

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION: CONCENTRATION IN INFORMATION SYSTEMS - QUANTITATIVE REASONING CATEGORY I/II AND ENG 114

120 Total Units Required
Minimum Number of Units in the Major: 60

| Course | Title | Units |
|---|--|-------|
| First Semester | | |
| ECON 101 | Introduction to Microeconomic Analysis (Major Prerequisite, D1) | 3 |
| ENG 114 | Writing the First Year: Finding Your Voice (A2) ¹ | 3 |
| GE Area A ² | | 3 |
| GE Area C | | 3 |
| GE Area D | | 3 |
| | Units | 15 |
| Second Semester | | |
| ECON 102 | Introduction to Macroeconomic Analysis (Major Core, D1) | 3 |
| MATH 110 or DS 110 | Business Calculus (Major Prerequisite, B4) ³ or Calculus with Business Applications | 3 |
| GE Area A | | 3 |
| GE Area C | | 3 |
| GE Area E | | 3 |
| | Units | 15 |
| Third Semester | | |
| ACCT 100 | Introduction to Financial Accounting (Major Core) | 3 |
| ISYS 263 | Introduction to Information Systems (Major Prerequisite) | 3 |
| GE Area B: Physical Science (B1) and Laboratory Science (B3) ⁴ | | 3-4 |
| GE Area C | | 3 |
| GE Area D | | 3 |
| | Units | 15-16 |

| | | |
|---|---|-------|
| Fourth Semester | | |
| ACCT 101 | Introduction to Managerial Accounting (Major Core) | 3 |
| ACCT 307 or ISYS 363 | Accounting Information Systems (Major Core) or Information Systems for Management | 3 |
| Select One (Major Core): | | 3 |
| DS 212 | Business Statistics I (Prerequisite for DS 412, FIN 350) | |
| MATH 124 | Elementary Statistics (B4) ³ | |
| ISED 160 | Data Analysis in Education (B4) ³ | |
| GE Area B: Physical Science (B1) and Laboratory Science (B3) ⁴ | | 3-4 |
| SF State Studies or University Elective | | 3 |
| | Units | 15-16 |
| Fifth Semester | | |
| BUS 300GW | Business Communication for Professionals - GWAR (Major Core) | 3 |
| FIN 350 | Business Finance (Major Core) | 3 |
| IBUS 330 | International Business and Multicultural Relations (Major Core, UD-D, GP) | 3 |
| ISYS 350 | Building Business Applications (Major Concentration) | 3 |
| SF State Studies or University Elective | | 3 |
| | Units | 15 |
| Sixth Semester | | |
| ISYS 463 | Information Systems Analysis and Design (Major Concentration) | 3 |
| ISYS 464 | Managing Enterprise Data (Major Concentration) | 3 |
| MGMT 405 | Introduction to Management and Organizational Behavior (Major Core) | 3 |
| MKTG 431 | Principles of Marketing (Major Core) | 3 |

| | | |
|--|--|---------|
| <u>GE Area UD-C: Upper-Division Arts and/or Humanities (Consider SF State Studies Course)</u> | | 3 |
| | Units | 15 |
| Seventh Semester | | |
| DS 412 | Operations Management (Major Core) | 3 |
| ISYS 565 | Managing Enterprise Networks (Major Concentration) | 3 |
| ISYS 663 | Information Technology Project Management (Major Concentration) | 3 |
| Major Concentration Elective - Take One ⁵ | | 3 |
| <u>GE Area UD-B: Upper-Division Physical and/or Life Sciences (Consider SF State Studies Course)</u> | | 3 |
| | Units | 15 |
| Eighth Semester | | |
| BUS 682 | Seminar on Business and Society (Major Core) | 3 |
| BUS 690 | Seminar in Business Policy and Strategic Management (Major Core) | 3 |
| Major Concentration Elective - Take One ⁵ | | 3 |
| <u>SF State Studies or University Elective - Take Two</u> | | 6 |
| | Units | 15 |
| | Total Units | 120-122 |

- ⁵ **Major Concentration Electives (6 units)**
 ISYS 412 Application Development for Data Analytics (3 units)
 ISYS 471 E-Commerce Systems (3 units)
 ISYS 475 Building Web Applications with Open Source Software (3 units)
 ISYS 512 Business Application Design and Development with .NET (3 units)
 ISYS 556 Building Mobile Business Applications (3 units)
 ISYS 557 Managing Open Source (3 units)
 ISYS 567 Information Systems Internship (3 units)
 ISYS 568 Multimedia Business Applications Development (3 units)
 ISYS 569 Information Systems for Business Process Management (3 units)
 ISYS 575 Information Security Management (3 units)
 ISYS 650 Business Intelligence (3 units)

¹ ENG 114 can only be taken if you complete Directed Self-Placement (DSP) and select ENG 114; if you choose ENG 104/ENG 105 through DSP you will satisfy A2 upon successful completion of ENG 105 in the second semester; multilingual students may be advised into alternative English courses.

² To avoid taking additional units, it is recommended that you meet **SF State Studies** requirements (AERM, GP, ES, SJ) within your GE.

³ Depending on courses completed through Early Start, students in Pathway/Category III or IV may be required to enroll in a support course to complement their Quantitative Reasoning/B4 requirement. There are multiple course options for this pathway. Before enrolling in a B4 course, students should verify their MATH Pathway/Category in their [Student Center](#). Information regarding the courses that correspond with your MATH Pathway/Category can be found on the [Developmental Studies Office Website](#).

⁴ Consider taking a class combined with a laboratory or a separate lab to fulfill B3 if not already satisfied.