## BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION: CONCENTRATION IN INFORMATION SYSTEMS ROADMAP – QUANTITATIVE REASONING CATEGORY 1/2

120 Total Units Required Minimum Number of Units in the Major: 69

This roadmap is a suggested plan of study and does not replace meeting with an advisor. Please note that students may need to adjust the actual sequence of courses based on course availability. Please consult your Degree Planner (https://registrar.sfsu.edu/degreeplanner/) and an advisor for further guidance.

To avoid taking additional units, it is recommended that you meet the SF State Studies (AERM, GP, ESCA, SJ) requirements within your GE or major.

First SemesterECON 101Introduction to Microeconomic Analysis (Major Prerequisite, GE 4)3Select One (Major Prerequisite, GE 2): 13DS 110Calculus with Business Applications3MATH 110Business Calculus6GE Area 1A: English Composition 23GE Area 1: English Communication3GE Area 3: Arts and Humanities3ControlIntroduction to Macroeconomic Analysis (Major Core, GE 4)SYS 263Introduction to Information Systems (Major Prerequisite, GE 4, GP)GE Area 1: English Communication3GE Area 5: Physical and Biological Sciences3GE Area 5: Physical and Biological Sciences3	Course	Title	Units
Microeconomic Analysis (Major Prerequisite, GE 2): <sup>1</sup> 3 DS 110 Calculus with Business Applications MATH 110 GE Area 1: English Composition <sup>2</sup> 3 GE Area 1: English Communication GE Area 3: Arts and Humanities <b>Second Semester</b> ECON 102 Lintroduction to Analysis (Major Core, GE 4) ISYS 263 Lintroduction to Information Systems (Major Prerequisite, GE 4, GP) GE Area 1: English Communication 3 GE Area 3: Arts and Biological Sciences <sup>3</sup> 3 Area 5: Physical and Biological Sciences <sup>3</sup> ACCT 100 Select One (Major Core): 3	First Semester		
Analysis (Major Prerequisite, GE 4) Select One (Major Prerequisite, GE 2): <sup>1</sup> 3 DS 110 Calculus with Business Applications MATH 110 Business Calculus GE Area 1A: English Composition <sup>2</sup> 3 GE Area 1: English Communication 3 GE Area 3: Arts and Humanities 3 Context and Hu	ECON 101	Introduction to	3
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Analysis (Major Core, GE 4) ISYS 263 Introduction to 3 Information Systems (Major Prerequisite, GE 4, GP) GE Area 1: English Communication 3 GE Area 5: Physical and Biological Sciences 3 GE Area 5: Physical Accounting 4 (Major Core) Select One (Major Core): 3	ECON 102		3
GE 4)ISYS 263Introduction to Information Systems (Major Prerequisite, GE 4, GP)3GE Area 1: English Communication3GE Area 5: Physical and Biological Sciences333-4SF State Studies or University Elective3Units15-16Third SemesterACCT 100Introduction to Financial Accounting (Major Core):Select One (Major Core):3			
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SF State Studies or University Elective3Units15-16Third SemesterIntroduction to Financial Accounting (Major Core)Select One (Major Core):3	5	3	3-4
Units 15-16   Third Semester Introduction to   ACCT 100 Introduction to   Financial Accounting (Major Core) 3   Select One (Major Core): 3			
Third Semester     ACCT 100   Introduction to 5 Financial Accounting (Major Core)     Select One (Major Core):   3		Units	
ACCT 100 Introduction to 3 Financial Accounting (Major Core): 3	Third Semester		10 10
Financial Accounting (Major Core) Select One (Major Core): 3		Introduction to	3
(Major Core) Select One (Major Core): 3	A001 100		5
Select One (Major Core): 3		5	
	Select One (Major Core):	/	3
		<b>Business Statistics</b>	

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MATH 124	Elementary Statistics	
WATT 124	(GE 2)	
GE Area 4: Social and Behavioral Sciences v		3
GE Area 5: Physical and Biological Sciences	5	3-4
SF State Studies or University Elective		3
Fourth Semester	Units	15-16
ACCT 101	Introduction	3
	to Managerial	0
	Accounting (Major	
	Core)	
GE Area 3: Arts and Humanities	<b>6</b> 1 <i>1</i>	3
GE Area 6: Ethnic Studies (https://bulletin.s undergraduate-education/general-education		3
U.S. and California Government (https://bul		3
undergraduate-education/american-institut		5
SF State Studies or University Elective		3
	Units	15
Fifth Semester		
BUS 300GW	Business	3
	Communication for Professionals -	
	GWAR (Major Core)	
FIN 350	Business Finance	3
	(Major Core)	
IBUS 330	International	3
	Business and	
	Multicultural Relations (Major	
	Core, GE 4UD, GP)	
ISYS 350	Building Business	3
	Applications (Major	
10/0.000	Concentration)	0
ISYS 363	Information Systems for Management	3
	(Major Core)	
	Units	15
Sixth Semester		
ISYS 463	Information Systems	3
	Analysis and	
	Design (Major Concentration)	
ISYS 464	Managing Enterprise	3
	Data (Major	
	Concentration)	
MGMT 405	Introduction to	3
	Management and Organizational	
	Behavior (Major	
	Core)	
MKTG 431	Principles of	3
	Marketing (Major	
GE Area 3UD: Upper-Division Arts or Human	Core) ities	3
	Units	15
	0.1110	15

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## 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 <sup>4</sup>		3
GE Area 5UD or 2UD: Upper-Division Science Mathematical Concepts	ces or Upper-Division	3
	Units	15
	onito	15
Eighth Semester	onno	15
<b>Eighth Semester</b> BUS 682	Seminar on Business and Society (Major Core)	3
•	Seminar on Business and Society (Major	
BUS 682	Seminar on Business and Society (Major Core) Seminar in Business Policy and Strategic Management (Major	3
BUS 682 BUS 690	Seminar on Business and Society (Major Core) Seminar in Business Policy and Strategic Management (Major Core)	3
BUS 682 BUS 690 Major Concentration Elective - Take One <sup>4</sup>	Seminar on Business and Society (Major Core) Seminar in Business Policy and Strategic Management (Major Core)	3

- Students should use their Pathway/Category (https:// gatorsmartstart.sfsu.edu/pathways/) to determine the appropriate GE 2 course option. For directions on how to view your Pathway/Category, visit how to find your pathway (https://gatorsmartstart.sfsu.edu/ howtofindyourpathways/). Questions? Contact Gator Smart Start. (https://gatorsmartstart.sfsu.edu/)
- <sup>2</sup> Students should use their Pathway/Category (https://gatorsmartstart.sfsu.edu/pathways/) to determine the appropriate GE 1A course option. For directions on how to view your Pathway/Category, visit how to find your pathway (https://gatorsmartstart.sfsu.edu/howtofindyourpathways/). Questions? Contact Gator Smart Start. (https://gatorsmartstart.sfsu.edu/)
- <sup>3</sup> Consider taking a class combined with a laboratory or a separate lab to fulfill 5C if not already satisfied.
- <sup>4</sup> Major Concentration Electives (6 units)

A full list of courses that can fulfill this requirement can be found in the Degree Requirements (https://bulletin.sfsu.edu/colleges/business/ information-systems/bs-business-administration-concentrationinformation-systems/#degreerequirementstext).