2019 - 2020 Major Map
Business (Statistics), BA

School/College: W. P. Carey School of Business
Location: West campus

ASU is not currently accepting applications for this program.

### Term 1 0 - 17 Credit Hours Critical course signified by

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>WPC 101: Student Success in Business</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIS 105: Computer Applications and Information Technology (CS)</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>ENG 101 or ENG 102: First-Year Composition OR</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>ENG 105: Advanced First-Year Composition OR</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>ENG 107 or ENG 108: First-Year Composition</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>MAT 270: Calculus with Analytic Geometry I (MA)</td>
<td>4</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>SOC OR PSY course (SB)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Humanities, Arts and Design (HU) AND Historical Awareness (H)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum 2.00 GPA ASU Cumulative.</td>
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</tbody>
</table>

Term hours subtotal: 17

### Term 2 17 - 33.25 Credit Hours Critical course signified by

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>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</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>ENG 101 or ENG 102: First-Year Composition OR</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>ENG 105: Advanced First-Year Composition OR</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>ENG 107 or ENG 108: First-Year Composition</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>MAT 271: Calculus with Analytic Geometry II (MA)</td>
<td>4</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>WPC Career Preparation Course</td>
<td>0.25</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>SOC OR PSY course (SB)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum 2.00 GPA ASU Cumulative.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Term hours subtotal: 16.25

### Term 3 33.25 - 49.50 Credit Hours Critical course signified by

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>STP 280: Probability and Statistics for Researchers (CS)</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>ACC 231: Uses of Accounting Information I</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
</tbody>
</table>

- An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses.
- Mathematics Placement Assessment score determines placement in mathematics course.
- ASU 101 or college-specific equivalent First-Year Seminar required of all freshman students. WPC 101 is the W. P. Carey School course that meets this requirement.
- 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
- Join the W. P. Carey mentorship programs
- Research study abroad opportunities recommended for your major
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) 3 C
WPC Career Preparation Course 0.25 C
Natural Science - Quantitative (SQ) 4
Elective 3

Complete ECN 211 or ECN 212 with a grade of "C" or better.
Complete MAT 271 with a grade of "C" or better.
Minimum 2.00 GPA ASU Cumulative.
Complete Mathematics (MA) requirement.

Term hours subtotal: 16.25

Term 4 49.50 - 62.50 Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>STP 281: Statistical Analysis for Researchers</td>
<td>3 C</td>
<td></td>
</tr>
<tr>
<td>ACC 241: Uses of Accounting Information II</td>
<td>3 C</td>
<td></td>
</tr>
<tr>
<td>MAT 272: Calculus with Analytic Geometry III (MA) OR General Studies Elective</td>
<td>3-4</td>
<td></td>
</tr>
<tr>
<td>Cultural Diversity in the U.S. (C)</td>
<td>3 C</td>
<td></td>
</tr>
<tr>
<td>Upper Division Elective</td>
<td>1 C</td>
<td></td>
</tr>
</tbody>
</table>

Complete ACC 231 with a grade of "C" or better.
Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 13-14

Term 5 62.50 - 78.75 Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>STP 310: Design and Analysis of Experiments</td>
<td>3 C</td>
<td></td>
</tr>
<tr>
<td>ENG 302: Business Writing (L)</td>
<td>3 C</td>
<td></td>
</tr>
<tr>
<td>MKT 300: Marketing and Business Performance</td>
<td>3 C</td>
<td></td>
</tr>
<tr>
<td>SCM 300: Global Supply Operations</td>
<td>3 C</td>
<td></td>
</tr>
<tr>
<td>WPC Career Preparation Course</td>
<td>0.25</td>
<td>C</td>
</tr>
<tr>
<td>Natural Science - Quantitative (SQ) OR Natural Science - General (SG)</td>
<td>4 C</td>
<td></td>
</tr>
</tbody>
</table>

Complete ACC 241 with a grade of "C" or better.

Term hours subtotal: 16.25

Term 6 78.75 - 93.75 Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>STP 311: Regression and Time Series Analyses</td>
<td>3 C</td>
<td></td>
</tr>
<tr>
<td>FIN 300: Fundamentals of Finance</td>
<td>3 C</td>
<td></td>
</tr>
<tr>
<td>MGT 300: Organization and Management Leadership</td>
<td>3 C</td>
<td></td>
</tr>
<tr>
<td>Upper Division International Business Course AND Global Awareness (G)</td>
<td>3 C</td>
<td></td>
</tr>
<tr>
<td>Upper Division Humanities, Arts and Design (HU)</td>
<td>3 C</td>
<td></td>
</tr>
</tbody>
</table>

Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

Term 7 93.75 - 107.75 Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
</tr>
</thead>
</table>

Complete informational interviews

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
WPC Career Preparation Courses (1 credit hr total)
WPC 148: Freshman Career Preparation
WPC 248: Sophomore Career Preparation
WPC 348: Junior Career Preparation
WPC 448: Intensive Career Preparation
WPC 449: Campus to Career

Upper Division Statistics Concentration Elective
Upper Division Elective OR STP 484: Internship OR WPC 484: Internship
Upper Division Elective

Upper Division Statistics Concentration - choose one course (3 credit hours)
STP 315: Statistical Computing
STP 421: Probability
STP 427: Mathematical Statistics
STP 450: Nonparametric Statistics
STP 452: Multivariate Statistics
STP 460: Categorical Data Analysis

Upper Division Elective
WPC 300: Problem Solving and Actionable Analytics

STP 451: Quality Improvement
STP 484: Internship

NET 305: Business Law and Ethics for Managers
WPC Career Preparation Course
Literacy and Critical Inquiry (L)
Upper Division Elective OR STP 484: Internship OR WPC 484: Internship

Term hours subtotal: 14

Term 8 107.75 - 120.00 Credit Hours

Necessary course signified by
WPC 485: Statistics Capstone

LES 305: Business Law and Ethics for Managers
WPC Career Preparation Course
Literacy and Critical Inquiry (L)
Upper Division Elective OR STP 484: Internship OR WPC 484: Internship

Term hours subtotal: 12.25

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.

WPC Career Preparation Courses (1 credit hr total)
WPC 148: Freshman Career Preparation
WPC 248: Sophomore Career Preparation
WPC 348: Junior Career Preparation
WPC 448: Intensive Career Preparation or WPC 449: Campus to Career

WPC Career Preparation Courses - Transfer Student Track (1 credit hr total)
WPC 300: Problem Solving and Actionable Analytics
WPC 347: Intermediate Career Preparation
WPC 348: Junior Career Preparation
WPC 448: Intensive Career Preparation or WPC 449: Campus to Career

Upper Division Statistics Concentration Electives - choose one course (3 credit hours)
STP 315: Statistical Computing
STP 421: Probability
STP 427: Mathematical Statistics
STP 450: Nonparametric Statistics
STP 452: Multivariate Statistics
STP 460: Categorical Data Analysis

General Studies Electives
BIO 320: Fundamentals of Ecology
CHI 205: Chinese Calligraphy
COM 207: Introduction to Communication Inquiry
COM 259: Communication in Business and the Professions
COM 281: Communication Activities
COM 310: Relational Communication

General Studies Electives Continued
LAT 101: Elementary Latin
LAT 102: Elementary Latin
MAT 242: Elementary Linear Algebra
MAT 243: Discrete Mathematical Structures
MAT 310: Introduction to Geometry
MAT 342: Linear Algebra
MAT 370: Intermediate Calculus
MAT 371: Advanced Calculus I
COM 312: Communication, Conflict, and Negotiation
COM 317: Nonverbal Communication
COM 341: Social Contexts for Performance
COM 414: Crisis Communication
COM 430: Leadership in Group Communication
COM 453: Communication Training and Development
COM 465: Intercultural Communication Workshop
ENG 210: Introduction to Creative Writing
ENG 213: Introduction to the Study of Language
ENG 310: Intermediate Creative Writing
ENG 314: Modern Grammar
ENG 345: Selected Authors or Issues
FAS 301: Introduction to Parenting
GCU 433: Geography of Southeast Asia
GRK 101: Elementary Ancient Greek
GRK 201: Intermediate Ancient Greek
HST 389: Japan Society and Values/Premod
IDN 101: Elementary Indonesian I
IDN 102: Elementary Indonesian II
JPN 206: Japanese Calligraphy
JPN 414: Introduction to Classical Japanese
KOR 101: First-Year Korean I
KOR 102: First-Year Korean II
MAT 372: Advanced Calculus II
MAT 410: Introduction to General Topology
MAT 415: Introduction to Combinatorics
MAT 416: Introduction to Graph Theory
MAT 442: Advanced Linear Algebra
MAT 443: Introduction to Abstract Algebra
MAT 444: Intermediate Abstract Algebra
MAT 445: Theory of Numbers
MAT 460: Vector Calculus
MAT 461: Applied Complex Analysis
MAT 462: Applied Partial Differential Equations
MAT 472: Intermediate Real Analysis I
MAT 475: Differential Equations
MAT 485: History of Mathematics
POR 101: Elementary Portuguese
ROM 101: Elementary Romanian
ROM 201: Intermediate Romanian
ROM 313: Romanian Composition and Conversation
ROM 314: Romanian Composition and Conversation
RUS 101: Elementary Russian I
RUS 102: Elementary Russian II
SHS 101: American Sign Language I
SHS 102: American Sign Language II
SHS 201: American Sign Language III
SHS 202: American Sign Language IV
SPA 101: Elementary Spanish I
SPA 102: Elementary Spanish II
SPA 111: Fundamentals of Spanish
SPA 486: Chicano/a Novel: Áltima, Rafa y Lala

Total Hours: 120.00
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
General Studies designations listed on the major map are current for the 2019 - 2020 academic year.

General Studies Awareness Requirements:
- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2019 - 2020 academic year.