

Physics Associate of Science

Effective beginning Academic Year 2023-24 (Last revised January 18, 2024)

GENERAL E	DUCATION REQUIREMENTS/OHIO TRANSFER 36	Course Number	Credit Hours
ENGLISH CC	MPOSITION AND ORAL COMMUNICATION:		3
Course 1:	Any Ohio Transfer 36 approved First Writing (TME001) course	ENG 1010/101H	3
MATHEMATI	CS, STATISTICS, AND LOGIC:		5
Course 1:	Calculus I (TMM005) ¹	MATH 1610/161H	5
ARTS AND H	IUMANITIES:		6
+ Course 1:	Any Ohio Transfer 36 approved Arts and Humanities course	AH Elective (see page 4 for list)	3
+ Course 2:	Any Ohio Transfer 36 approved Arts and Humanities course	AH Elective (see page 4 for list)	3
SOCIAL AND	BEHAVIORAL SCIENCES:		6
+ Course 1:	Any Ohio Transfer 36 approved Social and Behavioral Sciences course	SBS Elective (see pages 4-5 for list)	3
+ Course 2:	Any Ohio Transfer 36 approved Social and Behavioral Sciences course	SBS Elective (see pages 4-5 for list)	3
NATURAL SO	CIENCES:		10
Course 1:	Calculus-Based Physics I with lab (OSC016)	PHYS 2310	5
Course 2:	Calculus-Based Physics II with lab (OSC017)	PHYS 2320	5
ADDITIONA	L CREDITS: ²		10
Course 1:	Calculus II (TMM006)	MATH 1620/162H	5
Course 2:	General Chemistry I with lab (OSC008)	CHEM 1300 & 130L or CHEM 130H	5
GENERAL ED	DUCATION/OHIO TRANSFER 36 TOTAL:		40

Advising Notes:

Where it indicates "Any Ohio Transfer 36 approved," students should work closely with their advisors.

- (+) indicates that the courses chosen should be from two different areas within that category.
- ¹ A prerequisite, such as College Algebra (TMM001), may be needed for a student to reach Calculus I (TMM005).

² Due to the variability across institutions, students should work with their academic advisor to determine an appropriate program of study and appropriate amount of additional credits to satisfy the Ohio Transfer 36.



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PRE-MAJOR	/BEGINNING MAJOR	Course Number	Credit Hours
Course 1:	Calculus III (OMT018)	MATH 2310/231H	4
Course 2:	Elementary Linear Algebra (OMT019)	MATH 2410	3
Course 3:	Elementary Differential Equations (OMT020)	MATH 2520	3
PRE-MAJOR/BEGINNING MAJOR TOTAL:			10

OTHER REQUIREMENTS		Course Number	Credit Hours
Course 1:	General Chemistry II with lab (OSC009) (if not taken as part of the Ohio Transfer 36)	CHEM 1310 & 131L or CHEM 131H	5
Electives:	Electives: General Electives as needed (May include FYE or Orientation course) ¹		3
		Varies	2-7
OTHER REQUIREMENTS TOTAL:			10-15

Advising Notes:

¹Certain institutions may require two semesters or more of foreign language for Bachelor of Arts and Bachelor of Science degrees. If so, foreign language should be taken – check with your receiving institution. Additional recommended pre-major/major coursework is institution specific and might include an appropriate course in programming or modern physics (may not be offered by most two-year institutions). Consult with your academic advisor and your receiving institution to determine an appropriate program of study.

ASSOCIATE DEGREE	Total Credit Hours
ASSOCIATE DEGREE TOTAL:	60-65

SPECIAL NOTES

Students with plans of pursuing a pre-professional or graduate studies track in the future should work closely with their academic advisor and receiving institution starting in the first year of their program in order to adequately prepare themselves for those types of tracks. Some pre-professional degrees include pre-medicine, pre-veterinary, pre-law, and pre-dentistry.

Some bachelor-degree granting programs may be competitive and admission into the program is not guaranteed. Students should check with individual institutions for their program admission requirements.

Some bachelor-degree granting institutions require additional general education courses outside of the Ohio Transfer 36 and students may be required to take these courses in their junior or senior year. Students will still be able to follow this pathway and complete their bachelor's degree in approximately 60 additional credit hours.

For more information, please contact:

(216) 987-6000, option 4

https://www.tri-c.edu/transfer



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SAMPLE DEGREE MAP

FIRST YEAR

SEMESTER 1	
Course Name & Number	Credit Hours
ENG 1010/101H College Composition I	3
MATH 1610/161H Calculus I	5
CHEM 1300 and 130L, or CHEM 130H General Chemistry I and Lab	5
Ohio Transfer 36 Social and Behavioral Sciences Elective	3
Total Semester 1 Credit Hours	16

SEMESTER 2		
Course Name & Number	Credit Hours	
ENG 1020/102H College Composition II or ENG 2151 Technical Writing	3	
MATH 1620/162H Calculus II	5	
CHEM 1310 and 131L, or CHEM 131H General Chemistry II and Lab	5	
Ohio Transfer 36 Arts and Humanities Elective	3	
Total Semester 2 Credit Hours	16	

SECOND YEAR

SEMESTER 3		
Course Name & Number	Credit Hours	
MATH 2310/231H Calculus III	4	
MATH 2410 Introduction to Linear Algebra	3	
PHYS 2310 General Physics I	5	
Ohio Transfer 36 Social and Behavioral Sciences Elective	3	
Total Semester 3 Credit Hours	15	

SEMESTER 4		
Course Name & Number	Credit Hours	
MATH 2520 Differential Equations	3	
PHYS 2320 General Physics II	5	
Ohio Transfer 36 Arts and Humanities Elective	3	
Elective	3	
Total Semester 4 Credit Hours	14	



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OHIO TRANSFER 36 ELECTIVES

Please work closely with your advisor when selecting courses.

ARTS AND HUMANITIES Art Appreciation ART 1010 Survey of Non-Western Art ART 1040 ART 2040		Please work closel	y with you
Survey of Non-Western Art Art History Survey: Prehistoric to Renaissance Art History Survey: Prehistoric to Renaissance Art History Survey: Late Renaissance to Present Dance Appreciation Dance Appreciation Women Writers on the Experiences of Women American Literature I ENG 2020 3 American Literature II ENG 2320 3 British Literature II ENG 2350 3 British Literature II ENG 2360 3 Introduction to Literature: Poetry ENG 2410 3 Introduction to Literature: Fiction ENG 2420 3 Introduction to Literature: Science Fiction African-American Literature II ENG 250 3 Introduction to Literature: Science Fiction African-American Literature II ENG 250 3 Introduction to Literature II ENG 250 3 Introduction to Literature: Science Fiction African-American Literature II ENG 250 3 Literature for Children & Adolescents ENG 2601 3 Survey of Biblical Literature ENG 2770 3 Survey of Biblical Literature ENG 2770 3 Survey of Biblical Literature ENG 2770 3 Islam to the Modern Middle East HIST 2031 3 Women in American History HUM 1010 3 The Individual in Society HUM 1020 3 Community Engagement Through the Humanities HUM 2020 3 Survey of European Classical Music MUS 1010 3 Survey of Bock and Roll MUS 1030 3	ARTS AND HUMANITIES		
Art History Survey: Prehistoric to Renaissance Art History Survey: Late Renaissance to Present ART 2030 BOANC 1100 ART 2030 ART 2030 ART 2030 ART 2030 BOANC 1100 ART 2030 BOANC 1100 ART 2030 ART 2	Art Appreciation	ART 1010	3
Renaissance Art History Survey: Late Renaissance to Present Dance Appreciation Dance Appreciation Dance Itierature I American Literature II Bing 2320 British Literature II Bing 2350 British Literature II Bing 2360 British Literature II Bing 2410 Introduction to Literature: Poetry Bing 2410 Introduction to Literature: Science Fiction African-American Literature: Science Fiction African-American Literature II Bing 2430 African-American Literature II Bing 2520 Assalta Introduction to Bing 2430 Assalta Introduction Interature II Bing 2520 Assalta Introduction Interature Interatur	Survey of Non-Western Art	ART 1040	3
Present Dance Appreciation DANC 1100 3 Women Writers on the Experiences of Women Writers on the Experiences of Women End 2020 3 American Literature I ENG 2310 3 American Literature II ENG 2320 3 British Literature II ENG 2350 3 British Literature II ENG 2360 3 Introduction to Literature: Poetry ENG 2410 3 Introduction to Literature: Fiction ENG 2420 3 Introduction to Literature: Science Fiction ENG 2450 3 Introduction to Literature: Science ENG 2450 3 Introduction to Literature: Science Fiction ENG 2520 3 Introduction to Literature I ENG 2510 3 African-American Literature I ENG 2520 3 Literature for Children & Adolescents ENG 2601 3 World Literature ENG 2700 3 Survey of Biblical Literature ENG 2720 3 Exploration of World Mythology ENG 2730 3 Rhetorics of Gaming: Introduction to Video Game Analysis Islam to the Modern Middle East HIST 2031 3 Women in American History HIST 2660 3 Introduction to Humanities HUM 1010 3 The Individual in Society HUM 1020/102H 3 The Individual in Society HUM 1020/102H 3 The Individual in the Cosmos HUM 1030 3 Community Engagement Through the Humanities Film Appreciation MJS 1310 3 Survey of European Classical Music MUS 1010 3 Survey of Rock and Roll MUS 1030 3		ART 2020	3
Women Writers on the Experiences of Women American Literature I ENG 2310 3 American Literature II ENG 2320 3 British Literature II ENG 2350 3 British Literature II ENG 2360 3 Introduction to Literature: Poetry ENG 2410 3 Introduction to Literature: Fiction ENG 2420 3 Introduction to Literature: Science ENG 2450 3 Introduction to Literature: Science ENG 2450 3 Introduction to Literature: Science ENG 2450 3 Introduction to Literature II ENG 2510 3 African-American Literature II ENG 2520 3 Literature for Children & Adolescents ENG 2601 3 World Literature ENG 2700 3 Shakespeare ENG 2710 3 Survey of Biblical Literature ENG 2720 3 Exploration of World Mythology ENG 2730 3 Rhetorics of Gaming: Introduction to Video Game Analysis Islam to the Modern Middle East HIST 2031 3 Women in American History HIST 2660 3 Introduction to Humanities HUM 1010 3 The Individual in Society HUM 1020/102H 3 The Individual in the Cosmos HUM 1030 3 Community Engagement Through the Humanities HUM 2020 3 Survey of Jazz MUS 1020 3 Survey of Jazz MUS 1030 3		ART 2030	3
WomenENG 20203American Literature IENG 23103American Literature IIENG 23203British Literature IIENG 23503British Literature IIENG 23603Introduction to Literature: PoetryENG 24103Introduction to Literature: FictionENG 24203Introduction to Literature: DramaENG 24203Introduction to Literature: ScienceENG 24503FictionENG 25103African-American Literature IENG 25103Literature for Children & AdolescentsENG 26013World LiteratureENG 27003ShakespeareENG 27103Survey of Biblical LiteratureENG 27203Exploration of World MythologyENG 27303Rhetorics of Gaming: Introduction to Video Game AnalysisENG 27703Islam to the Modern Middle EastHIST 20313Women in American HistoryHIST 20313Introduction to HumanitiesHUM 10103The Individual in SocietyHUM 1020/102H3The Individual in the CosmosHUM 10303Community Engagement Through the HumanitiesHUM 20203Film AppreciationMJS 13103Survey of European Classical MusicMUS 10103Survey of Rock and RollMUS 10303	Dance Appreciation	DANC 1100	3
American Literature II ENG 2320 3 British Literature I ENG 2350 3 British Literature II ENG 2360 3 Introduction to Literature: Poetry ENG 2410 3 Introduction to Literature: Fiction ENG 2420 3 Introduction to Literature: Drama ENG 2430 3 Introduction to Literature: Science ENG 2450 3 Introduction to Literature II ENG 2510 3 African-American Literature II ENG 2520 3 Literature for Children & Adolescents ENG 2601 3 World Literature ENG 2700 3 Survey of Biblical Literature ENG 2710 3 Survey of Biblical Literature ENG 2720 3 Exploration of World Mythology ENG 2730 3 Rhetorics of Gaming: Introduction to Video Game Analysis Islam to the Modern Middle East HIST 2031 3 Women in American History HIST 2660 3 Introduction to Humanities HUM 1010 3 The Individual in Society HUM 1020/102H 3 The Individual in Society HUM 1030 3 Community Engagement Through the Hum 2020 3 Film Appreciation MJS 1310 3 Survey of European Classical Music MUS 1010 3 Survey of Jazz MUS 1020 3 Survey of Rock and Roll MUS 1030 3	· ·	ENG 2020	3
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British Literature II ENG 2360 3 Introduction to Literature: Poetry ENG 2410 3 Introduction to Literature: Fiction ENG 2420 3 Introduction to Literature: Fiction ENG 2430 3 Introduction to Literature: Drama ENG 2430 3 Introduction to Literature: Science Fiction ENG 2450 3 Introduction to Literature: Science Fiction ENG 2450 3 African-American Literature II ENG 2510 3 African-American Literature II ENG 2520 3 Literature for Children & Adolescents ENG 2601 3 World Literature ENG 2700 3 Shakespeare ENG 2710 3 Survey of Biblical Literature ENG 2720 3 Exploration of World Mythology ENG 2730 3 Rhetorics of Gaming: Introduction to Video Game Analysis Islam to the Modern Middle East HIST 2031 3 Women in American History HIST 2660 3 Introduction to Humanities HUM 1010 3 The Individual in Society HUM 1020/102H 3 The Individual in the Cosmos HUM 1030 3 Community Engagement Through the Humanities HUM 2020 3 Film Appreciation MJS 1310 3 Survey of European Classical Music MUS 1010 3 Survey of Jazz MUS 1020 3 Survey of Rock and Roll MUS 1030 3	American Literature II	ENG 2320	3
Introduction to Literature: Poetry ENG 2410 3 Introduction to Literature: Fiction ENG 2420 3 Introduction to Literature: Drama ENG 2430 3 Introduction to Literature: Science Fiction ENG 2450 3 Introduction to Literature: Science Fiction ENG 250 3 African-American Literature I ENG 2510 3 African-American Literature II ENG 2520 3 Literature for Children & Adolescents ENG 2601 3 World Literature ENG 2700 3 Shakespeare ENG 2710 3 Survey of Biblical Literature ENG 2720 3 Exploration of World Mythology ENG 2730 3 Rhetorics of Gaming: Introduction to Video Game Analysis Islam to the Modern Middle East HIST 2031 3 Women in American History HIST 2660 3 Introduction to Humanities HUM 1010 3 The Individual in Society HUM 1020/102H 3 The Individual in the Cosmos HUM 1030 3 Community Engagement Through the Humanities HUM 2020 3 Film Appreciation MJS 1310 3 Survey of European Classical Music MUS 1030 3 Survey of Rock and Roll MUS 1030 3	British Literature I	ENG 2350	3
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Introduction to Literature: Drama ENG 2430 3 Introduction to Literature: Science Fiction ENG 2510 3 African-American Literature I ENG 2510 3 African-American Literature II ENG 2520 3 Literature for Children & Adolescents ENG 2601 3 World Literature ENG 2700 3 Shakespeare ENG 2710 3 Survey of Biblical Literature ENG 2720 3 Exploration of World Mythology ENG 2730 3 Rhetorics of Gaming: Introduction to Video Game Analysis Islam to the Modern Middle East HIST 2031 3 Women in American History HIST 2660 3 Introduction to Humanities HUM 1010 3 The Individual in Society HUM 1020/102H 3 The Individual in the Cosmos HUM 1030 3 Community Engagement Through the Humanities HUM 2020 3 Film Appreciation MJS 1310 3 Survey of European Classical Music MUS 1010 3 Survey of Pock and Roll MUS 1030 3	Introduction to Literature: Poetry	ENG 2410	3
Introduction to Literature: Science Fiction African-American Literature I African-American Literature II ENG 2520 3 Literature for Children & Adolescents ENG 2601 World Literature ENG 2700 Shakespeare ENG 2710 Survey of Biblical Literature ENG 2720 3 Exploration of World Mythology ENG 2730 Rhetorics of Gaming: Introduction to Video Game Analysis Islam to the Modern Middle East HIST 2031 Women in American History HIST 2660 Introduction to Humanities HUM 1010 The Individual in Society HUM 1020/102H The Individual in the Cosmos HUM 1030 Community Engagement Through the Humanities Film Appreciation MJS 1310 Survey of European Classical Music MUS 1030 Survey of Rock and Roll MUS 1030 3 3 3 3 3 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5	Introduction to Literature: Fiction	ENG 2420	3
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World LiteratureENG 27003ShakespeareENG 27103Survey of Biblical LiteratureENG 27203Exploration of World MythologyENG 27303Rhetorics of Gaming: Introduction to Video Game AnalysisENG 27703Islam to the Modern Middle EastHIST 20313Women in American HistoryHIST 26603Introduction to HumanitiesHUM 10103The Individual in SocietyHUM 1020/102H3The Individual in the CosmosHUM 10303Community Engagement Through the HumanitiesHUM 20203Film AppreciationMJS 13103Survey of European Classical MusicMUS 10103Survey of JazzMUS 10203Survey of Rock and RollMUS 10303	African-American Literature II	ENG 2520	3
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Survey of Biblical Literature ENG 2720 3 Exploration of World Mythology ENG 2730 3 Rhetorics of Gaming: Introduction to Video Game Analysis ENG 2770 3 Islam to the Modern Middle East HIST 2031 3 Women in American History HIST 2660 3 Introduction to Humanities HUM 1010 3 The Individual in Society HUM 1020/102H 3 The Individual in the Cosmos HUM 1030 3 Community Engagement Through the Humanities HUM 2020 3 Film Appreciation MJS 1310 3 Survey of European Classical Music MUS 1010 3 Survey of Rock and Roll MUS 1030 3	World Literature	ENG 2700	3
Exploration of World Mythology Rhetorics of Gaming: Introduction to Video Game Analysis Islam to the Modern Middle East HIST 2031 Women in American History HIST 2660 Introduction to Humanities HUM 1010 The Individual in Society HUM 1020/102H The Individual in the Cosmos Community Engagement Through the Humanities Film Appreciation Survey of European Classical Music MUS 1010 Survey of Rock and Roll MUS 1030 3 Survey of Rock and Roll MUS 1030 3 Survey of Rock and Roll MUS 1030 3 Survey of MUS 1030 3 Survey of Rock and Roll MUS 1030 3 Survey of Rock and Roll	Shakespeare	ENG 2710	3
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Video Game Analysis Islam to the Modern Middle East HIST 2031 Women in American History HIST 2660 Introduction to Humanities HUM 1010 The Individual in Society HUM 1020/102H The Individual in the Cosmos Community Engagement Through the Humanities Film Appreciation Survey of European Classical Music MUS 1010 Survey of Rock and Roll MUS 1030 3 Survey of Rock and Roll MUS 1030 3	Exploration of World Mythology	ENG 2730	3
Women in American History HIST 2660 3 Introduction to Humanities HUM 1010 3 The Individual in Society HUM 1020/102H 3 The Individual in the Cosmos HUM 1030 3 Community Engagement Through the Humanities HUM 2020 3 Film Appreciation MJS 1310 3 Survey of European Classical Music MUS 1010 3 Survey of Jazz MUS 1020 3 Survey of Rock and Roll MUS 1030 3	_	ENG 2770	3
Introduction to Humanities HUM 1010 3 The Individual in Society HUM 1020/102H 3 The Individual in the Cosmos HUM 1030 3 Community Engagement Through the Humanities HUM 2020 3 Film Appreciation MJS 1310 3 Survey of European Classical Music MUS 1010 3 Survey of Jazz MUS 1020 3 Survey of Rock and Roll MUS 1030 3	Islam to the Modern Middle East	HIST 2031	3
The Individual in Society The Individual in the Cosmos HUM 1020/102H 3 Community Engagement Through the Hum 2020 3 Film Appreciation Survey of European Classical Music MUS 1010 3 Survey of Jazz MUS 1020 3 Survey of Rock and Roll MUS 1030 3	Women in American History	HIST 2660	3
The Individual in the Cosmos HUM 1030 3 Community Engagement Through the Hum 2020 3 Film Appreciation MJS 1310 3 Survey of European Classical Music MUS 1010 3 Survey of Jazz MUS 1020 3 Survey of Rock and Roll MUS 1030 3	Introduction to Humanities	HUM 1010	3
Community Engagement Through the Humanities Film Appreciation Survey of European Classical Music MUS 1010 Survey of Jazz MUS 1020 Survey of Rock and Roll MUS 1030 MUS 1030 MUS 1030 MUS 1030 MUS 1030 MUS 1030	The Individual in Society	HUM 1020/102H	3
Humanities Film Appreciation Survey of European Classical Music Survey of Jazz MUS 1010 Survey of Rock and Roll MUS 1030	The Individual in the Cosmos	HUM 1030	3
Survey of European Classical Music MUS 1010 3 Survey of Jazz MUS 1020 3 Survey of Rock and Roll MUS 1030 3	, , , ,	HUM 2020	3
Survey of Jazz MUS 1020 3 Survey of Rock and Roll MUS 1030 3	Film Appreciation	MJS 1310	3
Survey of Rock and Roll MUS 1030 3	Survey of European Classical Music	MUS 1010	3
	Survey of Jazz	MUS 1020	3
Survey of African-American Music MUS 1040 3	Survey of Rock and Roll	MUS 1030	3
	Survey of African-American Music	MUS 1040	3

ARTS AND HUMANITIES, CONTINUED	Course Number	Credit Hours
Survey of World Music	MUS 1050	3
Jazz History I	MUS 2520	3
Critical Thinking	PHIL 1000	3
Introduction to Philosophy	PHIL 1010/101H	3
Introduction to Logic	PHIL 1020	3
Ethics	PHIL 2020/202H	3
Philosophy of Science	PHIL 2031	3
Philosophy of Art	PHIL 2040	3
Bioethics	PHIL 2050/205H	3
Business Ethics	PHIL 2060	3
Honors Social Justice	PHIL 208H	3
Introduction to Religious Studies	REL 1010	3
Comparative World Religions	REL 2000	3
Religious Traditions of Western Christianity	REL 2010	3
African-American Religious Experience	REL 2060	3
Theatre Appreciation	THEA 1010	3
Survey and Appreciation of American Musical Theatre	THEA 1100	3
History of Theatre and Drama I	THEA 2210	3
History of Theatre and Drama II	THEA 2220	3

SOCIAL AND BEHAVIORAL SCIENCES	Course Number	Credit Hours
Cultural Anthropology	ANTH 1010	3
Peoples and Cultures of the World	ANTH 2010	3
Archaeology	ANTH 2110	3
Survey of Economics	ECON 1210	3
Principles of Microeconomics	ECON 2000	3
Principles of Macroeconomics	ECON 2010	3
Introduction to Geography	GEOG 1000	3
World Regional Geography	GEOG 1010	3
Africans in the Americas	GEOG 1050	3
Regional Geography of the US & Canada	GEOG 1510	3
Environmental Geography	GEOG 2030	3
History of Civilization I	HIST 1010/101H	3
History of Civilization II	HIST 1020/102H	3
United States History to 1877	HIST 1510/151H	3
United States History Since 1877	HIST 1520/152H	3



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OHIO TRANSFER 36 ELECTIVES

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	Please work closel	y with you
SOCIAL AND BEHAVIORAL SCIENCES, CONTINUED	Course Number	Credit Hours
History of Immigration in America	HIST 1630	3
History of Africa	HIST 1700	3
African-American Women in History	HIST 2070	3
African-American History to 1877	HIST 2150	3
African-American History 1877 - Present	HIST 2160	3
Women in American History	HIST 2700	3
American National Government	POL 1010/101H	3
State and Local Government	POL 1020	3
Introduction to Conflict and Peace Studies	POL 2020	3
Comparative Politics	POL 2030	3
Political Systems of Africa	POL 2060	3
International Relations	POL 2070	3
Constitutional Law	POL 2100	3
Women and Politics	POL 2120	3
General Psychology	PSY 1010/101H	3
Intro to Industrial/Organizational Psych	PSY 1050	3
Child Growth and Development	PSY 2010	3
Life Span Development	PSY 2020	3
Social Psychology	PSY 2040	3
Psychology of Personality	PSY 2050	3
Adolescent Psychology	PSY 2060	3
Psychopathology	PSY 2081	3
Introduction to Aging	PSY 2100	3
Educational Psychology	PSY 2110	3
Introductory Sociology	SOC 1010/101H	3
Social Institutions	SOC 1020	3
Social Problems	SOC 2010/201H	3
Sociology of the Family	SOC 2020	3
Aging and Society	SOC 2100	3
Death and Dying	SOC 2110	3
Introduction to Criminology	SOC 2160	3
Contemporary American Black-White Relations	SOC 2310	3
Sociology of Gender	SOC 2410	3
Urban Sociology	SOC 2510	3
Race and Ethnic Relations	SOC 2550	3
Introduction to Urban Studies	UST 1010	3

SOCIAL AND BEHAVIORAL SCIENCES, CONTINUED	Course Number	Credit Hours
Urban Cultures	UST 2020	3
Urban Politics	UST 2070	3
American Urban History	UST 2640	3
Introduction to Women's Studies	WGS 1510/151H	3
Women in the World	WGS 2010/201H	3
Women and Politics	WGS/POL 2120	3

NATURAL SCIENCES	Course Number	Credit Hours
Human Evolution*	ANTH 1210*	4
The Cell and DNA*	BIO 1040*	3
The Cell and DNA Laboratory*	BIO 104L*	1
Human Biology*	BIO 1050*	3
Human Biology Laboratory*	BIO 105L*	1
Environment, Ecology, & Evolution*	BIO 1060*	3
Environment, Ecology, & Evolution Lab*	BIO 106L*	1
Insect Biology	BIO 1070	3
Introduction to Biological Chemistry*	BIO 1100*	3
Anatomy & Phys. of Domestic Animals I*	BIO 1410*	4
Anatomy & Phys. of Domestic Animals II*	BIO 1420*	4
Principles of Biology I*	BIO 1500/150H*	4
Principles of Biology II*	BIO 1510*	4
Principles of Genetics	BIO 2060	3
Environmental Science	BIO 2150	3
Microbiology*	BIO 2500*	4
Everyday Chemistry	CHEM 1000	3
Everyday Chemistry Laboratory*	CHEM 100L*	1
Introduction to Inorganic Chemistry*	CHEM 1010/101H*	4
Intro to Organic Chem and Biochem*	CHEM 1020/102H*	4
General Chemistry I	CHEM 1300	4
Honors General Chemistry I*	CHEM 130H*	5
General Chemistry I Laboratory*	CHEM 130L*	1
General Chemistry II*	CHEM 1310/131H*	4
Advising Note:		

* Please see <u>Tri-C catalog</u> for approved modalities.



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NATURAL SCIENCES, CONTINUED	Course Number	Credit Hours
General Chemistry II Laboratory*	CHEM 131L*	1
Earth	ESCI 1030	3
Earth Laboratory*	ESCI 103L*	1
Introduction to Ocean Studies	ESCI 1050	3
Physical Geography	ESCI 1310	3
Laboratory in Physical Geography*	ESCI 131L*	1
Physical Geology	ESCI 1410/141H	3
Laboratory in Physical Geology	ESCI 141L	1
Historical Geology	ESCI 1510	3
Laboratory in Historical Geology*	ESCI 151L*	1
Geology of the National Parks	ESCI 1610	3
Lab in Geology of the National Parks*	ESCI 161L*	1
Astronomy	PHYS 1010	3
Astronomy Laboratory*	PHYS 101L*	1
Everyday Physics	PHYS 1050	2
College Physics I*	PHYS 1210*	4
College Physics II*	PHYS 1220*	4
General Physics I*	PHYS 2310*	5
General Physics II*	PHYS 2320*	5
Advising Notes	·	

Advising Note:

^{*} Please see <u>Tri-C catalog</u> for approved modalities.