

# Transfer/Degrees and Programs

## TRANSFER PROGRAMS

### FOUR-YEAR COLLEGE OR UNIVERSITY TRANSFER CURRICULA

Transfer programs are offered to students planning to continue at a senior institution and earn the baccalaureate degree. Any student who expects to transfer to a senior college from Northeastern Junior College is advised to write to the registrar of the proposed college(s) or university(s) for specific information concerning course work to be taken while attending NJC. Students who desire to pursue academic programs other than those listed should consult a counselor or faculty advisor for assistance in planning an appropriate program of study. Final responsibility for choice of program and individual course selections, however, rests with the student.

Acceptance, number of transferable credits, and class standing are always at the discretion of the institution to which the student plans to transfer. Private and public four-year colleges and universities, as well as out-of-state institutions, reserve the right to handle each case individually and to evaluate all course work completed as it relates to their requirements.

The college reserves the right to substitute courses for those no longer offered, to modify course content at any time, to approve the substitution of one course for another in any program or degree, or to waive any course prerequisite or corequisite.

### STATEWIDE TRANSFER POLICY

- Transfer of Associate of Arts and Associate of Science Degrees. Effective for students who enter in the Fall 2003 semester, Colorado public four-year higher education institutions will honor the transfer of an Associate of Arts (AA) degree and the Associate of Science (AS) degree earned at a Colorado community college. A student who earns an AA or AS degree at a Colorado public community college, including completing the state guaranteed general education courses, with a grade of C or better in all courses will transfer with junior standing into any arts and science degree program offered by a Colorado public four-year college. The credits earned in the associate degree program will apply at minimum to 35 credit hours of lower division general education and 25 credit hours additional graduation credits.

Since 1988, Colorado has had an operating two-plus-two transfer agreement that ensures a student who completes an AA or AS degree with a C or better in all courses will have junior standing, that is transfer 60 credit hours.



*Colorado's First iPad College*

Because all liberal arts and sciences degrees are designed to be completed in 120 credit hours, a transfer student can complete a four-year degree in the same time as a native student, 120 hours. The receiving institution will evaluate credit for prior learning, Advanced Placement, and correspondence courses following its standard policy.

- **Transfer of General Education**  
Colorado's state guaranteed general education courses are designed to allow students to begin their general education courses at one Colorado public higher education institution and later transfer to another without loss of general education credits. Colorado policy ensures that students who successfully complete a state guarantee general education course will receive transfer credits applied to graduation requirements in all majors at all public institutions unless a specific statewide articulation agreement exists.

The state's guaranteed general education curriculum is organized into five categories: communication, mathematics, fine arts and humanities, social and behavioral sciences, and physical and life sciences. To complete the Colorado state guaranteed general education core, students are required to take 35 to 37 semester credit hours and earn a C grade or better in each course. The guarantee is limited to the number of semester credit hours in each general education category.

- All state guaranteed general education courses in communication, mathematics, arts and humanities, social and behavior science, and physical and life science shall be identified by a state-assigned common number.

When evaluating a transfer student's transcript, each Colorado public higher education institution will apply state guarantee general education credits to its general education graduation requirements. Institutions may require additional general education graduation requirements beyond the 35 semester credit hours of state guaranteed general education credits. If an institution requires less than 35 general education credits the institution will accept in transfer the full 35 credits and apply these credits toward a student's graduation requirements.

- **Statewide Articulation Agreements**  
An Articulation Agreement is a statewide agreement among all Colorado community colleges and all four-year public institutions who offer a particular degree program. It is most commonly used for undergraduate professional programs that have specific course requirements established by accrediting or external licensure boards.
- **Transfer Guides**  
Each institution is responsible for implementing a Transfer Guide for each CCHE-approved baccalaureate degree program unless a statewide articulation agreement is in place. The Transfer Guide shall be designed so that a student can complete a baccalaureate program in no more than 120 credit hours unless there are additional graduation requirements recognized by the Commission. The transfer guide defines the 25 credit hours required beyond the state guaranteed general education credits and may include required courses in the major or

prerequisite courses for admission into the degree program. The transfer guides are to be on file with CCHE.

## PROGRAMS OF EMPHASIS FOR UNIVERSITY TRANSFER

Northeastern Junior College offers a variety of junior college courses necessary to prepare students for successful transfer. Programs of emphasis include the following areas:

## DEGREES

### Associate of Arts (A.A.) or Associate of Science (A.S.) University Transfer Programs

Agriculture Business - *Degree with Designation*  
 Agricultural Education - *Degree with Designation*  
 Animal Science - *Degree with Designation*  
 Anthropology - *Degree with Designation*  
 Art  
 Art History - *Degree with Designation*  
 Astronomy  
 Biology - *Degree with Designation*  
 Biotechnology  
 Business - *Degree with Designation*  
 Chemistry - *Degree with Designation*  
 Communication - *Degree with Designation*  
 Criminal Justice - *Degree with Designation*  
 Early Childhood Education - *Statewide Transfer Agreement*  
 Economics - *Degree with Designation*  
 Elementary Education - *Statewide Articulation Agreement*  
 Engineering - *Statewide Transfer Agreement*  
 English - *Degree with Designation*  
 General Science  
 Geography - *Degree with Designation*  
 Geology - *Degree with Designation*  
 History - *Degree with Designation*  
 Horticulture Business Management - *Degree with Designation*  
 Journalism/Advertising  
 Liberal Arts  
 Mathematics - *Degree with Designation*  
 Microbiology  
 Music - *Degree with Designation*  
 Philosophy - *Degree with Designation*  
 Physical Education Teaching/Coaching  
 Physics - *Degree with Designation*  
 Political Science - *Degree with Designation*  
 Pre-Professional  
 Pre-Chiropractic  
 Pre-Dental Hygiene  
 Pre-Dentistry  
 Pre-Forestry  
 Pre-Law  
 Pre-Medical Technology  
 Pre-Medicine  
 Pre-Mortuary Science  
 Pre-Nursing  
 Pre-Occupational Therapy  
 Pre-Optometry  
 Pre-Pharmacy  
 Pre-Physical Therapy  
 Pre-Radiologic Technology

Pre-Speech Pathology  
 Pre-Surgery Technology  
 Pre-Veterinary Medicine  
 Psychology - B. A. - *Degree with Designation*  
 Psychology - B. S. - *Degree with Designation*  
 Recreation  
 Sociology - *Degree with Designation*  
 Soil and Crop Sciences - *Degree with Designation*  
 Special Education  
 Sport Management  
 Sports Medicine/Athletic Training - *Transfer Agreement Available*  
 Studio Art - *Degree with Designation*  
 Theatre - *Degree with Designation*  
 Wildlife Biology  
 Zoology

### Associate of General Studies (A. G. S.)

University Parallel/Transfer Programs

Agriculture:

Agriculture Journalism/Communications  
 Animal Science/Equine Science – Industry Concentration  
 Animal Science/Equine Science – Science Concentration  
 Range Management

General Studies  
 Science

Additional information is available from transfer students' advisors, offices of the Department Chair, or the Counseling Office concerning transfer programs and transfer to a four-year college or university.

## STATEWIDE ARTICULATION AGREEMENTS - Associate of Arts

The number of statewide articulation agreements continues to increase. These agreements between two and four-year institutions ensures the student will take appropriate and required courses and provide for a smooth transfer to the four year level. Students must complete all the courses with a "C" or better and no course substitutions are allowed.

If course work is over 10 years old it is up to the college if they want to apply it to the degree, but there is no guarantee course work that old will transfer. That would be up to the receiving institution.

### A. A. STATEWIDE ARTICULATION AGREEMENT - ANTHROPOLOGY

Anthropology is the study of humans, past and present. Students pursuing this program of study will strive to understand the complexity of human cultures and will draw and build on knowledge from the social and biological sciences as well as the humanities and physical sciences. A central concern of anthropologists is the application of knowledge to the solution of human problems.

More specific information regarding the Anthropology degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
<http://higher.ed.colorado.gov/Academics/Transfers/Agreements/>

*Statewide%20Transfer%20Articulation%20Agreement%20-%20ANTHROPOLOGY%20-%20FINAL%20Agreement,%20revised%202015-06-02.pdf*

See pages 46-48 for a list of Guaranteed Transfer courses.

### General Education Requirements

### Credits

Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	3-4	*One 3 <u>or</u> 4 credit GT MA1 course, prefer MAT 135
Arts & Humanities	6	Two GT courses from AH1, AH2, AH3, <u>or</u> AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	Two GT courses from SS1, SS2, <u>or</u> SS3
Natural & Physical Sciences	8	Two GT SC1 courses
Total	32-33	
<b>Additional Required Courses</b>	<b>Credits</b>	
	3	COM 115 <u>or</u> 125 <u>or</u> 220
	3	ANT 101
	3	ANT 107
	4	ANT 111
	3	One GT course from AH1, AH2, AH3, <u>or</u> AH4
	3	One GT course in SS2 <u>or</u> SS3
	3	One GT Anthropology course from SS3
Total	22	
<b>Electives</b>	<b>Credits</b>	
Total	5-6	
<b>TOTAL</b>	<b>60</b>	

\*Some receiving institutions require a lab attached to this course (ANT 111 - Physical Anthropology); please consult with the receiving institution.

### Required Electives (5 credits)

Consult with a NJC Advisor and select 5 credits based on the specific articulation agreement and transfer institution requirements.

\*Please consult with a NJC advisor in selecting the appropriate math course to take as some colleges require a specific math course.

**A. A. STATEWIDE ARTICULATION AGREEMENT - ART HISTORY**

Art history is the study of art throughout the ages. The purpose of this type of history is to not only understand and appreciate certain pieces of art, but also the artists that created them. An art historian studies the different types and styles of art and artists throughout history and is often in a position to help others understand art better as well. Some art historians also try to preserve and restore pieces of art that have been damaged. Performing these duties often requires artistic abilities since they will need to recreate these pieces. Generally, a degree in art history will often help you secure employment in museums or art galleries. These types of organizations will often hire art history majors to obtain pieces of art and arrange exhibits. Some other possible careers for art history majors include university professors, archivists, museum registrars, museum technicians, preservationists, and art restorers.

More specific information regarding the Art History degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
<http://highered.colorado.gov/Academics/Transfers/Agreements/ArtHistory.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education Requirements**

	Credits	
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	3-4	One 3 <u>or</u> 4 credit GT MA1 course, prefer MAT 120
Arts & Humanities	6	Two GT courses from AH1, AH2, AH3, <u>or</u> AH4, except the Art courses listed below
History	3	One GT HI1 course
Social & Behavioral Sciences	6	Two GT courses from SS1, SS2, <u>or</u> SS3
Natural & Physical Sciences	7-8	Two GT courses from SC1 <u>or</u> SC2 (one must be a SC1 course with a lab)
Total	31-32	
<b>Additional Required Courses</b>	<b>Credits</b>	
	3	ART 111
	3	ART 112
	3	ART 121
	3	ART 131
	3	ART 132
	3	ART 207
Total	18	
<b>Electives</b>	<b>Credits</b>	
Total	10-11	
<b>TOTAL</b>	<b>60</b>	

**Required Electives (10-11 credits)**

Consult with a NJC Advisor and select 10-11 credits of courses listed on the specific articulation agreement and transfer institution requirements.

**A. A. STATEWIDE ARTICULATION AGREEMENT - BUSINESS**

NJC Business Transfer program is designed for the student with future goals of obtaining a baccalaureate degree. The transfer student can obtain an Associate of Arts degree with an emphasis in Business. The degree program contains the necessary general education courses and core business courses that enables a student to fulfill the first two years of a four-year business degree.

NJC is a participating member of the Statewide Business Articulation Agreement which ensures that a student who begins an Associate of Arts degree at Northeastern Junior College can transfer 60 credits into the Bachelor of Arts or Bachelor of Science in Business degree program at a Colorado public four-year college (i.e., 60 plus 60 agreement). Schools of Business will accept 40 general education credits and 20 credits in transferable business courses from students who earned an Associate of Arts in Business. The principles, policies, and guidelines in this transfer agreement apply uniformly to all students attempting to transfer credits earned at NJC into the four-year colleges and universities. The general education and transferable business courses are course-specific and follow the same prerequisites offered at a four-year college.

More specific information regarding the Business degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
<http://highered.colorado.gov/Academics/Transfers/Agreements/Statewide%20Transfer%20Articulation%20Agreement%20-%20BUSINESS%20-%20FINAL%20-%20Revised,%202014-12.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education Requirements**

	Credits	
Communication	6	ENG 121 & ENG 122
Mathematics	8	MAT 121 <u>OR</u> MAT 123 & MAT 125 <u>or</u> higher calculus course
Arts & Humanities	6	Two GT courses from AH1, AH2, AH3, <u>or</u> AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	ECO 201 & ECO 202
Natural & Physical Sciences	8	Two GT courses from SC1 <u>or</u> SC2 (one must be SC1 course with Lab)
Total	37	
<b>Additional Required Courses</b>	<b>Credits</b>	
	8	ACC 121 and 122
	3	BUS 115
	6	BUS 216 and 217
	3	BUS 226
	3	COM 115
Total	23	
<b>TOTAL</b>	<b>60</b>	

**Recommended course:**

CIS 118 Intro to PC Applications ..... 3

**A. A. STATEWIDE ARTICULATION AGREEMENT - COMMUNICATION**

The communication program at Northeastern Junior College gives students the introductory level course work required for most degrees. These courses provide students with insight into public presentation. This course work will benefit those students who wish to pursue careers in broadcasting, journalism, politics, law, public service, and education.

More specific information regarding the Communication degree with designation can be found on the Colorado Department of Higher Education website at the following link: <http://higherred.colorado.gov/Academics/Transfers/Agreements/Statewide%20Transfer%20Articulation%20Agreement%20-%20COMMUNICATION%20-%20FINAL%20Agreement;%20Revised%202014-12.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education Requirements**

	Credits	
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	3	One GT MA1 course, prefer MAT 120
Arts & Humanities	6	Two GT courses from AH1, AH2, AH3, <u>or</u> AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	COM 220 & one GT SS1, SS2, <u>or</u> SS3 course
Natural & Physical Sciences	7	Two GT courses from SC1 <u>or</u> SC2 (one must be a SC1 course with a lab)
Total	31-32	
<b>Additional Required Courses</b>	<b>Credits</b>	
	3	COM 115
	3	COM 125
	3	COM 217
	6	Two GT courses from either HI1 or SS1, SS2, or SS3
	3	One additional COM course
Total	18	
<b>Electives</b>	<b>Credits</b>	
Total	10-11	
<b>TOTAL</b>	<b>60</b>	

**Required Electives (10-11 credits)**

Consult with a NJC Advisor and select 10-11 credits from courses listed on the specific articulation agreement and transfer institution requirements.

**Please Note:** Additional COM courses beyond the 4 courses (12 credit hours) identified above in the Additional Required Courses section may not count toward the Communication major at the receiving four-year institution.

**A. A. STATEWIDE ARTICULATION AGREEMENT - CRIMINAL JUSTICE**

Criminal Justice covers a wide range of career and professional fields including law enforcement, investigations, corrections, probation/parole, and administration of justice to name a few. Career opportunities are generally available in both small rural communities to metropolitan areas and everywhere in between. This degree with designation prepares students to transfer to four-year colleges and universities provided they complete all aspects of the degree.

More specific information regarding the Criminal Justice degree with designation can be found on the Colorado Department of Higher Education website at the following link: <http://higherred.colorado.gov/Academics/Transfers/Agreements/Statewide%20Transfer%20Articulation%20Agreement%20-%20CRIMINAL%20JUSTICE%20-%20FINAL%20Agreement;%20Revised%202015-03.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education Requirements**

	Credits	
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	3-4	*One 3 <u>or</u> 4 GT MA1 course
Arts & Humanities	6	Two GT courses from two different categories: AH1, AH2, AH3 <u>or</u> AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	SOC 101 & One GTSS3 course
Natural & Physical Sciences	7-8	Two GT courses from SC1 <u>or</u> SC2 (one must be a SC1 course with a lab)
Total	31-33	
<b>Additional Required Courses</b>	<b>Credits</b>	
	3	COM 115 or COM 125
	3	CRJ 110
	3	CRJ 125
	3	CRJ 145
	6	Two of the following: CRJ 127, 135, 205, 209, 230, 231, 235, 236, 257, 268
	9	Three of the following: ANT 201, CNG 258, COM 217, COM 225, POS 111, POS 125, PSY 207, PSY 217, PSY 226, PSY 249, SOC 231
Total	27	
<b>Electives</b>	<b>Credits</b>	
Total	0-2	
<b>TOTAL</b>	<b>60</b>	

\*Please consult with a NJC advisor in selecting the appropriate math course to take as some colleges require a specific math course.

**A. A. STATEWIDE ARTICULATION AGREEMENT - EARLY CHILDHOOD TEACHER EDUCATION**

For those who want the opportunity to provide a positive influence on the lives of children and their families, early childhood is a fascinating field in which to work. In addition to the A.A.S. degree and certificate programs in early childhood specified later in this catalog, a student can earn the A.A. in preparation for transfer into a four-year program.

More specific information regarding the Early Childhood Teacher Education statewide transfer articulation agreement can be found on the Colorado Department of Higher Education website at the following link:

<http://higherred.colorado.gov/Academics/Transfers/Agreements/STAA%20-%20ECE%20-%20Current%20MASTER%20Agmt%20-%202015-06-02.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education Requirements**

**Credits**

Communication	6	ENG 121 & ENG 122
Mathematics	4	MAT 120
Arts & Humanities	6	ART 110 or MUS 120 or THE 105 and LIT 115 or LIT 255
History	3	HIS 121 or HIS 122
Social & Behavioral Sciences	6	GEO 105 & PSY 101
Natural & Physical Sciences	8	SCI 155 & 156 - Must successfully pass both classes to satisfy the requirement.
<b>Total</b>	<b>33</b>	
<b>Additional Required Courses</b>	<b>Credits</b>	
	3	ECE 101
	3	ECE 102
	3	ECE 103
	3	ECE 220
	3	ECE 238
	3	ECE 256
<b>Total</b>	<b>18</b>	
<b>Electives</b>	<b>Credits</b>	
<b>Total</b>	<b>9</b>	
<b>TOTAL</b>	<b>60</b>	

**Required Electives (9 credits)**

Consult with a NJC Advisor and select 9 credits based on the specific articulation agreement and transfer institution requirements. **Please consult the web page listed at the top of this section to see which each receiving four-year institution will accept for electives.**

For information on coursework needed for Preschool/Childcare Director see page 86.

**A. A. STATEWIDE ARTICULATION AGREEMENT - ECONOMICS**

The study of Economics prepares students for a variety of professions that emphasize the use of economics. Students who ultimately earn a bachelor's degree in Economics would most likely go on to obtain a graduate degree.

More specific information regarding the Economics degree with designation can be found on the Colorado Department of Higher Education website at the following link:

<http://higherred.colorado.gov/Academics/Transfers/Agreements/ECONOMICS%20-%20Agreement,%202014-05.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education Requirements**

**Credits**

Communication	6	ENG 121 & ENG 122
Mathematics	5	MAT 201
Arts & Humanities	9	Three GT courses from AH1, AH2, AH3, <u>or</u> AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	ECO 201 & ECO 202
Natural & Physical Sciences	8	Two GT courses from SC1 <u>or</u> SC2 (One must be a SC1 course with a Lab)
<b>Total</b>	<b>37</b>	
<b>Additional Required Courses</b>	<b>Credits</b>	
	3	MAT 135
<b>Total</b>	<b>3</b>	
<b>Electives</b>	<b>Credits</b>	
<b>Total</b>	<b>20</b>	
<b>TOTAL</b>	<b>60</b>	

**Required Electives (20 credits)**

Consult with a NJC Advisor and select 20 credits based on the specific articulation agreement and transfer institution requirements.



**A. A. STATEWIDE ARTICULATION AGREEMENT -  
ELEMENTARY TEACHER EDUCATION**

The elementary education program has specific general education and program requirements that prepare a student to transfer successfully to a four-year university's elementary education licensure program.

More specific information regarding the Elementary Teacher Education statewide transfer articulation agreement can be found on the Colorado Department of Higher Education website at the following link:  
<http://highered.colorado.gov/Academics/Transfers/Agreements/STAA%20-%20ELED%20-%20Master%20Agmt%20-%202015-06-02.pdf>  
See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education  
Requirements**

	Credits	
Communication	6	ENG 121 (B or better required by some receiving institutions.) & ENG 122
Mathematics	6	MAT 155 & 156
Arts & Humanities	3	One of the following: LIT 115, LIT 201, LIT 202, LIT 211, <u>or</u> LIT 221
History	3	HIS 121
Social & Behavioral Sciences	6	GEO 105 & POS 111
Natural & Physical Sciences	8	SCI 155 & 156 - Must successfully pass both classes to satisfy the requirement.
Total	32	
<b>Additional Required Courses</b>	<b>Credits</b>	
	3	COM 115
	3	EDU 221
	3	PSY 238
Total	9	
<b>Electives</b>	<b>Credits</b>	
Total	19	
<b>TOTAL</b>	<b>60</b>	

**Required Electives (19 credits)**

Consult with a NJC Advisor and select 19 credits based on the specific articulation agreement and transfer institution requirements. **Please consult the web page listed at the top of this section to see which each receiving four-year institution will accept for electives.**

**A. A. STATEWIDE ARTICULATION AGREEMENT -  
ENGLISH**

The study of English prepares students for a variety of professions that emphasize the use of language. Students who ultimately earn a bachelor's degree in English would be prepared to enter graduate studies in law, communications, media, and business.

More specific information regarding the English degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
<http://highered.colorado.gov/Academics/Transfers/Agreements/English.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education  
Requirements**

	Credits	
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & ENG 201
Mathematics	3-4	One 3 or 4 credit GT MA1 course, prefer MAT 120
Arts & Humanities	9	Three GT courses from AH1, AH2, AH3, <u>or</u> AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	Two GT courses from SS1, SS2, <u>or</u> SS3
Natural & Physical Sciences	7	Two GT courses from SC1 <u>or</u> SC2 (one must be a SC1 course with a lab)
Total	34-35	
<b>Additional Required Courses</b>	<b>Credits</b>	
	3	COM 115 <u>or</u> 125 <u>or</u> 225
	15	Five GT Arts & Humanities Literature (LIT) courses from AH2. Note: Students are required to take a total of 5 LIT courses (15 credits), 4 of which must be at the 200-level.
Total	18	
<b>Electives</b>	<b>Credits</b>	
Total	8	ENG 221 recommended
<b>TOTAL</b>	<b>60-61</b>	

**Required Electives (8 credits)**

Consult with a NJC Advisor and select 8 credits based on the specific articulation agreement and transfer institution requirements.

**A. A. STATEWIDE ARTICULATION AGREEMENT - GEOGRAPHY**

Geography is the science which seeks to understand the Earth in all its natural complexities, not just where objects are, but how they have changed and come to be. It is the bridge between human and physical science.

More specific information regarding the Geography degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
<http://highered.colorado.gov/Academics/Transfers/Agreements/Statewide%20Transfer%20Articulation%20Agreement%20-%20GEOGRAPHY%20-%20Final%20Agreement%20-%202014-09-04%20-%20for%20posting.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education Requirements**

	Credits	
Communication	6	ENG 121 & ENG 122 OR ENG 122 & a GT CO-3 course
Mathematics	3-4	*One 3 or 4 credit GT MA1 course, prefer MAT 135
Arts & Humanities	6	Two GT courses from AH1, AH2, or AH3
History	3	One GT HI1 course
Social & Behavioral Sciences	6	Two GT courses from SS1, or SS3
Natural & Physical Sciences	8	Two GT courses from SC1 or SC2. Note: <u>No</u> GEO prefix science courses; GEY 111 <u>not</u> recommended.
<b>Total</b>	<b>32-33</b>	
<b>Additional Required Courses</b>	<b>Credits</b>	
	3	GEO 105
	3	GEO 106
	4	GEO 111
	4	GEO 112
<b>Total</b>	<b>14</b>	
<b>Electives**</b>	<b>Credits</b>	
<b>Total</b>	<b>13-14</b>	
<b>TOTAL</b>	<b>60</b>	

**Required Electives (13-14 credits)**

Consult with a NJC Advisor and select 13-14 credits based on the specific articulation agreement and transfer institution requirements.

\*Please consult with a NJC advisor in selecting the appropriate math course to take as some colleges require a specific math course.

\*\* (Maximum of 6 (six) credits may be in GEO or GIS prefix.

**A. A. STATEWIDE ARTICULATION AGREEMENT - HISTORY**

The History program at NJC provides students with cultural histories from Western and non-Western civilizations, Paleolithic era through modern times. Such experience provides students with a wealth of information that promises to enrich their personal and educational lives.

More specific information regarding the History degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
<http://highered.colorado.gov/Academics/Transfers/Agreements/Statewide%20Transfer%20Articulation%20Agreement%20-%20HISTORY%20-%20Final%20-%20Revised,%202015-05.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education Requirements**

	Credits	
Communication	6	ENG 121 & ENG 122 OR ENG 122 & a GT CO-3 course
Mathematics	3-4	One GT MA1 course, prefer MAT 120
Arts & Humanities	9	Three GT courses from AH1, AH2, AH3, or AH4
History	3	HIS 101 or HIS 111
Social & Behavioral Sciences	6	Two GT courses from SS1, SS2, or SS3
Natural & Physical Sciences	7	Two GT courses from SC1 or SC2 (one must be a SC1 course with a lab)
<b>Total</b>	<b>34-35</b>	
<b>Additional Required Courses</b>	<b>Credits</b>	
	3	COM 115 or 125
	3	HIS 102 or HIS 112
	3	HIS 121
	3	HIS 122
	3	One additional History course from GT HI1
<b>Total</b>	<b>15</b>	
<b>Electives</b>	<b>Credits</b>	
<b>Total</b>	<b>10-11</b>	
<b>TOTAL</b>	<b>60</b>	

**Required Electives (10-11 credits)**

Consult with a NJC Advisor and select 10-11 credits based on the specific articulation agreement and transfer institution requirements.



### A. A. STATEWIDE ARTICULATION AGREEMENT - MUSIC

NJC offers several courses for students who are interested in the study of music. In addition to courses in music theory, music appreciation, and computer music, students may elect to pursue individualized music instruction or to participate in NJC's musical groups.

More specific information regarding the Music degree with designation can be found on the Colorado Department of Higher Education website at the following link:

<http://highered.colorado.gov/Academics/Transfers/Agreements/music.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

#### General Education Requirements

	Credits	
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	3	One GT MA1 course
Arts & Humanities	6	MUS 121 & 122
History	3	One GT HI1 course
Social & Behavioral Sciences	6	Two GT courses from SS1, SS2, <u>or</u> SS3, prefer PSY 101
Natural & Physical Sciences	7	Two GT courses from SC1 <u>or</u> SC2 (one must be a SC1 course with a lab)
Total	31	
<b>Additional Required Courses</b>	<b>Credits</b>	
	3	MUS 110
	3	MUS 111
	2	MUS 112 & 113
	2	MUS 131
	2	MUS 141 & 142
	2	MUS 151 & 152
	3	MUS 210
	3	MUS 211
	2	MUS 212 & 213
	2	MUS 241 & 242
	2	MUS 251 & 252
Total	26	
<b>Electives</b>	<b>Credits</b>	
Total	3	Any MUSIC elective
<b>TOTAL</b>	<b>60</b>	

### A. A. STATEWIDE ARTICULATION AGREEMENT - PHILOSOPHY

The philosophy courses at NJC are designed to help prepare students for almost any profession in society today. The primary emphasis in philosophy is critical thinking; therefore, these courses provide good preparation for students interested in criminal justice, law, education, and social work.

More specific information regarding the Philosophy degree with designation can be found on the Colorado Department of Higher Education website at the following link:

<http://highered.colorado.gov/Academics/Transfers/Agreements/Statewide%20Transfer%20Articulation%20Agreement%20-%20PHILOSOPHY%20-%20FINAL%20Agreement%20-%202014-09-04%20-%20for%20posting.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

#### General Education Requirements

	Credits	
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	3	One GT MA1 course
Arts & Humanities	6	Two GT courses from AH1, AH2, <u>or</u> AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	Two GT courses from SS1, SS2, <u>or</u> SS3
Natural & Physical Sciences	7	Two GT courses from SC1 <u>or</u> SC2 (one must be a SC1 course with a lab)
Total	31-32	
<b>Additional Required Courses</b>	<b>Credits</b>	
	3	PHI 111
	3	PHI 112
	3	PHI 113
	6	Two of the following: PHI 214, 218, 220
Total	15	
<b>Electives</b>	<b>Credits</b>	
Total	13-14	
<b>TOTAL</b>	<b>60</b>	

#### Required Electives (13-14 credits)

Consult with a NJC Advisor and select 13-14 credits from courses listed on the specific articulation agreement and transfer institution requirements.

**A. A. STATEWIDE ARTICULATION AGREEMENT -  
POLITICAL SCIENCE**

Students who pursue a degree in political science study governments, public policies and political processes, systems, and political behavior. Political science subfields include political theory, political philosophy, political ideology, political economy, policy studies and analysis, comparative politics, international relations, and a host of related fields.

More specific information regarding the Political Science degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
<http://higher.ed.colorado.gov/Academics/Transfers/Agreements/POLITICAL%20SCIENCE%20-%202014-06.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

General Education Requirements		Credits
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	3	One GT MA1 course, prefer MAT 135
Arts & Humanities	6	Two GT courses from AH1, AH2, AH3, <u>or</u> AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	ECO 201 and 202
Natural & Physical Sciences	8	Two GT courses from SC1 <u>or</u> SC2
Total	32	
Additional Required Courses		Credits
	3	POS 105
	3	POS 111
	3	POS 205
	3	POS 225
Total	12	
Electives		Credits
Total	16	
<b>TOTAL</b>	<b>60</b>	

**Required Electives (16 credits)**

Consult with a NJC Advisor and select 16 credits based on the specific articulation agreement and transfer institution requirements.

**A. A. STATEWIDE ARTICULATION AGREEMENT -  
PSYCHOLOGY**

The Psychology program offers students the opportunity to take a very comprehensive selection of courses. This program would prepare transfer students to pursue bachelor's degree in psychology, human services, counseling, social work, and other areas in the behavioral sciences. Students are encouraged to have a strong mathematics and statistics background and to take courses in the natural sciences (e.g. biology and chemistry) as well.

More specific information regarding the Psychology degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
<http://higher.ed.colorado.gov/Academics/Transfers/Agreements/PSYCHOLOGY-BA%20-2014-06.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

General Education Requirements		Credits
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	3-4	*One 3 <u>or</u> 4 credit GT MA1 course , prefer MAT 135
Arts & Humanities	9	Three GT courses from AH1, AH2, AH3, <u>or</u> AH4 <b>No more than two from any one category.</b>
History	3	One GT HI1 course
Social & Behavioral Sciences	6	Two GT courses from SS1, SS2, <u>or</u> SS3
Natural & Physical Sciences	7-8	One GT Biology course from SC1 (must be a SC1 course with a lab) One GT SC1 course of the student's choosing
Total	34-36	
Additional Required Courses		Credits
	3	COM 115 <u>or</u> 125
	3	PSY 101
	3	PSY 102
	9	Three GT Psychology courses from SS3
Total	18	
Electives		Credits
Total	6-8	
<b>TOTAL</b>	<b>60</b>	

**Required Electives (6-7 credits)**

Consult with a NJC Advisor and select 6-7 credits based on the specific articulation agreement and transfer institution requirements.

\*Please consult with a NJC advisor in selecting the appropriate math course to take as some colleges require a specific math course.

**A. A. STATEWIDE ARTICULATION AGREEMENT -  
SOCIOLOGY**

Sociology is the scientific study of society, including patterns of social relationships, social interaction, and culture. Sociologists study all things human, from the interactions between two people to the complex relationships between nations or multinational corporations. Students who study sociology learn to better understand themselves since sociology examines how the social world influences the way we think, feel, and act. Becoming aware of the social processes that influence the way humans think, feel, and behave enables individuals to shape the social forces they face.

More specific information regarding the Sociology degree with designation can be found on the Colorado Department of Higher Education website at the following link:

<http://highered.colorado.gov/Academics/Transfers/Agreements/SOCIOLOGY%20-%20Final%20-%202014-06.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

General Education Requirements	Credits	
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	3-4	*One 3 <u>or</u> 4 credit GT MA1 course, prefer MAT 135
Arts & Humanities	9	Three GT courses from AH1, AH2, AH3, <u>or</u> AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	Two GT courses from SS1, SS2, <u>or</u> SS3
Natural & Physical Sciences	8	Two GT courses from SC1
Total	34-36	
Additional Required Courses	Credits	
	3	COM 115 <u>or</u> 125
	3	SOC 101
	3	SOC 102
	9	Three GT Sociology courses from SS3
Total	18	
Electives	Credits	
Total	6-7	
<b>TOTAL</b>	<b>60</b>	

**Required Electives (6-7 credits)**

Consult with a NJC Advisor and select 6-7 credits based on the specific articulation agreement and transfer institution requirements.

\*Please consult with a NJC advisor in selecting the appropriate math course to take as some colleges require a specific math course.

**A. A. STATEWIDE ARTICULATION AGREEMENT -  
STUDIO ART**

A degree in Studio Art helps you hone and express your creativity while providing you with knowledge of a variety of artistic techniques. Your ability to transform sketches, data, and verbal instructions into works of art makes you stand out to employers who need creative thinkers. Other skills you offer to potential employers include strong critical thinking skills, graphic design and marketing skills, the ability to adapt techniques, tools, and materials to different creative processes, budgets, and final uses. Experience designing products to meet the needs and tastes of diverse clients and audiences and demonstrate the use of texture, contrast, and color combinations for visual impact. Here is a brief list of some popular careers Studio Art majors have found success in: conservator, fine artist (painter, sculptor, and illustrator), multimedia artist/ animator, and scientific artist.

More specific information regarding the Studio Art degree with designation can be found on the Colorado Department of Higher Education website at the following link:

<http://highered.colorado.gov/Academics/Transfers/Agreements/StudioArt.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

General Education Requirements	Credits	
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	3-4	One GT MA1 course, prefer MAT 120
Arts & Humanities	6	Two GT courses from AH2, AH3, <u>or</u> AH4 (No AH1 courses)
History	3	One GT HI1 course
Social & Behavioral Sciences	6	Two GT courses from SS1, SS2, <u>or</u> SS3
Natural & Physical Sciences	7	Two GT courses from SC1 <u>or</u> SC2 (one must be a SC1 course with a lab)
Total	31	
Additional Required Courses	Credits	
	6	ART 111 & ART 112
	3	ART 121
	6	ART 131 & ART 132
	3	ART 128 <u>or</u> 221
	3	Any three-credit Studio Art course
Total	21	
Electives	Credits	
Total	8	
<b>TOTAL</b>	<b>60</b>	

**Required Electives (7-8 credits)**

Consult with a NJC Advisor and select 7-8 credits based on the specific articulation agreement and transfer institution requirements.

**A. A. STATEWIDE ARTICULATION AGREEMENT - THEATER**

The NJC theatre program is designed to give students a firm foundation in the basics of the theatrical craft. Whether a student plans on a career in theatre or film, or just wants to expand his or her love of the art form, the program provides the tools to move forward in this very competitive world. The work done at NJC enables students to transfer to four-year institutions secure in the knowledge that they are grounded in the basics of the theatre world, enabling them to compete in the theatrical world at major universities. Coursework combines theoretical work and practical on-stage experience. NJC theatre productions are open to all students regardless of major.

More specific information regarding the Theater degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
<http://highered.colorado.gov/Academics/Transfers/Agreements/theater.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education Requirements**

**Credits**

Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	3	One GT MA1 course, prefer MAT 120
Arts & Humanities	6	THE 105 & 211
History	3	One GT HI1 course
Social & Behavioral Sciences	6	Two GT courses from SS1, SS2, <u>or</u> SS3
Natural & Physical Sciences	7	Two GT courses from SC1 <u>or</u> SC2 (one must be a SC1 course with a lab)
Total	31-32	
<b>Additional Required Courses</b>	<b>Credits</b>	
	3	THE 108
	3	THE 111
	3	THE 116
	3	THE 212
	3	THE 215
	3	One of the following: THE 131, 132, 231, 232
Total	18	
<b>Electives</b>	<b>Credits</b>	
Total	10-11	
<b>TOTAL</b>	<b>60</b>	

**Required Electives (10-11 credits)**

Consult with a NJC Advisor and select 10-11 credits based on the specific articulation agreement and transfer institution requirements.

**ASSOCIATE OF ARTS DEGREE (A.A.) (60 CREDITS) - GENERAL**

The Associate of Arts (A.A.) degree is awarded to a student who successfully completes a program designed to transfer to a four-year college or university for the purpose of earning a baccalaureate degree. The student who is pursuing a particular major at a four-year institution may wish to select a particular area of emphasis described in this catalog. Students pursuing a program of study that has a Statewide Articulation Agreement must meet those requirements. These begin on page 50.

**GRADUATION REQUIREMENTS AND POLICIES**

1. Complete a minimum of 60 semester credits of approved coursework as outlined in the college catalog. Thirty seven (37) semester credits comprise the general education requirement depending on which mathematics course is completed. The degree requires an additional 23 credits selected from the list of approved electives. Students should select their elective courses in consultation with their academic advisor based on the student's declared program of study and educational goal.
2. Earn a minimum cumulative grade point average of 2.0 (a "C" average).
3. Earn 15 semester credits of coursework prior to graduation through Northeastern Junior College.
4. File an Application for Graduation in the Records Office.
5. Resolve all financial obligations to the college and return all library and college materials.

All students earning an Associate of Arts degree must complete 37 semester credits of the following general education requirements.

**General Education Requirements**

Courses that fulfill the General Education requirements are listed on pages 46-48.

**Oral Communication –3 credits (CCCS requirement)**

- COM 115 Public Speaking OR ..... 3
- COM 125 Interpersonal Communication OR
- COM 220 Intercultural Communication ..... 3

**Written Communication – 6 credits**

- ENG 121 English Composition I (GT-CO1) AND ..... 3
- ENG 122 English Composition II (GT-CO2) ..... 3
- OR
- ENG 122 English Composition II (GT-CO2) AND ..... 3
- One Advanced Writing Course (GT-CO3) ..... 3

**Mathematics – 3 credits minimum, MAT 120 or higher.**

- (Courses range from 3-5 credits)
- Any guaranteed transfer Math course except MAT 155/156 (GT-MA1)

**Arts & Humanities/Social & Behavioral Sciences Combined - 18 credits**

- Two guaranteed transfer Arts & Humanities courses from two different categories (AH1, AH2, AH3, or AH4)

AND

- Two guaranteed transfer Social & Behavioral Sciences courses (SS1, SS2, or SS3)

AND

- One guaranteed transfer History course (HI1)

AND

- One additional guaranteed transfer course from either

Arts & Humanities or Social & Behavioral Sciences  
(AH1, AH2, AH3, AH4, HI1, SS1, SS2, or SS3)

**Physical & Life Sciences – 7 credits minimum**

Two guaranteed transfer Physical & Life Sciences courses including at least one lab course (GT-SC1, GT-SC2).

**Electives** - 23 credits selected from the list of approved A.A./A.S. Electives on Page 48.

Elective Credits. Elective credits for Associate of Arts and Associate of Science degrees should be chosen in conjunction with the student's major and in consultation with his/her advisor. Transferability of these courses is dependent upon the transfer agreement developed with each four-year college or university. It is in the student's best interest to see an advisor before selecting electives on page 48.

**ASSOCIATE OF ARTS AREAS OF EMPHASIS**

The following emphasis areas are listed to assist students and advisors in preparing students to transfer successfully. These emphasis areas do not appear on the students transcripts or diploma.

**Art**

Art courses at Northeastern Junior College assist students in improving and developing their artistic abilities. The first year art course sequence (ART 121, 122, 131, and 132) explores methods, materials, and techniques as the foundation of artistic and creative development. The art courses offered at NJC benefit those students preparing for a career in one of many artistic fields such as fine art, commercial art, art education, graphic art, and interior design. Students anticipating a career outside of art are also encouraged to enroll in any of the NJC art courses.

Exhibits in the Peter L. Youngers Fine Arts Gallery provide students an opportunity to view original artwork as well as the possibility for students in art courses to display their artwork in the annual Student Exhibit.

**Electives:**

ART 115 Stained Glass I	3
ART 116 Stained Glass II	3
ART 121 Drawing I	3
ART 124 Watercolor I	3
ART 129 Printmaking I	3
ART 131 Visual Concepts 2-D Design	3
ART 132 Visual Concepts 3-D Design	3
ART 138 Film Photography I	3
ART 139 Digital Photography I	3
ART 151 Painting I	3
ART 161 Ceramics I	3
ART 162 Ceramics II	3
ART 165 Sculpture I	3
ART 221 Drawing II	3
ART 222 Drawing III	3
ART 223 Drawing IV	3
ART 231 Adv. Visual Concepts 2-D Design	3
ART 232 Adv. Visual Concepts 3-D Design	3
JOU 111 Principles of Advertising	3
MGD 133 Graphic Design I	3
MGD 233 Graphic Design II	3

**Coaching**

Students interested in coaching can earn credits toward the Colorado High School Activities Association registration by enrolling in the following course:

HPE 101 Introduction to Coaching	2
HWE 103 Community First Aid & CPR	1

Additional requirements are listed on [www2.chsaa.org/coaches.asp](http://www2.chsaa.org/coaches.asp)

**Physical Education (Teaching)**

The Physical Education Teaching program at Northeastern Junior College prepares students to successfully transfer to a four-year university's licensure program. Students will gain knowledge in a variety of areas including methods, drug awareness, first aid, and current health issues.

**Suggested Electives:**

HPE 100 Intro to Physical Ed & Sport	2
HPE 114 Analysis/Teaching of Ind/Dual Sports	3
HPE 124 Sports Officiating	2
BIO 201 Human Anatomy & Physiology I **	4
CIS 118 Introduction PC Applications	3
EMS 115 First Responder	3
HPR 217 Kinesiology	4
HWE 124 Fitness & Wellness	2
HWE 237 Exercise/Nutrition & Body Composition	3
** Optional	

**Pre-Law**

**Electives:**

ECO 201 Principles of Macroeconomics	3
ECO 202 Principles of Microeconomics	3
BUS 216 Legal Environment of Business	3
GEO 105 World Regional Geography	3
GEO 106 Human Geography	3
HIS 101 Western Civilization: Antiquity to 1650	3
HIS 102 Western Civilization 1650 to Present	3
HIS 121 U. S. History to Reconstruction	3
HIS 122 U.S. History Since the Civil War	3
JOU 105 Introduction to Mass Media	3
PHI 111 Introduction to Philosophy	3
PHI 112 Ethics	3
PHI 113 Logic	3
POS 105 Introduction to Political Science	3
POS 111 American Government	3

**Sport Management**

**Electives:**

ACC 121 Principles of Accounting I	3
BUS 217 Business Communication & Report Writing	4
CIS 118 Intro to PC Applications	3
HPE 200 Perspectives in PE & Sport	3
HWE 124 Fitness & Wellness	2
MAN 226 Principles of Management	3
MAR 216 Principles of Marketing	3
REC 120 Intro to Sports Management	3

**STATEWIDE ARTICULATION AGREEMENTS - Associate of Science**

The number of statewide articulation agreements continues to increase. These agreements between two and four-year institutions ensures the student will take appropriate and required courses and provide for a smooth transfer to the four- year level. Students must complete all the courses with a "C" or better and no course substitutions are allowed.

If course work is over 10 years old, it is up to the college if they want to apply it to the degree, but there is no guaranteed course work that old will transfer. That would be up to the receiving institution.

**A. S. STATEWIDE ARTICULATION AGREEMENT - AGRICULTURE BUSINESS**

A degree in Agriculture Business prepares students to transfer to Colorado State University. Agriculture Business contains coursework that prepares students to work in management, marketing, finance, and a wide variety of related careers within the agriculture industry.

More specific information regarding the Agriculture Business degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
<http://highered.colorado.gov/Academics/Transfers/Agreements/AG%20Business%20-%20FINAL-%202014-06.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education Requirements**

	Credits	
Communication	6	ENG 121 & ENG 122 OR ENG 122 & a GT CO-3 course
Mathematics	4	MAT 121 or 125 or higher calculus
Arts & Humanities	6	Two GT courses from AH1, AH2, AH3, or AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	AGE 102 & AGR 260
Natural & Physical Sciences	10	BIO 111 & CHE 101 or 111
Total	35	
<b>Additional Required Courses</b>	<b>Credits</b>	
	3	COM 115
	3	CIS 118
	3	ECO 201
	3	MAT 135
Total	12	
<b>Electives</b>	<b>Credits</b>	
Total	13	Select 13 credits from the following: AGE 205, AGE 208, AGE 210, MAT 125, ASC 100, ASC 225, ASC 230, ASC 250, ASC 288, AGY 100, AGY 240, ACC 121, or RAM 205
<b>TOTAL</b>	<b>60</b>	

**Required Electives (13 credits)**

Consult with a NJC Advisor and select 13 credits based on the specific articulation agreement and transfer institution requirements. A minimum of 6 credits MUST be from an AGE prefix.



**A. S. STATEWIDE ARTICULATION AGREEMENT -  
AGRICULTURAL EDUCATION**

Agricultural Education is a great career path for those that would like to combine their interest in agriculture and their desire to teach and help others. It is the primary path for those wishing to teach ag education in high school. Other career options are the Extension Service and sales and industry positions that involve using one's people skills.

More specific information regarding the Agricultural Education degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
<http://higher.ed.colorado.gov/Academics/Transfers/Agreements/STAA%20-%20Agricultural%20Education%20-%20FINAL%20AGMT%20-%202015-09-03%20-%20for%20posting.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

General Education Requirements	Credits	
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	4	MAT 121
Arts & Humanities	6	Two GT courses from two different categories: AH1, AH2, AH3, <u>or</u> AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	AGE 102 & AGR 260
Natural & Physical Sciences	10	BIO 111 <u>or</u> BIO 221 & CHE 101 <u>or</u> 111
<b>Total</b>	<b>35</b>	
Additional Required Courses	Credits	
	3	ASC 100
	4	AGY 100
	4	AGY 240
	2	AME 105
<b>Total</b>	<b>13</b>	
Directed Electives	6	Select two of the following courses (minimum 6 credits) ASC 250, EDU 221, HWE 100
Electives	Credits	
<b>Total</b>	<b>9</b>	Select 9 credits from the following: AGE 205, ASC 225, ASC 230, ASC 288, AME 107, AME 118, AME 125, AME 151, AME 152, <u>or</u> RAM 205
<b>TOTAL</b>	<b>63</b>	

**Required Electives (9 credits)**

Consult with a NJC Advisor and select 9 credits based on the specific articulation agreement and transfer institution requirements.

**A. S. STATEWIDE ARTICULATION AGREEMENT -  
ANIMAL SCIENCE**

The livestock sector needs well educated and trained individuals to manage production as well as processing operations. More specialized careers exist in animal care, breeding, nutrition, marketing, promotions, as well as research. A degree in Animal Science prepares students to transfer to Colorado State University.

More specific information regarding the Animal Science degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
<http://higher.ed.colorado.gov/Academics/Transfers/Agreements/AG%20Animal%20Science%20-%202014-06.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education Requirements**

	Credits	
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	4	MAT 121 <u>or</u> 125 <u>or</u> higher calculus
Arts & Humanities	6	Two GT courses from AH1, AH2, AH3, <u>or</u> AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	AGE 102 & AGR 260
Natural & Physical Sciences	10	BIO 111 & CHE 101 <u>or</u> 111
<b>Total</b>	<b>35</b>	
Additional Required Courses	Credits	
	3	ASC 100
	4	ASC 225
	3	ASC 230
	3	ASC 250
	2	ASC 288
	3	COM 115
<b>Total</b>	<b>18</b>	
Electives	Credits	
<b>Total</b>	<b>7</b>	Select 7 credits from the following: CIS 118, AGE 205, AGE 208, AGE 210, ACC 121, ECO 201, RAM 205, CHE 112, CHE 205 <u>or</u> CHE 211
<b>TOTAL</b>	<b>60</b>	

**Required Electives (7 credits)**

Consult with a NJC Advisor and select 7 credits based on the specific articulation agreement and transfer institution requirements.

**A. S. STATEWIDE ARTICULATION AGREEMENT -  
BIOLOGY**

NJC offers a comprehensive life and health sciences program. It will meet most of the entrance requirements for many of the allied health professions such as physical therapy, pharmacy, chiropractic, pre-dentistry, pre-medicine, and pre-veterinary medicine. In addition, this program is advantageous for students interested in wildlife management, forestry, or teacher licensure programs with an emphasis in biological sciences. Students will have a broad preparation and will gain the skills needed to enter some professional programs, industry, or other professions including biotechnology, agri-business, food industries, cosmetics, and sales. Students entering this program should have a strong science and mathematics background in high school.

More specific information regarding the Biology degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
<http://higherred.colorado.gov/Academics/Transfers/Agreements/biology.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

General Education Requirements	Credits	
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	5	MAT 201
Arts & Humanities	6	Two GT courses from AH1, AH2, AH3, <u>or</u> AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	Two GT courses from SS1, SS2, <u>or</u> SS3
Natural & Physical Sciences	10	BIO 111 & CHE 111
Total	36	
Additional Required Courses	Credits	
	5	BIO 112
	5	CHE 112
	5	PHY 111
	5	PHY 112
Total	20	
Electives	Credits	
Total	4	
<b>TOTAL</b>	<b>60</b>	

**Required Electives (4 credits)**

Consult with a NJC Advisor and select 4 credits based on the specific articulation agreement and transfer institution requirements.

**A. S. STATEWIDE ARTICULATION AGREEMENT -  
CHEMISTRY**

The chemistry program at NJC is intended to give students the background necessary to succeed as a chemistry major at most four-year colleges. The curriculum includes courses in chemistry, mathematics, and physics.

More specific information regarding the Chemistry degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
<http://higherred.colorado.gov/Academics/Transfers/Agreements/Chemistry.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

General Education Requirements	Credits	
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	5	MAT 201
Arts & Humanities	3	One GT courses from AH1, AH2, AH3, <u>or</u> AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	3	One GT courses from SS1, SS2, <u>or</u> SS3
Natural & Physical Sciences	10	CHE 111 & 112
Total	30	
Additional Required Courses	Credits	
	5	CHE 211
	5	CHE 212
	5	MAT 202
	4	MAT 203
	5	PHY 211
	5	PHY 212
Total	29	
Electives	Credits	
Total	1	
<b>TOTAL</b>	<b>60</b>	

**Required Electives (1 credit)**

Consult with a NJC Advisor and select 1 credit based on the specific articulation agreement and transfer institution requirements.

**Important Notes:**

1. This statewide transfer articulation agreement in Chemistry does not fulfill requirements for the GTPathways general education curriculum or the Associate of Science degree prior to transfer; however, this agreement does guarantee a student, if admitted, junior standing and completion of the baccalaureate degree within an additional 60 semester hours at the receiving institution.
2. Completion of the receiving institution's lower division general education requirements is fulfilled only under the condition that one GTPathways-approved course in arts and humanities

(AH1, AH2, AH3, or AH4) and one GTPathways-approved course in social and behavioral sciences (SS1, SS2, or SS3) are successfully completed at the receiving institution within the first 30 hours or 12 calendar months.

- Students transferring to a 4-year college/university under this Chemistry agreement are encouraged to 'reverse' transfer the one GTPathways course in arts and humanities and the one GTPathways course in social and behavioral sciences (Note #2 above) back to their community college in order to complete the GTPathways general education program and to earn their Associate of Science degree with a Chemistry designation.
- Lecture and laboratory portions of organic chemistry, CHE 211 and 212, must not be taken in an online delivery format.

### A. S. STATEWIDE ARTICULATION AGREEMENT - ENGINEERING

Each four-year institution has different transfer requirements.

Students who complete the engineering articulation agreement will have appropriate coursework to transfer on and work on their bachelor's degree. Students should research carefully the institutions they would consider transferring to and the specific requirements for the engineering field they wish to enter.

More specific information regarding the Engineering degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
<http://highered.colorado.gov/Academics/Transfers/Students.html>

Below is a sample course list that does not satisfy graduation requirements at the engineering schools. Please consult with an advisor for optimal class selection.

See pages 46-48 for a list of Guaranteed Transfer courses.

#### General Education Requirements

	Credits	
Communication	6	ENG 121 & ENG 122
Mathematics	14	MAT 201, 202, & 203
Arts & Humanities	6	Two GT courses from AH1, AH2, AH3, <u>or</u> AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	3	Two GT courses from SS1, SS2, <u>or</u> SS3
Natural & Physical Sciences	15	CHE 111, PHY 211, PHY 212
Total	47	
<b>Electives</b>	<b>Credits</b>	
Total	13	
<b>TOTAL</b>	<b>60</b>	

#### Required Electives (13 credits)

Consult with a NJC Advisor and select 13 credits based on the specific articulation agreement and transfer institution requirements.

### A. S. STATEWIDE ARTICULATION AGREEMENT - EQUINE SCIENCE

The equine science program at NJC is designed to allow students a seamless transfer to Colorado State Universities equine program. This program consists of general education, agriculture, and equine science courses. The equine industry continues to see significant growth in Colorado and throughout the western United States with many job opportunities for graduates.

More specific information regarding the Equine Science degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
[http://highered.colorado.gov/academics/transfers/Agreements/STAA\\_Equine\\_Science\\_Final.pdf](http://highered.colorado.gov/academics/transfers/Agreements/STAA_Equine_Science_Final.pdf)  
See pages 46-48 for a list of Guaranteed Transfer courses.

#### General Education Requirements

	Credits	
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	4	MAT 121 <u>or</u> MAT 125 <u>or</u> higher calculus
Arts & Humanities	6	Two GT courses from AH1, AH2, AH3, <u>or</u> AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	AGE 102 <u>or</u> ECO 202 & AGR 260
Natural & Physical Sciences	10	BIO 111 & CHE 101 <u>or</u> CHE 111
Total	35	
<b>Additional Required Courses</b>	<b>Credits</b>	
	4	ASC 102
	3	ASC 230
	3	COM 115
	3	MAT 135
Total	13	
<b>Animal/Equine Science Electives</b>	<b>Credits</b>	
	2-3	ASC 288 or ASC 250
<b>Business Electives</b>	<b>Credits</b>	
	6	Choose a minimum of 6 credits from the following: CIS 118, AGE 205, AGE 208, AGE 210, ACC 121, ECO 201
<b>Electives</b>	<b>Credits</b>	
	3-4	
<b>TOTAL</b>	<b>60</b>	

#### Required Electives (13 credits)

Consult with a NJC Advisor and select 13 credits based on the specific articulation agreement and transfer institution requirements.

**A. S. STATEWIDE ARTICULATION AGREEMENT - GEOLOGY**

The geology program at NJC is intended to give geology students the background necessary to succeed as geology majors at a four-year institution. The curriculum includes geology, chemistry, physics, and mathematics courses generally required for a Bachelor of Science degree in geology at a four-year institution.

More specific information regarding the Geology degree with designation can be found on the Colorado Department of Higher Education website at the following link:

<http://higher.ed.colorado.gov/Academics/Transfers/Agreements/GEOLOGY%20-%20FINAL%20-%202014-06.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education Requirements**

**Credits**

Communication	6	ENG 121 & ENG 122 OR ENG 122 & a GT CO-3 course
Mathematics	5	MAT 201
Arts & Humanities	6	Two GT courses from AH1, AH2, AH3, or AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	Two GT courses from SS1, SS2, or SS3
Natural & Physical Sciences	10	CHE 111 & 112
<b>Total</b>	<b>36</b>	
<b>Additional Required Courses</b>	<b>Credits</b>	
	4	GEY 111
	4	GEY 112
	5	MAT 202
	5	PHY 211
	5	PHY 212
<b>Total</b>	<b>23</b>	
<b>Electives</b>	<b>Credits</b>	
<b>Total</b>	<b>1</b>	
<b>TOTAL</b>	<b>60</b>	

**Required Electives (1 credit)**

Consult with a NJC Advisor and select 1 credit based on the specific articulation agreement and transfer institution requirements.

**A. S. STATEWIDE ARTICULATION AGREEMENT - HORTICULTURE BUSINESS MANAGEMENT**

**Please Note: At the current time NJC does not offer any of the HLT or FLD courses needed for electives for this degree. We do offer all of the general education and other required courses.**

Horticulture management programs prepare students for careers in nurseries, greenhouses, and florist shops, often as assistant managers or managers. The training includes classes in plant care, marketing and business management, and irrigation. Students typically want to go into the business of designing and developing new horticulture technologies and/or breeding new plant species. These career paths often include course work in plant physiology, plant genetics, soils, and plant nutrition.

More specific information regarding the Horticulture Business Management degree with designation can be found on the Colorado Department of Higher Education website at the following link:

<http://higher.ed.colorado.gov/Academics/Transfers/Agreements/horticulture.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education Requirements**

**Credits**

Communication	6	ENG 121 & ENG 122 OR ENG 122 & a GT CO-3 course
Mathematics	4	MAT 121
Arts & Humanities	6	Two GT courses from AH1, AH2, AH3, or AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	ECO 201, ECO 202 or AGE 102
Natural & Physical Sciences	10	BIO 112 or 221 & CHE 101 or 111
<b>Total</b>	<b>35</b>	
<b>Additional Required Courses</b>	<b>Credits</b>	
	4	HLT 240 or AGY 240
	3	BUS 226 or MAT 135
	3	CIS 118
	4	HLT 260
	4	HLT 101 or HLT 100 or AGY 100
<b>Total</b>	<b>18</b>	
<b>Electives</b>	<b>Credits</b>	
<b>Total</b>	<b>7</b>	Choose additional HLT or FLD courses except for HLT 208, 216, & 249; FLD 100 & 289
<b>TOTAL</b>	<b>60</b>	

**Required Electives (7 credits)**

Consult with a NJC Advisor and select 7 credits based on the specific articulation agreement and transfer institution requirements.

**A. S. STATEWIDE ARTICULATION AGREEMENT -  
MATHEMATICS**

Students are able to complete mathematics courses supplemented with studies in natural science and/or computer sciences at NJC. NJC coursework can provide mathematics students with a strong foundation in mathematics, physics, chemistry, computer science, composition, speech, humanities, and social sciences, enabling them to be successful in their mathematics major at their transfer institution.

More specific information regarding the Mathematics degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
<http://highered.colorado.gov/Academics/Transfers/Agreements/MATHEMATICS%20-%20Final%20-%202014-06.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

General Education Requirements	Credits	
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	5	MAT 201
Arts & Humanities	9	Three GT courses from AH1, AH2, AH3, <u>or</u> AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	Two GT courses from SS1, SS2, <u>or</u> SS3
Natural & Physical Sciences	10	PHY 211 & 212
Total	39	
Additional Required Courses	Credits	
	3	COM 115 <u>or</u> 125
	4	CSC 160
	5	MAT 202
	4-5	MAT 203 <u>or</u> 204
Total	16-17	
Electives	Credits	
Total	4-5	
<b>TOTAL</b>	<b>60</b>	

**Required Electives (4-5 credits)**

Consult with a NJC Advisor and select 4-5 credits based on the specific articulation agreement and transfer institution requirements.

**A. S. STATEWIDE ARTICULATION AGREEMENT -  
PHYSICS**

Students are able to complete the first two years of their physics or engineering program at NJC. Classes provide engineering students a strong foundation in mathematics, physics, chemistry, and computer science, enabling them to be successful in their engineering major at their transfer institution.

More specific information regarding the Physics degree with designation can be found on the Colorado Department of Higher Education website at the following link:  
<http://highered.colorado.gov/Academics/Transfers/Agreements/physics.pdf>

See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education Requirements**

General Education Requirements	Credits	
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	5	MAT 201
Arts & Humanities	9	Three GT courses from AH1, AH2, AH3, <u>or</u> AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	3	One GT course from SS1, SS2, <u>or</u> SS3
Natural & Physical Sciences	10	PHY 211 & 212
Total	36	
Additional Required Courses	Credits	
	5	CHE 111
	4-5	CHE 112 <u>or</u> CSC 160
	5	MAT 202
	4-5	MAT 203 <u>or</u> 204
	3-4	MAT 261 <u>or</u> 265 <u>or</u> 266
	3	PHY 213
Total	24-27	
Electives	Credits	
Total	0	
<b>TOTAL</b>	<b>60</b>	

**A. S. STATEWIDE ARTICULATION AGREEMENT - PSYCHOLOGY**

The Psychology program offers students the opportunity to take a very comprehensive selection of courses. This program would prepare transfer students to pursue bachelor's degree in psychology, human services, counseling, social work, and other areas in the behavioral sciences. Students are encouraged to have a strong mathematics and statistics background and to take courses in the natural sciences (e.g. biology and chemistry) as well.

See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education Requirements**

	Credits	
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	4	MAT 121
Arts & Humanities	9	PHI 111 or PHI 112, and two GT courses from at least two different categories and from AH1, AH2, AH3, or AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	Two GT courses from SS1, SS2, <u>or</u> SS3
Natural & Physical Sciences	10	BIO 111 & CHE 111
Total	38	
<b>Additional Required Courses</b>	<b>Credits</b>	
	3	COM 115 or COM 125
	3	PSY 101
	3	PSY 102
Total	9	
<b>Electives</b>	<b>Credits</b>	
	13	
<b>TOTAL</b>	<b>60</b>	

**Required Electives (13 credits)**

Consult with a NJC Advisor and select 13 credits based on the specific articulation agreement and transfer institution requirements.

**A. S. STATEWIDE ARTICULATION AGREEMENT - SOIL & CROP SCIENCES**

As stewards of the land, farmers and ranchers know the value of proper land management. A degree in Soil & Crop Sciences prepares students for careers in private and commercial food crop operations as well as feed and range systems. Students transferring to Colorado State University, the state's land-grant institution, will be well prepared upon completing this degree with designation.

Articulation Agreement transfers into Soils & Crop Sciences - Production Emphasis. For other emphasis areas see advisor for specific requirements.

See pages 46-48 for a list of Guaranteed Transfer courses.

**General Education Requirements**

	Credits	
Communication	6	ENG 121 & ENG 122 <u>OR</u> ENG 122 & a GT CO-3 course
Mathematics	4	MAT 121 or 125 or Higher Calculus
Arts & Humanities	6	PHI 113 and one GT course from AH1, AH2, AH3, or AH4
History	3	One GT HI1 course
Social & Behavioral Sciences	6	AGE 102 and AGR 260
Natural & Physical Sciences	10	BIO 111 or BIO 221 & CHE 101 or CHE 111
Total	35	
<b>Additional Required Courses</b>	<b>Credits</b>	
	4	AGY 100
	4	AGY 240
	3	COM 115
Total	11	
<b>Electives</b>	<b>Credits</b>	
	14	Select 14 credits from the following: ACC 121, AGE 205, AGE 208, AGE 210, ASC 100, ASC 225, BIO 222, CIS 118, CHE 112, CHE 205 <u>OR</u> 211, ECO 201, GEY 111, HWE 100, MAT 125, PHY 105 <u>OR</u> 111 <u>OR</u> 211, RAM 205
<b>TOTAL</b>	<b>60</b>	

**Required Electives (14 credits)**

Consult with a NJC Advisor and select 14 credits based on the specific articulation agreement and transfer institution requirements.



## ASSOCIATE OF SCIENCE DEGREE (A.S.) (60 CREDITS) - GENERAL

The Associate of Science (A.S.) degree is awarded to a student who successfully completes a program designed to transfer to a four-year college or university for the purpose of earning a baccalaureate degree. The student who is pursuing a particular major at a four-year institution may wish to select a particular area of emphasis described in this catalog. Students pursuing a program of study that has a Statewide Articulation Agreement must meet those requirements. These begin on page 59.

### GRADUATION REQUIREMENTS AND POLICIES

1. Complete a minimum of 60 semester credits of approved coursework as outlined in the college catalog. Thirty nine (39) semester credits comprise the general education requirement depending on which mathematics course is completed. The degree requires an additional 21 credits selected from the list of approved electives. Students should select their elective courses in consultation with their academic advisor based on the student's declared program of study and educational goal.
2. Earn a minimum cumulative grade point average of 2.0 (a "C" average).
3. Earn 15 semester credits of coursework prior to graduation through Northeastern Junior College.
4. File an Application for Graduation in the Records Office.
5. Resolve all financial obligations to the college and return all library and college materials.

All students earning an Associate of Science degree must complete 39 semester credits of the following general education requirements.

### General Education Requirements

Courses that fulfill the General Education requirements are listed on pages 46-48.

#### Oral Communication –3 credits (CCCS requirement)

- COM 115 Public Speaking OR
- COM 125 Interpersonal Communication OR
- COM 220 Intercultural Communication

#### Written Communication – 6 credits

- ENG 121 (GT-CO1) and ENG 122 (GT-CO2) OR
- ENG 122 (GT-CO2) and one Advanced Writing Course (GT-CO3)

#### Mathematics – 3 credits minimum. (Courses range from 3-5 credits)

- MAT 121 College Algebra (GT-MA1) OR
- MAT 122 College Trigonometry (GT-MA1) OR
- MAT 166 Pre-Calculus (GT-MA1) OR
- MAT 201 Calculus I (GT-MA1) or higher

#### Arts & Humanities - 6 credits

Two guaranteed transfer Arts & Humanities courses from two different categories:

- Arts & Expressions (GT-AH1)
- Literature & Humanities (GT-AH2)
- Ways of Thinking (GT-AH3)
- Foreign Languages (GT-AH4)

#### Social and Behavioral Science - 6 credits

Two guaranteed transfer Social & Behavioral Sciences courses from two different categories:

- History (GH-HI1)
- Economic & Political Systems (GT-SS1)

- Geography (GT-SS2)
- Human Behavior & Social Systems (GT-SS3)

#### History - 3 credits

One guaranteed transfer History course (GT-HI1)

#### Physical & Life Sciences – 12 credits minimum

One 2-lab course sequence in any guaranteed transfer science discipline (GT-SC1) and additional guaranteed transfer lab science course(s) (GT-SC1).

- Astronomy (GT-SC1)
- Biology (GT-SC1)
- Chemistry (GT-SC1)
- Geology (GT-SC1)
- Intro to Human Disease (GT-SC2)
- Physics (GT-SC1)
- Principles of ANimal Biology (GT-SC2)

**Electives** - 21 credits selected from the list of Approved A.A./A.S. Electives on Page 48.

Elective Credits. Elective credits for Associate of Arts and Associate of Science degrees should be chosen in conjunction with the student's major and in consultation with his/her advisor. Transferability of these courses is dependent upon the transfer agreement developed with each four-year college or university. It is in the student's best interest to see an advisor before selecting electives on page 48.

## ASSOCIATE OF SCIENCE AREAS OF EMPHASIS

### Astronomy

Recommended General Education Courses:

AST 101 Planetary Astronomy I .....	4
AST 102 Planetary Astronomy II .....	4
CHE 111 General College Chemistry I .....	5
MAT 121 College Algebra .....	4
PHY 211 Physics: Calculus-Based I .....	5
PHY 212 Physics: Calculus-Based II .....	5

Electives:

BIO 111 General College Biology I and .....	5
BIO 112 General College Biology II OR .....	5
CHE 111 General College Chemistry I and .....	5
CHE 112 General College Chemistry II OR .....	5
GEY 111 Physical Geology and .....	4
GEY 112 Historical Geology .....	4
MAT 122 College Trigonometry .....	3
MAT 203 Calculus III .....	4
MAT 261 Differential Equations .....	4

### Environmental Science

Recommended General Education Courses:

BIO 111 General College Biology I .....	5
BIO 112 General College Biology II .....	5
CHE 111 General College Chemistry I .....	5

Electives:

BIO 201 Human Anatomy/Physiology I .....	4
BIO 202 Human Anatomy/Physiology II .....	4
BIO 204 Microbiology .....	4
CHE 111 General College Chemistry I .....	5
(required if student did not take chemistry in high school)	
HWE 100 Human Nutrition .....	3

MAT 135 Introduction to Statistics	.....	3
PSY 235 Human Growth & Development	.....	3

**Microbiology**

Recommended General Education Courses:

BIO 111 General College Biology I	.....	5
CHE 111 General College Chemistry I	.....	5
CHE 112 General College Chemistry II	.....	5
MAT 201 Calculus I	.....	5

Electives:

BIO 208 General College Microbiology	.....	5
CHE 211 Organic Chemistry I	.....	5
CHE 212 Organic Chemistry II	.....	5

**Pre-Dentistry**

Recommended General Education Courses:

BIO 111 General College Biology I	.....	5
BIO 112 General College Biology II	.....	5
CHE 111 General College Chemistry I	.....	5
CHE 112 General College Chemistry II	.....	5
PHY 111 Physics: Algebra-Based I	.....	5
PHY 112 Physics: Algebra-Based II	.....	5

Electives:

CHE 211 Organic Chemistry I	.....	5
CHE 212 Organic Chemistry II	.....	5

**Pre-Medicine**

Recommended General Education Courses:

BIO 111 General College Biology I	.....	5
BIO 112 General College Biology II	.....	5
CHE 111 General College Chemistry I	.....	5
CHE 112 General College Chemistry II	.....	5
MAT 201 Calculus I	.....	5
PHY 111 Physics: Algebra-Based I	.....	5
PHY 112 Physics: Algebra-Based II	.....	5

Electives:

CHE 211 Organic Chemistry I	.....	5
CHE 212 Organic Chemistry II	.....	5
MAT 202 Calculus II	.....	5

(pre-med student needs at least 6 Math credits)

**Pre-Nursing**

(for transfer to the University of Colorado Anschutz Medical)

Recommended General Education Courses:

ANT 101 Cultural Anthropology	.....	3
BIO 111 General College Biology I	.....	5
ECO 202 Principles of Microeconomics	.....	3
MAT 121 College Algebra	.....	4
PHI 111 Introduction to Philosophy	.....	3
PHI 112 Ethics	.....	3
PSY 101 General Psychology I	.....	3
SOC 101 Introduction to Sociology I	.....	3

Electives:

BIO 201 Human Anatomy/Physiology I	.....	4
BIO 202 Human Anatomy/Physiology II	.....	4
BIO 204 Microbiology	.....	4
CHE 111 General College Chemistry I	.....	5

(required if student did not take chemistry in high school)

**Pre-Nursing**

(designed for transfer to the University of Northern Colorado)

Recommended General Education Courses:

ANT 101 Cultural Anthropology	.....	3
BIO 111 General College Biology I	.....	5
ECO 202 Principles of Microeconomics	.....	3
MAT 135 Introduction to Statistics	.....	3
PHI 112 Ethics	.....	3
PSY 101 General Psychology I	.....	3
SOC 101 Introduction to Sociology I	.....	3

Electives:

BIO 201 Human Anatomy/Physiology I	.....	4
BIO 202 Human Anatomy/Physiology II	.....	4
BIO 204 Microbiology	.....	4
PSY 235 Human Growth & Development	.....	3

**Pre-Pharmacy**

Recommended General Education Courses:

BIO 111 General College Biology I	.....	5
BIO 112 General College Biology II	.....	5
CHE 111 General College Chemistry I	.....	5
CHE 112 General College Chemistry II	.....	5
ECO 202 Principles of Microeconomics	.....	3
MAT 201 Calculus I	.....	5
PHY 111 Physics: Algebra-Based I	.....	5
PHY 112 Physics: Algebra-Based II	.....	5

Electives:

BIO 201 Human Anatomy/Physiology I	.....	4
BIO 202 Human Anatomy/Physiology II	.....	4
BIO 204 Microbiology	.....	4
BIO 208 General College Microbiology	.....	5
CHE 211 Organic Chemistry I	.....	5
CHE 212 Organic Chemistry II	.....	5

\*Prerequisites will vary depending on the four-year institution.

**Pre-Veterinary Medicine**

Recommended General Education Courses:

BIO 111 General College Biology I	.....	5
CHE 111 General College Chemistry I	.....	5
CHE 112 General College Chemistry II	.....	5
MAT 121 College Algebra	.....	4
PHY 111 Physics: Algebra-Based I	.....	5

Electives:

BIO 220 General Zoology	.....	5
BIO 112 General College Biology II	.....	5
BIO 204 Microbiology	.....	4
BIO 208 General College Microbiology	.....	5
BIO 211 Cell Biology	.....	4
CHE 211 Organic Chemistry I	.....	5
CHE 212 Organic Chemistry II	.....	5

Pre-Vet is not a major at a four-year institution. Students should also consult the requirements for their chosen major.

**Sports Medicine/Athletic Training**

The Sports Medicine/Athletic Training degree at Northeastern Junior College is designed to introduce students to the demanding sports medicine career. Students gain knowledge in assessment and treatment of athletic injuries and have an opportunity to

apply these skills to Northeastern's athletic teams. This program is designed to successfully transfer to a four-year university program.

**Electives:**

HPE 102 Intro to Sports Medicine	2
HPE 130 Athletic Training Practicum I	1
HPE 231 Care/Prevention of Athletic Inj	3
HPE 230 Athletic Training Practicum II	2
BIO 201 Human Anatomy & Physiology I	4
BIO 202 Human Anatomy & Physiology II	4
CIS 118 Intro PC Applications (recommended)	3
HPR 102 CPR for Professionals	.5
HPR 217 Kinesiology	4
HWE 237 Exercise/Nutrition & Body Comp	3

**Wildlife Biology**

**Recommended General Education Courses:**

BIO 111 General College Biology I	5
BIO 112 General College Biology II	5
ECO 202 Principles of Microeconomics	3
PHY 111 Physics: Algebra-Based I	5

**Electives:**

AGY 240 Introductory Soil Science	4
BIO 220 General Zoology	5
CHE 107 Fundamentals of General Chemistry	5
MAT 122 College Trigonometry	3
MAT 166 Pre-Calculus	5
MAT 201 Calculus I	5

**Zoology**

**Recommended General Education Courses:**

BIO 111 General College Biology I	5
BIO 112 General College Biology II	5
CHE 111 General College Chemistry I	5
CHE 112 General College Chemistry II	5
PHY 111 Physics: Algebra-Based I	5
PHY 112 Physics: Algebra-Based II	5

**Electives:**

BIO 220 General Zoology	5
CHE 211 Organic Chemistry I	5
CHE 212 Organic Chemistry II	5

**Other Pre-Professional Programs:** Students should see an academic advisor to develop a plan of study for the following areas.

Pre-Chiropractic  
 Pre-Dental Hygiene  
 Pre-Forestry  
 Pre-Medical Technology  
 Pre-Mortuary  
 Pre-Occupational Therapy  
 Pre-Optometry  
 Pre-Physical Therapy  
 Pre-Radiologic Technology  
 Pre-Speech Pathology  
 Pre-Surgery Technology

**ASSOCIATE OF GENERAL STUDIES  
 DEGREE (A.G.S.) (60 CREDITS)**

The Associate of General Studies (A.G.S.) degree is available for individuals who desire to complete a broad instructional program of courses with or without constraints of specialization, but with flexibility to tailor individual learning experiences.

There are two types of AGS degrees. This first type of the AGS degree is designed to meet individual career goals with no intent of transferring to baccalaureate degree programs. It consists of a broad program of both career and traditional transfer courses without the constraints of specialization. Transferability of this customized degree program depends upon the courses taken and the receiving institution. Fifteen of these semester hours must be in prescribed general education courses labeled as those accepted in the State Guarantee General Education Transfer and designated as such in the college catalog.

The second type of the AGS degree is used as a technical pre-professional transfer degree with a major field specified. It is designed for students to transfer into a baccalaureate degree program with junior standing, based on a written articulation agreement with one or more designated institutions. The course of study for the various fields of specialization must be outlined in the college catalog as well as the identification of the baccalaureate institution(s) that have agreed to accept the program in transfer. The other hours will be subject to the terms of the agreement with the baccalaureate institution(s).

**GRADUATION POLICIES**

1. Complete a minimum of 60 semester credits of approved coursework.
2. Thirty (30) semester credits of the total coursework must be taken in general education and professional coursework.
3. Students should select their elective courses in consultation with their academic advisor based on the student's declared program of study and educational goal. No more than 30 semester credits of coursework are to be in Career and Technical Education prefixed courses or community education courses.
4. Earn a minimum cumulative grade point average of 2.0 (a "C" average).
5. Earn 15 semester credits of coursework prior to graduation through Northeastern Junior College.
6. File an Application for Graduation in the Records Office.
7. Resolve all financial obligations to the college and return all library and college materials.

**General Education Requirements**

Students earning the Associate of General Studies degree must complete 30 semester credit hours of the following general education requirements. **Any course designated as a Guaranteed Transfer Course (see list on pages 46-48) will also fulfill a general education requirement for the AGS degree in the appropriate category. Additional courses are listed under the respective categories below.**

1. Oral Communication - a minimum of 3 semester credits required:
 

COM 115 Public Speaking	3
COM 125 Interpersonal Communication	3
2. Written Communication - a minimum of 3 semester credits required: See Guaranteed Transfer courses on pages 46-48 or
 

ENG 115 Technical English & Communication	3
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3. Mathematics - a minimum of 3 semester credits required:  
See Guaranteed Transfer courses on pages 46-48 or  
MAT 112 Financial Mathematics ..... 3
4. Science - a minimum of 4 semester credits required:  
See Guaranteed Transfer courses on pages 46-48 or  
AGY 100 General Crops ..... 4  
HPR 217 Kinesiology ..... 4
5. Social and Behavioral Science — a minimum of 3 semester credits required:  
See Guaranteed Transfer courses on pages 46-48 or  
MAN 128 Human Relations in Organization ..... 3
6. Humanities — a minimum of 3 semester credits required:  
See Guaranteed Transfer courses on pages 46-48 or  
LIT 255 Children’s Literature ..... 3  
SPA 111 Spanish Language I ..... 5  
SPA 112 Spanish Language II ..... 5

## SECOND ASSOCIATE DEGREE

### Earning Multiple Degrees/Certificates

CCCS and Northeastern Junior College recognizes that there are circumstances in which our students may require additional degrees/certificates for employment, transfer, or for personal growth and satisfaction. This guideline designates circumstances in which a student may earn a multiple credential including: Bachelor of Applied Science, Associate of Arts (including with designation), Associate of Science (including with designation), Associate of General Studies, Associate of Applied Science, and Certificate programs. Students may be awarded a second degree subject to the following stipulations:

1. Students can earn more than one AA or AS Degree with Designation in the same or subsequent terms. Required courses for one degree can be used for another degree.
2. Students can earn more than one AAS degree in the same or subsequent terms. Required courses for one degree can be used as electives for another degree.
3. Students cannot earn an AA Degree with Designation and a general AA degree using the same coursework.
4. Students cannot earn an AS Degree with Designation and a general AS degree using the same coursework.
5. Students who have earned a degree higher on the hierarchy list may not earn a degree lower on the hierarchy list using the same coursework. Exception: Students may earn multiple AAS degrees, even if they have already earned a higher degree on the hierarchy.
6. This policy does not apply to students who may transfer to the community college system with a Bachelors of Arts of Bachelors of Science degree.

### Degree Hierarchy:

- BAS (Bachelor of Applied Science)
- AA and AS (Associate of Arts/Associate of Sciences Degrees with Designation)
- AA and AS (Associate of Arts/Associate of Science General Studies)
- AGS (Associate of General Studies)
- AAS (Associate of Applied Science)

## AGRICULTURE TRANSFER PROGRAMS

Northeastern Junior College has a long, rich tradition of strong transfer programs that are patterned after the freshman and sophomore years of the bachelor degree programs in the Colorado State University College of Agricultural Sciences. Students completing an Associate of General Studies degree in anyone of the below listed programs should be able to successfully transfer as a junior to Colorado State or other four-year colleges or universities offering degrees in agriculture or horticulture. Students planning to transfer to other four-year colleges or universities will work closely with an advisor to assure a successful transfer.

- Agriculture Business
- Agriculture Communications/Journalism
- Agriculture Education
- Animal/Equine Science - Industry Concentration
- Animal/Equine Science - Science Concentration
- Pre-Veterinary Medicine
- Range Management
- Soil & Crop Sciences
- *Recommended General Education Courses for Agriculture Transfer Programs are listed on the next page.*

	Agriculture Comunica- tion	Equine Industry	Pre-Veteri- nary Medicine	Agriculture Business	Agriculture Education	Animal Science	Equine Science	Soil & Crop Science
<b>COMMUNICATIONS</b>								
COM 115 Public Speaking	x	x	x	x	x	x	x	x
ENG 121 English Comp I	x	x	x	x	x	x	x	x
ENG 122 English Comp II	x	x	x	x				
<b>MATHEMATICS</b>								
MAT 121 College Algebra	x	x	x	x	x	x	x	x
<b>SCIENCE</b>								
BIO 111 Coll Biology I w/lab	x	x	x	x	x	x	x	x
BIO 112 Coll Biology II w/lab			x			x	x	
CHE 101 Intro to Chemistry	x	x		x	x	x	x	x
CHE 111 Coll Chem I w/lab			x	x	x		x	x
CHE 112 Coll Chem II w/lab			x			x	x	
CHE 205 Intro Organic Chem <u>OR</u>			x			x	x	
CHE 211 Org Chem I w/lab <u>AND</u>			x			x	x	
CHE 212 Org Chem II w/lab			x			x	x	
<b>SOCIAL &amp; BEHAVIORAL SCIENCE</b>								
AGE 102 Ag Economics*	x	x	x	x	x	x	x	x
<b>HISTORICAL PERSPECTIVES</b>								
Any GT History	x	x	x	x	x	x	x	x
<b>GLOBAL &amp; CULTURAL AWARENESS</b>								
AGR 260 World Interdepend- ence	x	x	x	x	x	x	x	x
<b>ARTS/HUMANITIES</b>								
Refer to Page 46 for List of GT Approved Courses								
<b>FOUNDATION AG COURSES</b>								
ASC 100 Animal Sciences	x	x	x	x	x	x	x	x
ASC 225 Feeds & Feeding		x	x	x	x	x		
AGE 205 Farm/Ranch Mgmt.				x				
AGY 100 Gen Crop Production	x			x	x			
AGY 240 Intro Soil Science				x	x			x

\* Students choose only one of the following from each major category or any GT Pathways Course.

Each major will have additional course requirements and recommended electives based on the program requirements at CSU.

Agriculture students planning to transfer to an out-of-state institution should consult their advisor.