

202005 SCIENCE

FIRST YEAR

<u>Fall Semester</u>	<u>Credit Hours</u>	<u>Prerequisites</u>
3300:111 English Composition I	4	Placement by Adviser
Mathematics Requirement (note a.)	3	Placement by Adviser
Natural Science Requirement (note b.)	4	
Social Science Requirement (note c.)	3	
Electives (note f.)	<u>2</u>	
	16	

Spring Semester

3300:112 English Composition II	3	3300:111
Physical Education/Wellness	1	
Natural Science Requirement (note b.)	4	
Social Science Requirement (note c.)	3	
Electives (note f.)	<u>5</u>	
	16	

SECOND YEAR

<u>Fall Semester</u>	<u>Credit Hours</u>	<u>Prerequisites</u>
3400:210 Humanities in the Western Tradition I (note e.)	4	Sophomore status; 3300:112
7600:106 Effective Oral Communication	3	
Area Studies/Cultural Diversity Requirement (note d.)	2	Sophomore status
Elective (see note f.)	<u>7</u>	
	16	

Spring Semester

Humanities Requirement (note e.)	6	Sophomore status; 3400:210
Area Studies/Cultural Diversity Requirement (note d.)	2	Sophomore status
Electives (note f.)	<u>8</u>	
	16	

TOTAL CREDITS - 64

- a. The mathematics requirement varies by department. Please consult an adviser for specific requirements.

2030:151, 152, 153	Elements of Math I, II, III (Must complete all 3 courses. Only 3 credits apply toward fulfilling General Education requirement)	6
2030:161	Math for Modern Technology	4
3450:141	Algebra with Business Applications	3
3450:145	College Algebra	4
3450:260	Math for Elementary Teachers II	3
3470:250	Statistics for Everyday Life	4
3470:260	Basic Statistics	3

- b. A minimum of eight credits of natural science are required. One course must have a laboratory component. However, departmental requirements may vary. Please consult an adviser for specific information. (Students in higher-level science courses with a lab may use those courses to meet their General Education requirements.) Select one course from a minimum of two different sets.

Anthropology

3230:151	Human Evolution	3
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Biology

3100:100	Introduction to Botany/Lab	4
3100:101	Introduction to Zoology/Lab	4
3100:103	Natural Science-Biology/Lab	4
3100:104	Introduction to Ecology Laboratory	1
3100:105	Introduction to Ecology	2
3100:108	Introduction to Biological Aging	3

Chemistry

2820:105	Basic Chemistry/Lab	3
3150:100	Chemistry and Society	3
3150:101	Chemistry for Everyone/Lab	4

Geology

3370:103	Natural Science-Geology	3
3370:121-138	Concepts in Geology	1
3370:200	Environmental Geology	3
3370:201	Exercises in Environmental Geology I	1

Physics

3650:130	Descriptive Astronomy/Lab	4
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- c. Students may satisfy the social sciences requirement by completing two courses totaling six credits from two different sets in the social science group. Please consult an adviser for specific information.

Anthropology

3230:150	Cultural Anthropology	4
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Economics

2040:247	Survey of Basic Economics	3
3250:200	Principles of Microeconomics	3
3250:244	Introduction to Economic Analysis	3

Geography

3350:100 Introduction to Geography 3

Government/Politics

3700:100 Government and Politics in the United States 4

3700:150 World Politics and Governments 3

Psychology

2040:240 Human Relations 3

3750:100 Introduction to Psychology 3

Sociology

3850:100 Introduction to Sociology 4

United States History

3400:250 United States History to 1877 4

3400:251 United States History since 1877 4

- d. Students must complete two courses totaling four credits from the area studies/cultural diversity options. The engineering student is required to take only one course.

3230:251 Human Diversity 3

3350:375 Geography of Cultural Diversity 2

3400:385 World Civilization: China 2

3400:386 World Civilization: Japan 2

3400:387 World Civilization: Southeast Asia 2

3400:388 World Civilization: India 2

3400:389 World Civilization: Near East 2

3400:390 World Civilization: Africa 2

3400:391 World Civilization: Latin America 2

- e. Students must have completed a minimum of 32 semester credits and have completed 3300:112 English Composition II before enrolling for this course. An additional six credits of humanities from two different sets must also be completed after taking 3400:210.

Fine Arts

7800:301 Introduction to Theater and Film 3

Philosophy/Classics

3600:101 Introduction to Philosophy 3

3600:120 Introduction to Ethics 3

Literature

3300:250 Classic and Contemporary Literature 3

3300:251 Topics in World Literature 3

3300:252 Shakespeare and His World 3

3300:281 Fiction Appreciation 3

3400:211 Humanities in the Western Tradition II 4

- f. In the science program, a student is free to choose any electives. However, at least two-thirds of the credits must be in the natural sciences; mathematics, statistics or computer science; engineering; business administration; or nursing department; and should lead to some upper-college degree objective.