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*This is a high unit major that needs to be discussed with Business Advisors prior to starting curriculum. An early start is highly recommended to complete the degree program within four years.*

| UCR<br>UNIT<br>VALUE  | SCHOOL OF BUSINESS<br>MAJOR REQUIREMENTS                                      | PREREQUISITES   |
|---|---|---|
| <b>MAJOR LOWER-DIVISION REQUIREMENTS (10 courses [at least 38 units])</b> |   |   |
| Take <b>ALL</b> of the following:   |   |   |
| 4   | <b>BUS 010</b> Introduction to Business                                       | None  |
| 4   | <b>BUS 020</b> Financial Accounting and Reporting                             | None  |
| 2   | <b>BUS 098</b> Personal Branding and Professional                             | None  |
| 4   | <b>CS 009A</b> Data Oriented Introduction to Computing 1                      | Completion of or concurrent enrollment in a college level math course.  |
| 4   | <b>CS 009B</b> Data Oriented Introduction to Computing 2                      | CS 009A with a grade of D- or better.   |
| 5   | <b>ECON 003</b> Introduction to Microeconomics                                | None  |
| 12<br>Units   | <b>MATH 009A &amp; MATH 009B &amp; MATH 009C</b> First-Year Calculus Sequence | <b>MATH 009A:</b> A sufficiently high score on the Mathematics Advisory Examination, as determined by the Mathematics Department or MATH 005A with a grade of C- or better or MATH 006B with a grade of C- or better or equivalent. <b>MATH 009B:</b> A score of 3 or higher on the AB Advanced Placement Test in Mathematics or MATH 007A or MATH 008B or MATH 009A or MATH 09HA with a grade of C- or better or equivalent. <b>MATH 009C:</b> A score of 3 or higher on the Advanced Placement exam for Calculus BC, MATH 007B or MATH 009B or MATH 009HB with a grade of C- or better. |
| 5   | <b>STAT 010 or STAT 008</b> Introduction to Statistics                        | <b>STAT 010:</b> MATH 005A or MATH 006B or MATH 007A or MATH 009A or MATH 09HA. <b>STAT 008:</b> CS 008 or CS 009A or CS 010A; MATH 004 or MATH 005A or MATH 006B or MATH 007A or MATH 009A or MATH 09HA or MATH 022; or equivalent.  |

| <b>UPPER-DIVISION REQUIREMENTS (23 Courses [at least 90 units]):</b> |  |  |
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| General Business Take <b>ALL</b> of the following courses:           |  |  |
| 4  | <b>BUS 100W</b> Management Writing and Communication | ENGL 001B with a grade of C or better; BUS 020; ECON 003; STAT 008; or equivalent. (STAT 010 can be used in lieu of Stat 008 as a pre-req with permit for this major only) |
| 4  | <b>BUS 101</b> Information Technology Management     | BUS 020; ECON 003; STAT 008; or equivalent.  |

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| 4   | <b>BUS 102</b> Ethics and Law in Business and Society            | BUS 020; ECON 003; STAT 008; or equivalent.                          |
| 4   | <b>BUS 103</b> Marketing and Distribution Management             | BUS 020; ECON 003 or ECON 003H; STAT 008.                            |
| 4   | <b>BUS 104/STAT 104</b> Decision Analysis and Management Science | STAT 008 or STAT 010; or equivalent.                                 |
| 4   | <b>BUS 105</b> Production and Operations Management              | STAT 008 or STAT 010; or equivalent.                                 |
| 4   | <b>BUS 106/ECON 134</b> Introduction to Financial Management     | BUS 020; ECON 003 or ECON 003H; STAT 008 or ECON 101; or equivalent. |
| 4   | <b>BUS 107</b> Organizational Behavior                           | BUS 020; ECON 003; STAT 008; or equivalent.                          |
| 4   | <b>BUS 109</b> Competitive and Strategic Analysis                | BUS 100W; BUS 103; BUS 106/ECON 134 or BUS 133                       |
| <b>Business Analytics Courses</b> Take <u>ALL</u> of the following courses: |  |  |
| 4   | <b>BUS 110</b> Data Mining and Visual Analytics                  | BUS 101  |
| 4   | <b>BUS 115</b> Marketing Research                                | BUS 103  |
| 4   | <b>BUS 119</b> Data-Driven Marketing                             | BUS 103  |
| 4   | <b>BUS 123</b> Spreadsheet Modeling for Decision-Making          | BUS 104/STAT 104   |
| 4   | <b>BUS 124A</b> Business Analytics                               | STAT 008   |
| 4   | <b>BUS 124B</b> Advanced Business Analytics                      | BUS 124A with a grade "C-" or better; STAT 008 or STAT 010           |
| 4   | <b>BUS 125</b> Simulation for Business                           | BUS 104/STAT 104   |
| 4   | <b>BUS 129</b> Supply Chain Management                           | BUS 105  |
| 4   | <b>BUS 130</b> Supply Chain Modeling                             | BUS 104/STAT 104 or BUS 105; or equivalent.                          |
| 4   | <b>BUS 173</b> Introduction to Databases for Management          | BUS 101  |
| 4   | <b>BUS 198i</b> Individual Internship in Business Administration | Consent of the department  |

| Statistics Courses Take <b>ALL</b> of the following courses: |   |  |
|--|---|--|
| 4  | <b>STAT 160A</b> Elements of Probability and Statistical Theory <i>Generally offered Fall quarters only</i>   | MATH 009C or MATH 09HC with a minimum grade of D- (may be taken concurrently). |
| 4  | <b>STAT 160B</b> Elements of Probability and Statistical Theory <i>Generally offered Winter quarters only</i> | STAT 160A with a grade of C- or better.  |
| 4  | <b>STAT 160C</b> Elements of Probability and Statistical Theory <i>Generally offered spring quarters only</i> | STAT 160B with a grade of C- or better.  |

| ADDITIONAL DEGREE INFORMATION AND GRADUATION REQUIREMENTS FOR B.S. in BUSINESS ANALYTICS   |   |
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| 1. Breadth Requirements to be discussed with a Business Advisor.   |   |
| 2. ENGL 001A, ENGL 001B, and ENGL 001C must be completed with a letter grade of C or better. BUS 100W can be used to satisfy ENGL 001C with a grade of C or better.  |   |
| 3. Minimum 2.0 GPA for both cumulative and any upper-division major requirements.  |   |
| 4. Permits are provided by the department offering the course.<br>For a BUS or BUAS course <a href="https://business.ucr.edu/undergraduate/student-forms">https://business.ucr.edu/undergraduate/student-forms</a> . For an MATH, STAT course <a href="https://ucrbgsac.wufoo.com/forms/enrollment-request/">https://ucrbgsac.wufoo.com/forms/enrollment-request/</a> . For a CS course <a href="https://student.engr.ucr.edu/online-petition">https://student.engr.ucr.edu/online-petition</a> . For an Econ course <a href="https://chassem.ucr.edu/continuing-student-enrollment">https://chassem.ucr.edu/continuing-student-enrollment</a> . |   |
| School of Business Breadth Requirements Bachelor of Science (BS) Degree  |   |
| <i>Please work with a Business Advisor for more details about the breadth requirements</i>   |   |
| Breadth Requirement Unit Summary   |   |
| English Composition  | 12 units up to ENGL 001C (BUS 100W can be used for ENGL 001C with a grade of C or better).  |
| Humanities   | 12 units. One course each from <b>A.</b> World History <b>B.</b> Fine Arts, Literature, Philosophy, or Religious Studies <b>C.</b> One additional Humanities course   |
| Social Sciences  | 8 units. One course each from <b>A.</b> Economics or Political Science (recommend ECON 003) <b>B.</b> Anthropology, Psychology, or Sociology  |
| Ethnicity (4 units)*   | *The 4-unit ethnicity requirement can be applied to either the Humanities or Social Sciences requirement, depending on content.   |
| Natural Sciences and Mathematics   | 20 units. One course from each <b>A.</b> Biological Sciences <b>B.</b> Mathematics (Recommend Math 009A) <b>C.</b> Physical Science course <b>D.</b> Two additional courses from Mathematics, Statistics, or Computer Science ( Recommend MATH 009B or 009C, STAT 008 or 010) |
| Additional Courses   | 12 units: Additional courses from Humanities, Social Science, or Natural Sciences and Mathematics   |
| <b>Total Units</b>   | <b>52 plus English Composition</b>  |

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**Internships:** Internships offer learning experiences outside of the classroom. They enhance your academic and career goals. An internship can help you "test drive" a possible career path. An internship is a perfect way to connect your academic experience with the professional world. Internships can also lead to employment opportunities. Please visit the Career Center <https://careers.ucr.edu/> . if you have any questions. If you wish to earn academic credit, please contact your academic advisor.

**UCR's Student Organizations:** As a student, involvement is important in your professional development to expand your resume. There are many great benefits as a result of getting involved with an organization, such as developing soft skills, networking opportunities, and the ability to cultivate your leadership style. Students can express interest and join

**School of Business, Undergraduate Business Programs Contact Information**

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