECN 306 Survey of International Economics (GCSI)		
MGT 302 Principles of International Business (GCSI)	C	3
MKT 425 Global Marketing Management (GCSI)		
SCM 463 Global Supply Chain Management (GCSI)		
AND Global Communities, Societies, and Individuals (GCSI)		
Major Courses		
CIS 235 Introduction to Information Systems, Analytics and AI in Business	C	3
CIS 340 Business Information System Development I	C	3
CIS 401 Managing Cyber Risks in Enterprise Business Processes	C	3
CIS 407 Business Database Systems Development	C	3
CIS 425 Web Technologies for the Enterprise	C	3
CIS 440 Capstone in Information Systems	C	3
Upper Division Computer Information Systems Major Electives		
CIS 300 Web Design and Development		
CIS 308 Advanced Excel in Business		

CIS 309 Business Process Management

CIS 310 Business Data Visualization

CIS 311 Business Agile Project Management

CIS 312 Business Mobile Commerce and Monetization

CIS 313 Location Analytics in Business

CIS 315 Introduction to Business Data Analytics

CIS 404 Programming for Analytics and AI in Business

CIS 405 Business Intelligence

CIS 406 AI Foundations in Business

CIS 409 Business Data Warehouses and Dimensional Modeling

CIS 412 Business Machine Learning

CIS 415 Big Data and AI in Business

CIS 446 Data and Technology Governance in Business

CIS 484 Internship

(Maximum three credits of CIS 484 may be applied towards the major)

CIS 493 Honors Thesis

(Maximum three credits of CIS 493 may be applied towards the major)

Business Capstone

WPC 480 W. P. Carey Capstone Course

All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480.

C

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Business Skill Courses

ACC 231 Uses of Accounting Information I

OR ACC 261 Honors Fundamentals of Financial Accounting

C 3

ACC 241 Uses of Accounting Information II

OR ACC 271 Honors Fundamentals of Managerial Accounting

C 3

CIS 105 Computer Applications and Information Technology (QTRS)

C 3

ECN 211 Macroeconomic Principles (SOBE)

C 3

ECN 212 Microeconomic Principles (SOBE)

C 3

ECN 221 Business Statistics (QTRS)

C 3

MAT 210 Brief Calculus (MATH)

C 3

MAT 211 Mathematics for Business Analysis

C 3

Other Business Courses

COM 259 Communication in Business and the Professions (CIVI)

3

ENG 302 Business Writing

3

PSY Elective AND Social and Behavioral Sciences (SOBE)

3

SOC Elective AND Social and Behavioral Sciences (SOBE)

3

WPC 150 Business and Society

WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.

C 3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business

WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.

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First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**

OR **ENG 105 Advanced First-Year Composition** C 6

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill [university graduation requirements](#), including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses.

All undergraduate students must complete [General Studies requirements](#).

[Mathematics Placement Assessment](#) score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.00 GPA in all courses offered by the W. P. Carey School of Business.

Students must earn a 2.00 GPA in major courses.

Students must complete a minimum of 34 credit hours of W. P. Carey School of Business courses at ASU.

General Studies designations listed next to courses were valid for the 2026 - 2027 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.