

**COORDINATING COMMISSION
FOR POSTSECONDARY EDUCATION**

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PROPOSAL FOR NEW INSTRUCTIONAL PROGRAM

Form 92-40

Institution Submitting Proposal:	<u>Southeast Community College</u>
Title of Program:	<u>Health Sciences</u>
CIP Code:	51.0000
Organizational Unit in which Program will be located:	<u>Health Sciences Division</u>
Name of Contact Person in the event additional Information is needed:	<u>Dr. Dennis Headrick</u>
Telephone:	<u>402-323-3427</u>
Degree, Diploma, or Certificate to be offered:	<u>Associate of Science (A.S.)</u>
Proposal date to initiate program:	<u>August 2020</u>
List the Location(s) where this program will be offered:	<u>Lincoln campus, Beatrice campus, Milford campus</u>
If the program has a projected ending date, please so indicate:	N/A
Date Approved by Governing Board:	_____

(Attach all documents related to this proposal upon which the Governing Board made its decision to approve the proposal.)

Chief Executive Officer's or other Authorized Officer's signature _____

I. Description and Purpose of the Proposed Program

Southeast Community College (SCC) proposes to add an Associate of Science (A.S.) program in Health Sciences.

The proposed A.S. program will be part of the Health Sciences Division and supervised by the Dean of Health Sciences. The proposed program will utilize the existing faculty, staff, and facilities of the Health Sciences and Academic Transfer divisions.

Purpose of proposed program

The proposed Associate of Science degree in Health Sciences will serve a dual purpose. First, it is a program designed for students wishing to complete the first half of a bachelor's degree at Southeast Community College before transferring to a four-year institution to complete a health sciences or pre-professional health program. Second, the program will serve as a pre-Health general studies program for students taking general studies courses before being admitted to one of SCC's Associate of Applied Science programs in Health Sciences.

Transfer Pathway

The Associate of Science Degree in Health Sciences is intended for students who plan to transfer to a four-year college or university to pursue a bachelor's degree towards a professional health science career. Currently these students are placed in the general arts and sciences Academic Transfer program, and are advised through the Transfer Advising Office, which is under the Arts and Sciences Division. Creating an A.S. in Health Sciences will provide these students with a more focused transfer pathway into health science programs than the general Academic Transfer program can provide. It will enable SCC to provide these students with more targeted and effective advising about pre-professional health academic programs and health sciences careers. Being part of the Health Sciences Division will also give students an opportunity to engage more deeply with other students preparing for health sciences professions at SCC. Professions for which students could complete the first two years of core baccalaureate-level coursework include, but are not limited to:

- Pre-Chiropractic
- Pre-Dental Hygiene/Dentistry
- Pre-Exercise Science
- Pre-Medicine
- Pre-Nursing
- Pre-Occupational Therapy
- Pre-Optometry
- Pre-Pharmacy
- Pre-Physical Therapy
- Pre-Physician Assistant
- Pre-Radiology
- Pre-Social Work/Counseling
- Pre-Speech Therapy

Pre-Health Students

In addition to serving as a transfer pathway, the A.S. in Health Science will provide an academic home for students completing general studies coursework prior to their admission to a specific Health Sciences program at SCC. All students must be admitted into an academic program at the College to receive federal financial aid, and currently these students are placed in the general arts and sciences Academic Transfer program.

Admitting these students to the Health Sciences program would allow them to receive more targeted advising through the Health Sciences division and begin engaging more deeply with health sciences students and faculty. It will also allow the students to learn about the broad array of health care fields represented at SCC. (Most applicants are familiar with only a few health professions, such as nursing; receiving targeted advising through the Health Sciences division will allow these students a greater opportunity to learn about the many specialized health professions that exist and for which SCC offers an educational pathway.) Beyond providing clearer pathways for students, this change will be beneficial to SCC's ability to effectively allocate advising resources, streamline admissions processes, and accurately track student outcomes.

Professions for which a student could complete supporting coursework while prior to admission to an AAS program include, but are not limited to:

- Medical Lab Technician
- Nursing
- Paramedic
- Physical Therapist Assistant
- Radiology
- Respiratory Care
- Surgical Technology

Description of proposed program

Like the Academic Transfer Program, the Associate Degree in Health Sciences Program will be based on a distribution model comprised of foundational courses within SCC. The A.S. in Health Sciences will utilize the same core list of courses as the general A.A. and A.S. degrees, but will have a different distribution of credit hours among the core areas (see Appendix). A minimum of 60 approved semester credits are required for graduation.

All courses included within the A.S. degree in Health Sciences are currently being offered at SCC; no new courses are being developed for this program.

The chart below compares the distribution of credit hour requirements by core area for the proposed A.S. degree in Health Sciences to the current A.S. degree in Academic Transfer.

	A.S. – Health Sciences	A.S. – Academic Transfer	
SCC CORE AREA	<i>Credit hours</i>	<i>Credit hours</i>	
Written Communication	6	6	–
Speech Communication	3	3	–
Mathematics	6	6-10	↓
Natural Science w/ Lab	16-20	8-10	↑
Additional Math <u>or</u> Science w/lab	NA	3-5	↓
Humanities	6	3-5	↑
Social Sciences	6	3	+
Additional Humanities <u>or</u> Social Science	NA	3-6	↓
Culture & Gender Studies	3	3	
Electives	15-16	22	
	60 minimum	60 minimum	

II. Review Criteria

A. Centrality to Role and Mission

Southeast Community College's mission statement is as follows:

The mission of Southeast Community College (SCC) is to empower and transform its students and the diverse communities it serves. The College provides accessible, dynamic, and responsive pathways to career and technical, academic transfer, and continuing education programs. Student success and completion is maximized through collegiate excellence, exemplary instruction, comprehensive student support services, enrichment programs, and student-centered processes. SCC is committed to a proactive and evidence-based approach that continually assesses and responds to student, community, and employer demand for higher education.

The addition of the AS in Health Sciences fits well with SCC's mission to provide accessible and responsive pathways to career and technical education and academic transfer programs. This program responds to students' need for clearly defined pathways into healthcare careers and demand from the health care industry for more skilled and qualified workers at all degree levels.

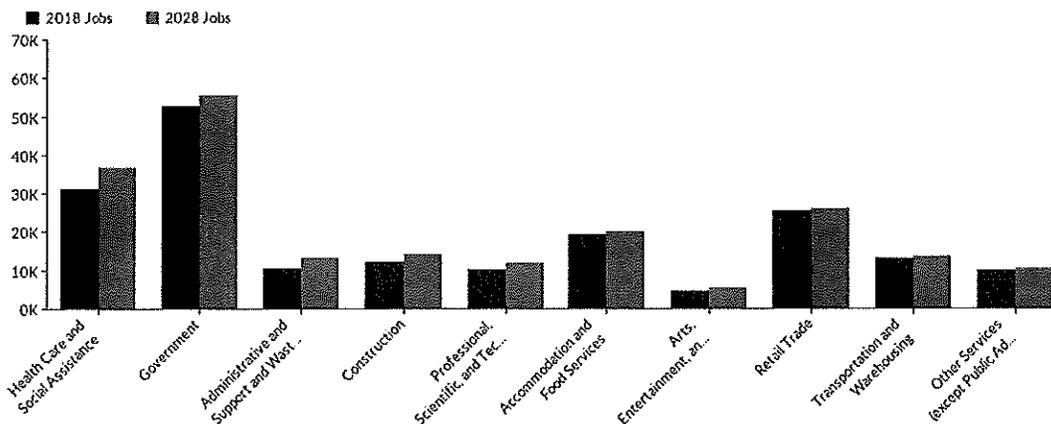
B. Evidence of Need and Demand

1. Need for Program

There is an increasing need for healthcare professionals in SCC's 15-county service area and in Nebraska in general. The proposed A.S. in Health Sciences will help fill this need both through providing affordable transfer pathways to the gamut of health care degrees at the bachelor's level and higher and by aiding in the academic success of pre-AAS students through clearer pathways and more effective advising.

As shown in Figure 1, Health Care and Social Assistance is the second largest industry in SCC's 15-county service area, and it ranks first in the projected number of jobs to be added between 2018 and 2028 (+5,750 jobs; 18% growth in employment)¹.

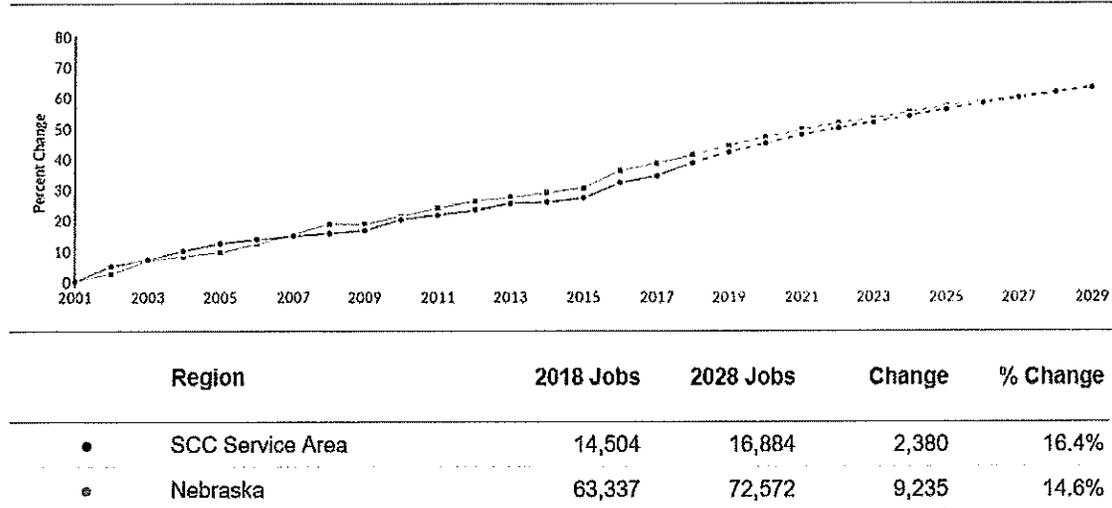
Figure 1: Health Care and Social Assistance in relation to other industries in the SCC 15-county area.



¹ EMSI data (www.economicmodeling.com)

As shown in Figure 2, a 15% growth (3,411 new jobs) is projected between 2018 and 2028 for Health Care Practitioners and Technical Occupations and Healthcare Support Occupations².

Figure 2: Healthcare Practitioners and Technical Occupations (SOC 29-0000) and Healthcare Support Occupations (SOC 31-0000)



2. Demand for Program

This program is targeted towards better serving the students who are already choosing to attend SCC—students preparing to transfer into pre-Health programs at four-year institutions and students preparing to enter the various A.A.S programs in health sciences. Current student enrollments and graduate data show there will be a demand for the A.S. in Health Sciences.

Four-year Transfer Students

While it is difficult to project how many students will choose to enroll in an A.S. in Health Sciences, we know that a significant number of SCC graduates are transferring on to health-related majors at four-year institutions.

Figure 3 shows the total number of SCC graduates broken out by the division they graduated from (Health Sciences, Arts and Sciences, and all other divisions). Figure 4 shows the number of SCC graduates in the last 10 years who enrolled after graduation in a health-science related major³ at a four-year institution as reported⁴ to the National Student Clearinghouse. This data shows that 367 graduates of Health Sciences programs, 186 graduates in Arts and Sciences, and 62 graduates from other divisions at SCC later enrolled in a health-related major at a four-year institution.

² EMSI data (www.economicmodeling.com)

³ The majors counted in this group included all specific health fields and pre-professional health programs, as well as biology and biochemistry (which are common pre-medicine majors).

⁴ These figures only include data from institutions who report both enrollment and major information. There are a total of 3,675 institutions across the nation who submit enrollment to the NSC, 45 of them in Nebraska.

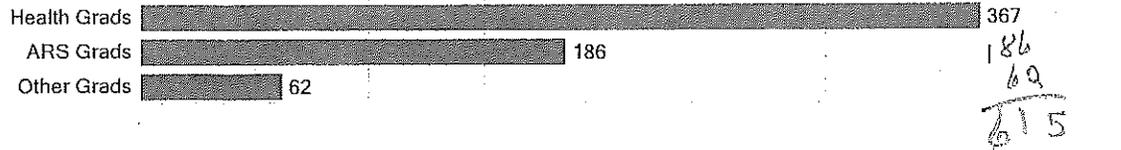
Figure 3

SCC Graduates during the last 10 Academic Years (2009-10 thru 2018-19)



Figure 4

SCC graduates (2009-10 thru 2018-19) enrolled in a Health-related major at a 4-year institution after graduation



U.S. Savings

Pre-health Students

For seven quarters from summer 2015 through winter 2016, SCC tracked incoming “pre-health” students (students taking general studies courses with the goal of entering one of SCC’s Health Sciences programs) separately from general Academic Transfer students in the student records system. The following chart indicates how many students per quarter were designated in this category. (The numbers doubled in the second full year because students were coded as pre-health upon entering SCC and tracked through their time enrolled at the college; by fall 2016 two full cohorts were being tracked).

Term	Pre-Health enrollment count
Summer 2015	79
Fall 2015	308
Winter 2016	314
Spring 2016	368
Summer 2016	311
Fall 2016	656
Winter 2016	643

2 cohorts

Given these past enrollment, graduation and transfer trends, SCC is confident there is sufficient demand for the A.S. program in Health Sciences.

C. ADEQUACY OF RESOURCES

1. Faculty and Staff Resources

No additional faculty or staff will need to be hired to establish this new program. All courses in the Health Sciences A.S. degree are currently being taught in the Health Sciences and Academic Transfer divisions. It is not anticipated that the proposed program will create substantial growth within the Health Sciences division, but rather the intent is to make academic advising more effective and the student career and transfer pathways clearer. There is already an academic advisor designated for the Health Sciences division who will advise the Health Sciences A.S. students.

2. Physical Facilities and Instructional Equipment

No additional facilities or equipment will be needed for the proposed program, as all courses in the Health Sciences A.S. curriculum are already being taught in the Health Sciences and Academic Transfer divisions.

3. Informational Resources: Library/Informational Access

Since all courses in the curriculum are already being offered, the library and technology resources, as well as sufficient library staff, library resources and information technology resources, are already in place at the College to support the programs currently being offered. Online students have access to SCC resources, including digital library support, and access to the SCC intranet.

4. Budget Projections

	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	
	Year One	Year Two	Year Three	Year Four	Year Five	<u>Total</u>
Personal Services						
Instructional Costs *	\$ 31,390.74	\$ 62,781.48	\$ 62,781.48	\$ 94,172.22	\$ 125,562.96	
Operating Expenses						
Educational Supplies	\$ 15,000.00	\$ 30,000.00	\$ 37,500.00	\$ 48,750.00	\$ 56,250.00	
Facilities						
Current classroom and lab space to be utilized	\$ -	\$ -	\$ -	\$ -	\$ -	
Expenses	\$ 46,390.74	\$ 92,781.48	\$ 100,281.48	\$ 142,922.22	\$ 181,812.96	
Projected Student Enrollment						
New Students to the college	20	40	50	65	75	
Tuition Generation	\$ 64,800.00	\$ 129,600.00	\$ 162,000.00	\$ 210,600.00	\$ 243,000.00	
Net Revenue from Tuition	\$ 18,409.26	\$ 36,818.52	\$ 61,718.52	\$ 67,677.78	\$ 61,187.04	
* We will use current or adjunct faculty to meet the needs of this program						

if current faculty are used, & they teach for the Academic Transfer A.S., how was this # calculated?

*\$3,2400/student
 ÷ 30 = \$108/cr hr*

total \$108

D. Avoidance of Unnecessary Duplication

There is no unnecessary duplication of programs. This program is targeted primarily at students who already attend SCC to provide more focused advising and clearer career and transfer pathways for pre-professional health students. Metropolitan Community College and Western Nebraska Community College offer similar pre-professional health transfer degrees, but there are no comparable associate-level pre-professional health transfer degrees offered in SCC's 15-county service area.

E. Consistency with the Comprehensive Statewide Plan for Postsecondary Education

The proposed addition of an A.S. degree in Health Sciences is consistent with Nebraska's Comprehensive Statewide Plan for Postsecondary Education. Specifically, it contributes to the following goals:

- The Statewide Comprehensive Plan designates the equal role of community colleges in providing baccalaureate education: "Associate and baccalaureate degree-granting institutions are equal partners in providing the first two years of baccalaureate degree programs" (pg. 2-11). The proposed A.S. degree in Health Sciences allows the college to more fully play its role as an equal partner in baccalaureate education in southeastern Nebraska.
- Another goal of the Statewide Comprehensive Plan is that "institutions with a role in health-care education identify and respond to the changing health-care needs of Nebraska's citizens" (pg. 3-6). By improving the educational pathways for both associate of applied sciences degree earners and those who intend to transfer for bachelor's degrees or beyond, the proposed program aims to expand the educational pipeline of skilled healthcare workers at all educational levels, thereby responding to the needs of the state's rapidly expanding healthcare industry.

MCC - AAS Prof/Health Studies 27 gen ed
 42 major
 13.5 - 27 option
 96 (64 sem cr hrs) dental asst
 paramed.
 general
 med asst

WNCC Ac Transfer AS 64 cr hrs dent hyg
 66 pro-~~dent~~
 63 pro-dent
 AAS - eg, paramedic gen ed 16-17
 EMT 8
 paramedic 42
 66-67

MCC AS gen ed	30-33
elec	27-30
	<hr/> 60

CCC AAS med asst	45
	<hr/> 60

NECC AS gen ed 29-42
 elec 13
 min = 60

AS gen ed	36
elec	24
	<hr/> 60

Appendix - List of Core Courses

ACADEMIC TRANSFER:

Beatrice/Lincoln/Milford/Online

ASSOCIATE OF ARTS/ASSOCIATE OF SCIENCE CORE COURSES

The courses listed below make up the AA/AS core. Students are encouraged to meet with an SCC advisor, as well as an advisor at the college or university to which they plan to transfer, to determine transfer courses that will meet the requirements for the student's field of study.

A course may be used to satisfy only one graduation requirement. A total of at least 60 semester credits is required for the Associate of Arts or Associate of Science degree in Academic Transfer at Southeast Community College. See Academic Transfer Degree Requirements above to determine which core courses you should take.

A. Written Communication

Take:
English Composition I ENGL1010 3.0

AND take one of the following:
English Composition II ENGL1020 3.0
Technical Writing ENGL2560 3.0
Business Communication Strategies OFFT2120 3.0

B. Speech

Take one of the following:
Fundamentals of Human Communication SPCH1090 3.0
Public Speaking SPCH1110 3.0
Business & Professional Communication SPCH2810 3.0

C. Mathematics/Logic

The prerequisite for math courses must have been taken within the past 3 years.
College Algebra** MATH1150 3.0
Trigonometry** MATH1200 3.0
Pre-calculus** MATH1300 5.0
Applied Calculus* MATH1400 3.0
Analytic Geometry & Calculus 1, 2, 3* MATH1600/1700/2080 5.0, 5.0, 4
Contemporary Mathematics MATH2030 3.0
Applied Statistics MATH/BSAD2170 3.0
Introduction to Logic and Critical Thinking*** PHIL1100 3.0
Introduction to Modern Logic*** PHIL2110 3.0

*Students may only receive credit for either MATH1400 OR MATH1600.

**Students may only receive credit for MATH1300 OR for MATH1150 and/or MATH1200.

*** PHIL courses may not be used to fulfill the Mathematics requirement for the AS degree.

D. Natural Science with Lab

NOTE: Science requirements vary depending on transfer institutions and major. Some colleges/majors require that you take science courses from two different subjects. For the AS degree, both science courses must be lab courses. For the AA degree, only once science course must include a lab. Check with a SCC advisor, as well as an advisor for your major at your receiving institution, for recommendations.

General Biology BIOS1010 4.0
General Botany BIOS1090 4.0
Introduction to Zoology BIOS1120 4.0
Human Anatomy BIOS1140 4.0
Biology I BIOS1400 4.0
Biology II BIOS1410 4.0
Human Physiology BIOS2130 4.0
Principles of Ecology BIOS2200 4.0
Human Anatomy & Physiology I BIOS2250 4.0
Human Anatomy & Physiology II BIOS2260 4.0
General Genetics BIOS2410 4.0
Microbiology BIOS2460 4.0
Introduction to Biotechnology I BIOT1400 4.0
Introduction to Biotechnology II BIOT2400 4.0
Chemistry and the Citizen* CHEM1050 4.0
General Chemistry I* CHEM1090 4.0
General Chemistry II CHEM1100 4.0
Physical Geography GEOG1500 4.0
Physical Geology GEOL1010 4.0
Astronomy PHYS1030 4.0
Physical Science PHYS1100 4.0
Descriptive Physics** PHYS1150 4.0
Elementary General Physics I** PHYS1410 5.0
Elementary General Physics II PHYS1420 5.0
General Physics I** PHYS2110 5.0
General Physics II PHYS2120 5.0

*Students may only receive credit for either CHEM1050 OR CHEM1090.

**Students may receive credit for only one of PHYS 1150, PHYS 1410, or PHYS 2110.

Natural Science: Non-Lab (Option for AA Only)

Environmental Biology BIOS1030 3.0
Biological Organic Chemistry CHEM2550 3.0
Basic Nutrition FSDT1350 3.0
Environmental Geology GEOL1060 3.0
Selected Topics in Astronomy PHYS1130 3.0
Brain & Behavior PSYC2730 3.0

E. Humanities

Humanities requirements vary depending on your intended transfer institution and major. It is recommended you check with an SCC advisor to help you select your Humanities courses.

For the AA Degree, choose 3 courses from 3 different groups.

GROUP 1

Literature/Journalism/Philosophy
Modern Fiction ENGL2050 3.0
Introduction to Literature ENGL2100 3.0
Intro to Shakespeare ENGL2140 3.0
Introduction to Women's Literature ENGL2150 3.0
Children's Literature ENGL2160 3.0
Science Fiction Literature ENGL2200 3.0
American Literature After 1865 ENGL2210 3.0
British Literature Post-1800 ENGL2220 3.0
African American Literature ENGL2440 3.0
Native American Literature ENGL2450 3.0
Latino/a & Latin American Literature ENGL2460 3.0
Asian American Literature ENGL2470 3.0
Introduction to Mass Media JOUR1810 3.0
Media Writing JOUR1820 3.0
Introduction to Philosophy PHIL1010 3.0
Applied Ethics PHIL1060 3.0
Introduction to Logic and Critical Thinking PHIL1100 3.0
Introduction to Modern Logic PHIL2110 3.0
Bioethics PHIL2130 3.0
Environmental Ethics PHIL2250 3.0
Comparative Religions PHIL2610/RELS2610 3.0
Philosophy of Religion PHIL2650 3.0

GROUP 2

Creative/Fine/Performing Arts
Intro to Visual Arts ARTS1010 3.0
Intro to Art History and Criticism I ARTS1050 3.0
Intro to Art History and Criticism II ARTS1060 3.0
Beginning Drawing I ARTS1110 3.0
2-Dimensional Design ARTS1210 3.0
Beginning Ceramics I ARTS1330 3.0
Beginning Painting I ARTS2510 3.0
Native American Art ARTS2650 3.0
Women in Art ARTS2750 3.0
History of Photography ARTS2850 3.0
Introduction to Creative Writing ENGL1510 3.0
Fiction Writing ENGL2520 3.0
Poetry Writing ENGL2530 3.0
Introduction to the Humanities HUMS1100 3.0
Contemporary Arts & Ideas HUMS1200 3.0
Intro to Music MUSC1010 3.0
Music Theory I MUSC1610 4.0
Introduction to American Music MUSC2750 3.0
Introduction to World Music MUSC2800 3.0
History of Rock Music MUSC2870 3.0
Beginning Photography PHOT1750 3.0
Digital Photography and Creative Imaging PHOT1760 3.0
Oral Performance of Literature SPCH2050 3.0
Introduction to Theatre THEA1010 3.0
Basic Acting THEA1140 3.0
Film Appreciation THEA2130 3.0

GROUP 3

Languages
Beginning Chinese I CHIN1010 5.0
Beginning Chinese II CHIN1020 5.0
Beginning German I GERM1010 5.0
Beginning German II GERM1020 5.0
Beginning American Sign Language I SIGN1010 4.0
Beginning American Sign Language II SIGN1020 4.0
Beginning Spanish I SPAN1010 5.0
Beginning Spanish II SPAN1020 5.0

Programs in the ARTS & SCIENCES-Related Category

Programs in the ARTS & SCIENCES-Related Category

GROUP 4

Literature/Journalism/Philosophy
 Modern Fiction ENGL2050 3.0
 Introduction to Literature ENGL2100 3.0
 Intro to Shakespeare ENGL2140 3.0
 Introduction to Women's Literature ENGL2150 3.0
 Children's Literature ENGL2160 3.0
 Science Fiction Literature ENGL2200 3.0
 American Literature After 1865 ENGL2210 3.0
 British Literature Post-1800 ENGL2220 3.0
 African American Literature ENGL2440 3.0
 Native American Literature ENGL2450 3.0
 Latino/a & Latin American Literature ENGL2460 3.0
 Asian American Literature ENGL2470 3.0
 Introduction to Mass Media JOUR1810 3.0
 Media Writing JOUR1820 3.0
 Introduction to Philosophy PHIL1010 3.0
 Applied Ethics PHIL1060 3.0
 Introduction to Logic and Critical Thinking PHIL1100 3.0
 Introduction to Modern Logic PHIL2110 3.0
 Bioethics PHIL2130 3.0
 Environmental Ethics PHIL2250 3.0
 Comparative Religions PHIL2610/RELS2610 3.0
 Philosophy of Religion PHIL2650 3.0

Creative/Fine/Performing Arts

Intro to Visual Arts ARTS1010 3.0
 Intro to Art History and Criticism I ARTS1050 3.0
 Intro to Art History and Criticism II ARTS1060 3.0
 Beginning Drawing I ARTS1110 3.0
 2-Dimensional Design ARTS1210 3.0
 Beginning Ceramics I ARTS1330 3.0
 Beginning Painting I ARTS2510 3.0
 Native American Art ARTS2650 3.0
 Women in Art ARTS2750 3.0
 History of Photography ARTS2850 3.0
 Introduction to Creative Writing ENGL1510 3.0
 Fiction Writing ENGL2520 3.0
 Poetry Writing ENGL2530 3.0
 Introduction to the Humanities HUMS1100 3.0
 Contemporary Arts & Ideas HUMS1200 3.0
 Intro to Music MUSC1010 3.0
 Music Theory I MUSC1610 4.0
 Introduction to American Music MUSC2750 3.0
 Introduction to World Music MUSC2800 3.0
 History of Rock Music MUSC2870 3.0
 Beginning Photography PHOT1750 3.0
 Digital Photography and Creative Imaging PHOT1760 3.0
 Oral Performance of Literature SPCH2050 3.0
 Introduction to Theatre THEA1010 3.0
 Basic Acting THEA1140 3.0
 Film Appreciation THEA2130 3.0

Languages

Beginning Chinese I CHIN1010 5.0
 Beginning Chinese II CHIN1020 5.0
 Beginning German I GERM1010 5.0
 Beginning German II GERM1020 5.0
 Beginning American Sign Language I SIGN1010 4.0
 Beginning American Sign Language II SIGN1020 4.0
 Beginning Spanish I SPAN1010 5.0
 Beginning Spanish II SPAN1020 5.0

F. Social/Behavioral Sciences

Social Science requirements vary depending on your intended transfer institution and major. It is recommended you check with an SCC advisor to help you select your Social Science courses.
 For the AA Degree, choose three classes from at least three different groups.

GROUP 1

Anthropology/Psychology/Sociology
 Intro, to Cultural Anthropology ANTH1020 3.0
 General Anthropology ANTH1120 3.0
 Interpersonal Relations PSYC1250 3.0
 Introduction to Psychology PSYC1810 3.0
 Social Psychology PSYC2880 3.0
 Life-Span Human Development PSYC2960 3.0
 Introduction to Sociology SOCI1010 3.0
 Diversity in Society SOCI1020 3.0
 Women in Contemporary Society SOCI2000 3.0
 Social Problems SOCI2010 3.0
 Issues of Unity & Diversity SOCI2150 3.0
 Marriage and the Family SOCI2250 3.0

GROUP 2

Economics/Political Science
 Personal Finance ECON1200 3.0
 Principles of Macroeconomics ECON2110 3.0
 Principles of Microeconomics ECON2120 3.0
 American Government POLS1000 3.0
 Comparative Politics POLS1040 3.0
 Introduction to Political Science POLS1080 3.0
 International Relations POLS1600 3.0

GROUP 3

Geography/History
 Exploring Our World: Fundamentals of Geospatial Science GEOG1000 3.0
 Human Geography GEOG1400 3.0
 World Regional Geography GEOG1420 3.0
 Western Tradition to 1500 HIST1000 3.0
 Western Tradition Since 1500 HIST1010 3.0
 American History I HIST2010 3.0
 American History II HIST2020 3.0
 World History to 1500 CE HIST2100 3.0
 World History since 1500 CE HIST2110 3.0
 Survey of African American History HIST2960 3.0

GROUP 4

Anthropology/Psychology/Sociology
 Intro. to Cultural Anthropology ANTH1020 3.0
 General Anthropology ANTH1120 3.0
 Interpersonal Relations PSYC1250 3.0
 Introduction to Psychology PSYC1810 3.0
 Social Psychology PSYC2880 3.0
 Life-Span Human Development PSYC2960 3.0
 Introduction to Sociology SOCI1010 3.0
 Diversity in Society SOCI1020 3.0
 Women in Contemporary Society SOCI2000 3.0
 Social Problem SOCI2010 3.0
 Issues of Unity & Diversity SOCI2150 3.0
 Marriage and the Family SOCI2250 3.0

Economics/Political Science

Personal Finance ECON1200 3.0
 Principles of Macroeconomics ECON2110 3.0
 Principles of Microeconomics ECON2120 3.0
 American Government POLS1000 3.0
 Comparative Politics POLS1040 3.0
 Introduction to Political Science POLS1080 3.0
 International Relations POLS1600 3.0

Geography/History

Exploring Our World: Fundamentals of Geospatial Science GEOG1000 3.0
 Human Geography GEOG1400 3.0
 World Regional Geography GEOG1420 3.0
 Western Tradition to 1500 HIST1000 3.0
 Western Tradition Since 1500 HIST1010 3.0
 American History I HIST2010 3.0
 American History II HIST2020 3.0
 World History to 1500 CE HIST2100 3.0
 World History since 1500 CE HIST2110 3.0
 Survey of African American History HIST2960 3.0

Education/Physical Education

Intro, to Professional Education EDUC1110 3.0
 Professional Practicum I EDUC1700 1.0
 Introduction to Special Education EDUC2300 3.0
 Instructional Technology EDUC2590 3.0
 Lifetime Wellness PHED1000 3.0

Culture & Gender Studies

General Anthropology ANTH1120 3.0
 Native American Art ARTS2650 3.0
 Women in Art ARTS2750 3.0
 Introduction to Special Education EDUC2300 3.0
 Introduction to Women's Literature ENGL2150 3.0
 African American Literature ENGL2440 3.0
 Native American Literature ENGL2450 3.0
 Latino/a & Latin American Literature ENGL2460 3.0
 Asian American Literature ENGL2470 3.0
 Human Geography GEOG1400 3.0
 World Regional Geography GEOG1420 3.0
 Global Studies GLST2980 3.0
 World History to 1500 CE HIST2100 3.0
 World History since 1500 CE HIST2110 3.0
 Survey of African American History HIST2960 3.0
 Multicultural Competency HMRS1320 3.0
 Introduction to World Music MUSC2800 3.0
 Comparative Religions PHIL2610/RELS2610 3.0
 International Relations POLS1600 3.0
 Diversity in Society SOCI1020 3.0
 Women in Contemporary Society SOCI2000 3.0
 Social Problems SOCI2010 3.0
 Intercultural Communication SPCH2110 3.0
 Issues of Unity & Diversity SOCI2150 3.0

H. Electives

May be taken from, but are not limited to, any course listed on the Academic Transfer Electives List. Other courses may also apply with approval. Different transfer institutions and different majors have different requirements, so check with your transfer institution and/or an SCC advisor to help make your best selections. Additional elective courses may be approved by the Dean of Arts and Sciences.

ACADEMIC TRANSFER ELECTIVES LIST

Course #	Course Title	Credit Hours	CRIM1020	Introduction to Corrections	3.0
ACCT1200	Principles of Accounting I	3.0	CRIM1030	Courts & the Judicial Process	3.0
ACCT1210	Principles of Accounting II	3.0	CRIM2030	Police & Society	3.0
ACFS1015	New Student Orientation	1.0	CRIM2080	Criminal Procedure	3.0
AGRI1131	Crop & Food Science	3.0	CRIM2100	Juvenile Justice	3.0
AGRI1141	Livestock Management & Selection	4.0	CRIM2200	Criminology	3.0
AGRI1153	Soils & Plant Nutrition	4.0	DDRT1120	Basic Computer Aided Drafting	2.0
AGRI1177	Companion Animals	3.0	ECED1130	Social-Emotional Development & Behavior Guidance	3.0
AGRI1257	Live Animal Selection & Carcass Evaluation	2.0	ECED2070	Family & Community Relationships	3.0
AGRI1258	Introduction to Meats	2.0	ECON1200	Personal Finance	3.0
ANTH1020	Intro to Cultural Anthropology	3.0	ECON2110	Principles of Macroeconomics	3.0
ANTH1120	General Anthropology	3.0	ECON2120	Principles of Microeconomics	3.0
ARTS1010	Introduction to Visual Arts	3.0	EDUC1110	Introduction to Professional Education	3.0
ARTS1050	Introduction to Art History & Criticism I	3.0	EDUC1700	Professional Practicum I	1.0
ARTS1060	Introduction to Art History & Criticism II	3.0	EDUC2300	Introduction to Special Education	3.0
ARTS1110	Beginning Drawing I	3.0	EDUC2590	Instructional Technology	3.0
ARTS1120	Beginning Drawing II	3.0	EDUC2970	Professional Practicum Experiences II	2.0
ARTS1210	2-Dimensional Design	3.0	ENGL1020	English Composition II	3.0
ARTS1220	3-Dimensional Design	3.0	ENGL1110	Business Communications	3.0
ARTS1330	Beginning Ceramics I	3.0	ENGL1510	Introduction to Creative Writing	3.0
ARTS1340	Beginning Ceramics II	3.0	ENGL2050	Modern Fiction	3.0
ARTS2510	Beginning Painting I	3.0	ENGL2100	Introduction to Literature	3.0
ARTS2520	Beginning Painting II	3.0	ENGL2140	Introduction to Shakespeare	3.0
ARTS2650	Introduction to Native American Art	3.0	ENGL2150	Introduction to Women's Literature	3.0
ARTS2750	Women in Art	3.0	ENGL2160	Children's Literature	3.0
ARTS2850	History of Photography	3.0	ENGL2165	Young Adult Literature	3.0
BIOS1010	General Biology	4.0	ENGL2200	Science Fiction Literature	3.0
BIOS1030	Environmental Biology	3	ENGL2210	American Literature After 1865	3.0
BIOS1090	General Botany	4.0	ENGL2220	British Literature Post-1800	3.0
BIOS1120	Introduction to Zoology	4.0	ENGL2440	African American Literature	3.0
BIOS1140	Human Anatomy & Lab	4.0	ENGL2450	Native American Literature	3.0
BIOS1400	Biology I	4.0	ENGL2460	Latino/a & Latin American Literature	3.0
BIOS1410	Biology II	4.0	ENGL2470	Asian American Literature	3.0
BIOS2130	Human Physiology & Lab	4.0	ENGL2520	Fiction Writing	3.0
BIOS2200	Principles of Ecology	4.0	ENGL2530	Poetry Writing	3.0
BIOS2250	Human Anatomy & Physiology I	4.0	ENGL2560	Technical Writing	3.0
BIOS2260	Human Anatomy & Physiology II	4.0	ENGL2980	Special Topics in Literature	3.0
BIOS2410	General Genetics	4.0	ENGR1010	Engineering Design	3.0
BIOS2460	Microbiology	4.0	ENGR1020	MATLAB Programming & Problem Solving	3.0
BIOT1400	Introduction to Biotechnology I w/Lab	4	ENGR2010	Introduction to Circuits & Electronics	4.0
BIOT2400	Introduction to Biotechnology II w/Lab	4	ENGR2020	Engineering Statics	3.0
BIOT2441	Quality Assurance for Biosciences	3.0	ENR1050	Introduction to Entrepreneurship	3.0
BIOT2443	Manufacturing and Production	3.0	FSDT1350	Basic Nutrition	3.0
BIOT2445	Molecular Biology Techniques	4.0	GEOG1000	Exploring Our World: Fundamentals of Geospatial Science	3.0
BIOT2446	Cell Culture Techniques	3.0	GEOG1400	Introduction to Human Geography	3.0
BIOT2450	Current Topics in Biotechnology	3.0	GEOG1420	World Regional Geography	3.0
BIOT2452	Bioinformatics	3.0	GEOG1500	Physical Geography	4.0
BIOT2454	Biotechnology in Forensics	3.0	GEOL1010	Physical Geology	4.0
BIOT2500	Applied Biosciences: Practicum	3.0	GEOL1060	Environmental Geology	3.0
BSAD1010	Microsoft Applications I	3.0	GERM1010	Beginning German I	5.0
BSAD1020	Microsoft Applications II	3.0	GERM1020	Beginning German II	5.0
BSAD1050	Introduction to Business	3.0	GERM2010	Second Year German I	3.0
BSAD1090	Business Law I	3.0	GERM2020	Second Year German II	3.0
BSAD/			GERM2100	Accelerated Second-Year German	6.0
MATH2170	Applied Statistics	3.0	GLST2980	Global Studies	3.0
BSAD2430	Marketing Communications	3.0	HIST1000	Western Tradition to 1500	3.0
BSAD2520	Principles of Marketing	3.0	HIST1010	Western Tradition since 1500	3.0
BSAD2540	Principles of Management	3.0	HIST2010	American History I	3.0
CHEM1050	Chemistry & the Citizen	4	HIST2020	American History II	3.0
CHEM1090	General Chemistry I	4	HIST2100	World History to 1500 CE	3.0
CHEM1100	General Chemistry II	4	HIST2110	World History since 1500 CE	3.0
CHEM2510	Organic Chemistry I	4	HIST2450	History of the Civil War & Reconstruction	3.0
CHEM2520	Organic Chemistry II	4	HIST2510	History of Rome	3.0
CHEM2550	Biological Organic Chemistry	3.0	HIST2604	World War II	3.0
CHIN1010	Beginning Chinese I	5.0	HIST2790-2799	Special Topics in History	4.5
CHIN1020	Beginning Chinese II	5.0	HIST2960	Survey of African American History	3.0
CHIN2010	Second Year Chinese I	3.0	HLTH1030	Structure and Function of the Human Body	4.0
CHIN2020	Second Year Chinese II	3.0	HLTH1060	Comprehensive Medical Terminology	3.0
CRIM1010	Introduction to Criminal Justice	3.0			

Programs in the ARTS & SCIENCES-Related Category

Programs in the ARTS & SCIENCES-Related Category

HLTH1070	Pathophysiology through the Lifespan	4.0	PHED1800	Physical Education in Elementary School	3.0
HMRS1102	Counseling Theories & Techniques	3.0	PHED2010, 2020	Officiating Sports	2.0/each
HMRS1105	Critical Thinking in HMRS	3.0	PHIL1010	Introduction to Philosophy	3.0
HMRS1320	Multicultural Competency	3.0	PHIL1060	Applied Ethics	3.0
HMRS1403	Assess., Case Planning/Mgmt & Prof. Ethics for A&D	3.0	PHIL1100	Introduction to Logic and Critical Thinking	3.0
HMRS1404	Introduction to Social Work	3.0	PHIL2110	Introduction to Modern Logic	3.0
HJMS1100	Introduction to the Humanities	3.0	PHIL2130	Bioethics	3.0
HJMS1200	Contemporary Arts & Ideas	3.0	PHIL2250	Environmental Ethics	3.0
JOUR1810	Introduction to Mass Media	3.0	PHIL/		
JOUR1820	Media Writing	3.0	RELS2610	Comparative Religions	3.0
JOUR1840	Advanced Media Writing	3.0	PHIL2650	Philosophy of Religion	3.0
JOUR1850	Citizen Journalism and New Media	3.0	PHOT1750	Beginning Photography	3.0
JOUR1860	Sports Journalism	3.0	PHOT1760	Digital Photography & Creative Imaging	3.0
JOUR2750	Photojournalism	3.0	PHOT1850	Citizen Journalism and Social Media	3.0
JOUR2780	Public Relations	3.0	PHOT2750	Photojournalism	3.0
MATH1150	College Algebra	3.0	PHYS1030	Astronomy	4.0
MATH1200	Trigonometry	3.0	PHYS1100	Physical Science	4.0
MATH1300	Pre-calculus	5.0	PHYS1130	Selected Topics in Astronomy	3.0
MATH1400	Applied Calculus	3.0	PHYS1150	Descriptive Physics	4.0
MATH1600	Analytic Geometry & Calculus I	5.0	PHYS1410	Elementary General Physics I	5.0
MATH1700	Calculus & Analytic Geometry II	5.0	PHYS1420	Elementary General Physics II	5.0
MATH2030	Contemporary Mathematics	3.0	PHYS2110	General Physics I	5.0
MATH2080	Calculus & Analytic Geometry III	4	PHYS2120	General Physics II	5.0
MATH/			POLS1000	American Government	3.0
BSAD2170	Applied Statistics	3.0	POLS1040	Comparative Politics	3.0
MATH2200	Differential Equations	3.0	POLS1080	Introduction to Political Science	3.0
MEDA1101	Basic Medical Terminology	1.5	POLS1600	International Relations	3.0
MUSC1010	Introduction to Music (Music Appreciation)	3.0	POLS2020	Introduction to State & Local Government	3.0
MUSC1015, 1020, 2010, 2020, 2030, 2040	Individual Instruction in Voice	1.0/each	POLS2300	Political Parties	3.0
MUSC1261/1271	Guitar I & II	1.0/each	POLS2750	Political Communication	3.0
MUSC1410, 1420, 2390, 2400, 2410, 2420	College Choir	1.0/each	POLS2900	Internship	3.0
MUSC1430, 1440, 2430, 2440	Vocal Ensemble: After the Storm	1.0/each	PSYC1250	Interpersonal Relations	3.0
MUSC1610	Music Theory I	4	PSYC1810	Introduction to Psychology	3.0
MUSC1611	Music Theory Module I	2.0	PSYC2710	Positive Psychology	3.0
MUSC1612	Music Theory Module II	2.0	PSYC2730	Brain & Behavior	3.0
MUSC1620	Music Theory II	4	PSYC2870	Psychology of the Personality	3.0
MUSC1630	Music Theory III	4	PSYC2880	Social Psychology	3.0
MUSC1640	Music Theory IV	4	PSYC2900	Adolescent Psychology	3.0
MUSC2520/2530/2540/2550/2580/2590	Individual Instruction in Piano	1.0/each	PSYC2960	Lifespan Human Development	3.0
MUSC2521/2531/2541/2551/2581/2591	Individual Instruction in Guitar	1.0/each	PSYC2970	Introduction to Psychological Research	3.0
MUSC2750	Introduction to American Music	3.0	PSYC2980	Abnormal Psychology	3.0
MUSC2800	Introduction to World Music	3.0	SIGN1010	Beginning American Sign Language I	4.0
MUSC2870	History of Rock Music	3.0	SIGN1020	Beginning American Sign Language II	4.0
OFFT1310	Office Accounting	3.0	SIGN2010	Second Year Sign Language I	4.0
OFFT2120	Business Communication Strategies	3.0	SIGN2020	Second Year Sign Language II	4.0
PHED1000	Lifetime Wellness	3.0	SOC1010	Introduction to Sociology	3.0
PHED1015	Introduction to Health	3.0	SOC1020	Diversity in Society	3.0
PHED1030/2030/2035/2040	Physical Fitness Activities	1.0/each	SOC12000	Women in Contemporary Society	3.0
PHED1060	Fitness Throughout Life	2.0	SOC12010	Social Problems	3.0
PHED1300/2300, 1310/2310,	Intercollegiate Golf	1.0/each	SOC12150	Issues of Unity & Diversity	3.0
PHED1305/2305, 1315/2315	Cross Country (Men)	1.0/each	SOC12250	Marriage & the Family	3.0
PHED1320/2320, 1330/2330,	Intercollegiate Basketball (Men)	1.0/each	SOC12260	Parenting	3.0
PHED1325/2325, 1335/2335	Cross Country (Women)	1.0/each	SPAN1010	Beginning Spanish I	5.0
PHED1340/2340, 1350/2350,	Intercollegiate Basketball (Women)	1.0/each	SPAN1020	Beginning Spanish II	5.0
PHED1360/2360, 1370/2370,	Intercollegiate Volleyball	1.0/each	SPAN2010	Second Year Spanish I	3.0
PHED1380/2380, 1390/2390,	Intercollegiate Baseball	1.0/each	SPAN2020	Second Year Spanish II	3.0
PHED1385/2385, 1395/2395,	Intercollegiate Softball	1.0/each	SPAN2030	Intensive Conversation	3.0
PHED1600	Introduction to Recreation	3.0	SPAN2040	Intensive Writing	3.0
PHED1610	Standard First Aid	3.0	SPAN2100	Accelerated Second-Year Spanish	6.0
PHED1750	Introduction to Physical Education	3.0	SPCH1090	Fundamentals of Human Communication	3.0
			SPCH1110	Public Speaking	3.0
			SPCH2050	Oral Performance of Literature	3.0
			SPCH2100	Communicating in Groups and Teams	3.0
			SPCH2110	Intercultural Communication	3.0
			SPCH2750	Political Communication	3.0
			SPCH2810	Business & Professional Communication	3.0
			THEA1010	Introduction to Theatre	3.0
			THEA1140	Basic Acting	3.0
			THEA1850, 1860	Theatre Production	2.0
			THEA1851, 1861	Theatre Practicum	1.0-3.0
			THEA2130	Film Appreciation	3.0