

# 202005 ASSOCIATE OF SCIENCE

C E R 1ST YEAR							
FALL SEMESTER				Online	Credit Hours	Prerequisites	
			3300:111	English Composition I		3	Placement by advisor
				Quantitative Reasoning Requirement (note a.)		3	Placement by advisor
				Natural Science Requirement (note b.)		4	
				Social Science Requirement (note c.)		3	
				Electives (note e, f.)		2	
						15 Total	
SPRING SEMESTER							
			3300:112	English Composition II		3	3300:111
				Natural Science Requirement (note b.)		3	
				Social Science Requirement (note c.)		3	
				Electives (note e, f.)		6	
						15 Total	
C E R 2ND YEAR							
FALL SEMESTER				Online	Credit Hours	Prerequisites	
			7600:105 7600:106	Introduction to Public Speaking or Effective Oral Communication		3	
				Arts and Humanities Requirement (note d.)		3	
				Electives (see note e, f.)		9	
						15 Total	
SPRING SEMESTER							
				Arts and Humanities Requirement (note d.)		6	
				Electives (note e, f.)		9	
						15 Total	
C = Completed E = Exempt R = Required						TOTAL CREDITS - 60	

## NOTES

- a. The quantitative reasoning requirement varies by department. Please consult an advisor for specific requirements. (Students enrolling in a higher-level mathematics course may use it to meet their Quantitative Reasoning requirement)

2030:152, 153	Technical Mathematics II, III (approved for WWW)	4	(Must complete <u>both</u> courses)
2030:161	Mathematics for Modern Technology	4	(approved for WWW)
3450:145	Algebra for Calculus	4	(approved for WWW)
3450:149	Precalculus Mathematics	4	
3470:250	Statistics for Everyday Life	4	
3470:260	Basic Statistics	3	(approved for WWW)
3470:261, 262	Introduction to Statistics I, II	4	(Must complete <u>both</u> courses)

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- b. A minimum of seven credits of natural science is required. One course must have a laboratory component. However, departmental requirements may vary. Please consult an advisor for specific information. (Students in higher-level science courses with a lab may use those courses to meet their General Education requirements.)

2780:106	Anatomy and Physiology for Allied Health I	3	(approved for WWW)
2780:107	Anatomy and Physiology for Allied Health II	3	(approved for WWW)
2820:105	Basic Chemistry / Lab	3	
2820:111	Introductory & Analytic Chemistry / Lab	3	
2820:160	Technical Physics - Mechanics / Lab	4	
2820:163	Technical Physics - Electricity & Magnetism / Lab	2	
2820:164	Technical Physics - Heat & Light / Lab	2	
3100:103	Natural Science - Biology / Lab	4	
3100:106	Exploring Biology	3	(approved for WWW)
3150:101	Chemistry for Everyone / Lab	4	
3230:151	Human Evolution / Lab	4	
3370:100	Earth Science	3	(approved for WWW)
3370:101	Introduction to Physical Geology / Lab	4	
3370:121-140	Concepts in Geology	1	
3370:171	Introduction to Oceans	3	
3370:200	Environmental Geology	3	
3370:201	Exercises in Environmental Geology I / Lab	1	
3370:203	Exercises in Environmental Geology II / Lab	1	
3370:211	Introduction to Environmental Science	3	

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## NOTES (continued)

c. Students may satisfy the social sciences requirement by completing two courses totaling six credits. The courses can be from the same department or different ones. Please consult an advisor for specific information.

2040:240	Human Relations	3	(approved for WWW)
2040:242	American Urban Society	3	(approved for WWW)
2040:243	Contemporary Global Issues	3	(GD*)
2040:244 / 344	Death and Dying	3	(DD*) (approved for WWW)
2040:247	Survey of Basic Economics	3	(CT*) (approved for WWW)
2040:254	The Black Experience 1619-1877	2	(DD*)
2040:256	Diversity in American Society	2	(DD*) (approved for WWW)
2040:257	The Black Experience 1877-1954	2	(DD*)
2040:258	The Black Experience 1954-Present	2	(DD*)
3230:150	Human Cultures	3	(approved for WWW)
3230:251	Human Diversity	3	(GD*)
3240:100	Introduction to Archaeology	3	
3250:100	Introduction to Economics	3	
3250:200	Principles of Microeconomics	3	(approved for WWW)
3250:244	Introduction to Economic Analysis	3	(approved for WWW)
3350:100	Introduction to Geography	3	(approved for WWW)
3400:250	United States History to 1877	4	
3400:251	United States History since 1877	4	(approved for WWW)
3700:100	Government and Politics in the United States	3	(approved for WWW)
3700:150	World Politics and Governments	3	
3750:100	Introduction to Psychology	3	(approved for WWW)
3850:100	Introduction to Sociology	3	(DD*) (approved for WWW)

\* Fulfills Domestic Diversity (DD) or Global Diversity (GD) tag requirement

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## NOTES (continued)

d. Students must take at least one Arts course and at least one Humanities course. The second Arts or Humanities course may be in the same department or in a different one.

ARTS			
7100:100	Art History Survey	3	
7100:210	Visual Arts Awareness	3	
7500:201	Exploring Music: Bach to Rock	3	(approved for WWW)
7800:264	Playscript and Performance Analysis	3	
7900:200	Viewing Dance	3	
HUMANITIES			
3200:230	Sports and Society in the Ancient World	3	
3200:289	Mythology of Ancient Greece	3	
3300:252	Shakespeare and His World	3	
3300:281	Fiction Appreciation	3	
3400:200	Empires of the Ancient World	3	
3400:210	Humanities in the Western Tradition I	4	(CT*)
3400:221	Humanities in the World since 1300	4	(CT*)
3501:210	Arabic Culture through Film	3	(approved for WWW)
3502:210	Chinese Culture through Film	3	
3560:210	Japanese Culture through Film	3	
3580:250	Hispanic Literature in Translation	3	
3600:101	Introduction to Philosophy	3	
3600:120	Introduction to Ethics	3	(approved for WWW)
3600:125	Theory and Evidence	3	(CT*)
3600:150	Critical Thinking	3	(approved for WWW)
3600:170	Introduction to Logic	3	(approved for WWW)
3600:211	History of Ancient Philosophy	3	(CT*)

\* Fulfills tag requirement

e. 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.

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## NOTES (continued)

f. The third tier of General Education promotes critical thinking and personal, social, and environmental responsibility. Because tagged courses may meet disciplinary area and major/minor requirements, most students will fulfill Tier III requirements without additional credit hours. These courses can also be used to fulfill electives for the Associate of Arts degree. Please consult an advisor for specific information.

To complete this tier, students take four tagged courses, one in each area:

CRITICAL THINKING (CT)			
2030:255	Technical Calculus I	3	
2040:247	Survey of Basic Economics	3	(approved for WWW)
2040:349	Integrated Human Behavior and Health	3	
3230:359	Anthropological Theory	3	
3240:400	Archaeological Theory	3	
3250:226	Computer Skills for Economic Analysis	3	
3250:380	Money and Banking	3	
3250:400	Intermediate Macroeconomics	3	
3250:410	Intermediate Microeconomics	3	
3250:426	Applied Econometrics	3	
3370:231	Silicate Mineralogy and Petrology	3	
3370:350	Structural Geology	3	
3370:444	Environmental Magnetism	3	
3400:210	Humanities in the Western Tradition (Humanities)*	4	
3400:221	Humanities in the World Since 1300 (Humanities)*	4	
3400:323	History of Modern Europe	3	
3600:125	Theory and Evidence (Humanities)*	3	
3600:211	History of Ancient Philosophy (Humanities)*	3	
3600:312	History of Medieval Philosophy	3	
3600:313	History of Modern Philosophy	3	
3750:110	Psychology Quantitative Methods	3	
3750:220	Introduction to Experimental Psychology	4	
3750:441	Clinical and Counseling Psychology	4	
4400:401	Electrical Engineering Senior Design I	3	
4450:401	Computer Engineering Senior Design I	3	
6400:200	Foundations of Personal Finance	3	(approved for WWW)
7600:245	Argumentation	3	

\* Can be used to fulfill Tier II Disciplinary Area requirements

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COMPLEX SYSTEMS AFFECTING INDIVIDUALS IN SOCIETY (CS)			
3230:370	Globalization and Culture	3	
3230:460	Field Methods in Cultural Anthropology	4	
3250:385	Economics of Natural Resources and the Environment	3	
3370:421	Coastal Geology	3	
3370:452	Geology & Environmental Science Service Learning	1-3	
3370:498	River Seminar	3	
3580:308	Spanish Composition: Health Professions and First Responders	3	
3600:361	Biomedical Ethics	3	
3600:365	Environmental Ethic	3	
3750:425	Psychology of Hate	4	
3850:320	Social Inequalities	3	(approved for WWW)
3850:330	Criminology	3	(approved for WWW)
3850:342	Sociology of Health and Illness	3	
3850:433	Deviant Behavior	3	
5500:223	Urban Youth Mentoring	3	
7400:401	American Families in Poverty	3	(approved for WWW)
DOMESTIC DIVERSITY (DD)			
2040:244 / 344	Death and Dying (Social Science)*	3	(approved for WWW)
2040:254	Black Experience from 1619-1877 (Social Science)*	2	
2040:256	Diversity in American Society (Social Science)*	2	(approved for WWW)
2040:257	Black Experience from 1877-1954 (Social Science)*	2	(approved for WWW)
2040:258	Black Experience from 1954-Present (Social Science)*	2	
3001:200	Introduction to Women's Studies	3	
3230:358	Native North Americans	3	
3250:487	Urban Economics	3	
3350:350	Geography of the United States & Canada	3	
3350:443	Urban Applications in GIS	3	
3400:250	U.S. History to 1877 (Social Science)*	4	
3400:251	U.S. History since 1877 (Social Science)*	4	(approved for WWW)
3400:350	US Women's History	3	
3580:307	Spanish Conversations for Health Professions	3	
3600:455	Philosophy of Feminism	3	
3750:435	Cross-Cultural Psychology	4	
3750:474	Psychology of Women	4	
3850:100	Introduction to Sociology (Social Science)*	3	(approved for WWW)
7600:325	Intercultural Communication	3	
7750:270	Diversity and Social Work	3	
7800:467	Multicultural Theatre	3	(approved for WWW)

\* Can be used to fulfill Tier II Disciplinary Area requirements

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GLOBAL DIVERSITY (GD)			
2040:243	Contemporary Global Issues (Social Science)*	3	
3230:251	Human Diversity (Social Science)*	3	
3350:275	Geography of Cultural Diversity	3	(approved for WWW)
3400:200	Empires of the Ancient World (Humanities)*	3	
3580:360	Hispanic Culture through Film	3	
3600:340	Eastern Philosophy	3	
3700:300	Comparative Politics	4	
7800:335	History of Theatre and Dramatic Literature I	3	
7800:435	History of Theatre and Dramatic Literature II	3	

\* Can be used to fulfill Tier II Disciplinary Area requirements