

Four Year Academic Plan
Chemistry - Business (2019-2020)

1st Semester (17 hrs.)		Course Title	Term Offered	Prerequisites & Notes
	GATE 101 (1)	Gateway to University Life	Fall	
	GPS 110 or 120 (3)	Global Perspectives	Fall, Spring	110 & 120 can be taken in any order
	ENG 110 (3)	University Writing & Research	Fall, Spring	If enrolled in ENG 100, 110 is still required
	PE 101 (2)	Personal Fitness & Wellness	Fall, Spring	
	CHEM 101 (4)	Principles of Chemistry I	Fall	
	MATH 120 (4)	Calculus and Analytical Geometry I	Fall, Spring	

2nd Semester (17 hrs.)		Course Title	Term Offered	Prerequisites & Notes
	GPS 110 or 120 (3)	Global Perspectives	Fall, Spring	Enroll in the course not completed in the Fall
	Social / Behavioral Science (3)	University Foundations	Fall, Spring	Choose 1 course from PSYC, SOC, HIST, ECON or PSCI
	COMM 101 (3)	Public Speaking	Fall, Spring	
	MATH 220 (4)	Calculus and Analytical Geometry II	Fall, Spring	
	CHEM 102 (4)	Principles of Chemistry II	Spring	Chem 101 required for 102

3rd Semester (16 hrs.)		Course Title	Term Offered	Prerequisites & Notes
	GPS 210 or 220 (3)	Global Perspectives	Fall, Spring	210 & 220 can be completed in any order
	Fine Arts (2)	University Foundations	Fall, Spring	
	CHEM 201 (4)	Organic Chemistry I	Fall	CHEM 102
	ACCT 253 (3)	Principles of Financial Accounting	Fall	
	PHYS 101 (4)	Principles of Physics I	Fall	MATH 120; See Note 2.

4th Semester (17 hrs.)		Course Title	Term Offered	Prerequisites & Notes
	GPS 210 or 220 (3)	Global Perspectives	Fall, Spring	Enroll in the course not completed in the Fall
	Foreign Language 101 (3)	University Foundations	Fall, Spring	
	CHEM 202 (4)	Organic Chemistry II	Spring	CHEM 201
	ACCT 254 (3)	Principles of Managerial Accounting	Spring	ACCT 253
	PHYS 102 (4)	General Physics II	Fall	PHYS 101

NOTES:

- 1 Bold courses are required for the CHEM BUS major.
- 2 PHYS I & II are generally required for admissions to Medical, Dental, Vet, PT,

Comments:

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Pharmacy schools and graduate programs. Not typically required for PA schools.

3 Must fulfill Lyceum requirement as outlined in Academic Catalog.

4 Business Courses can be taken in a different sequence.

5th Semester (16 hrs.)		Course Title	Term Offered	Prerequisites & Notes
	GPS 310 or 320 (3)	Global Perspectives	Fall, Spring	310 & 320 can be completed in any order
	Foreign Language 102 (3)	University Foundations	Fall, Spring	
	CHEM 331 (4)	Analytical Chemistry I	Fall	CHEM 102
	ECON 221 (3)	Principles of Microeconomics	Fall	
	MGMT 302 (3)	Principles of Management	Fall, Spring	

6th Semester (16 hrs.)		Course Title	Term Offered	Prerequisites & Notes
	GPS 310 or 320 (3)	Global Perspectives	Fall, Spring	Enroll in the course not completed in the Fall
	Elective (3)	General Elective	Fall, Spring	Discuss with faculty advisor
	CHEM 332 (4)	Analytical Chemistry II	Spring, Odd Years	CHEM 331
	ECON 222 (3)	Principles of Macroeconomics	Spring	
	MARK 301 (3)	Principles of Marketing	Fall, Spring	

7th Semester (16 hrs.)		Course Title	Term Offered	Prerequisites & Notes
	Lit/Writing (3)	University Foundations	Fall, Spring	Any 200+ level English Literature course
	CHEM 460 (4)	Introduction to Commerical Chemistry	Fall, Odd Years	CHEM 202 PREREQ FOR CHEM 460
	FIN 318 (3)	Financial Management	Fall, Spring	ACCT 253, ECON 221/222, MATH 120
	MARK 422 (3)	Marketing Commuications Strategy	Fall	MARK 301
	MGMT 315 or 416 (3)	Management Elective	Fall, Spring	315 - Spring; 416 - Fall

8th Semester (12 hrs.)		Course Title	Term Offered	Prerequisites & Notes
	CHEM 450 (3)	Hazardous Materials & Chemical Safety	Spring, Odd Years	CHEM 202
	CHEM 497 (0)	Exit Examination	Fall, Spring	Complete during semester of graduation
	BUS 305 (3)	Legal Environment of Business	Fall, Spring	Junior standing
	Elective (3)	General Elective	Fall, Spring	Discuss with faculty advisor
	Elective (3)	General Elective	Fall, Spring	Discuss with faculty advisor

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Total Credit Hours earned = 125-127

Graduation Requirements:

Comments:

- 1 Must earn a minimum of 125 credit hours, including 40+ hours at 300+ level.
- 2 Must complete the last 30 credit hours of degree at Wingate University.
- 3 Must maintain minimum cumulative and Major GPA of 2.0.
- 4 The Intro to Commercial Chemistry is offered in alternate years.

- 5 MGMT 302, MARK 301, MARK 422, and MGMT 315/416 may be replaced with: a. ACCT 313, Intermediate Accounting I;
b. ACCT 314 Intermediate Accounting II; c. ACCT 427 Federal Income Tax I; or d. ACCT 431 Auditing for the Accounting track option
(or set up as a separate 5th semester for the Accounting track).