



Chapter 6

Transfer Programs

Joliet Junior College offers a wide range of transfer courses that are designed to provide the first two years of education for students seeking a baccalaureate degree from a four-year college or university. The key to successful transfer is to plan early, seek advice from counselors/advisers at both JJC and the prospective four-year institution, and use the most updated information to ensure a smooth transition. Students who complete a prescribed set of courses from JJC can complete the Associate in Arts (A.A.) degree or Associate in Science (A.S.) degree prior to transfer to a four-year institution. Here are some steps to take to gather the information necessary for transfer from JJC to a senior institution.

- 1) Complete the requirements for either an Associate in Arts or an Associate in Science degree. The course requirements for these two degrees are located in the next few pages.
- 2) If you are not sure where you plan to transfer or what your intended major will be, follow the course requirements of the Illinois Articulation Initiative (IAI). These requirements match the A.A. and A.S. degree program requirements at JJC. Familiarize yourself with the IAI Web site (itransfer.org).
- 3) If you know the institution to which you plan to transfer and the major program you plan to pursue, seek out the specific course recommendations from that college/university. You will still follow the transfer degree requirements at JJC, but you also may have to select more carefully from the choices available. For example, although there are many choices to fulfill your mathematics requirement, certain degree programs at certain universities will want you to select specific courses from among the array of choices.
- 4) If you know which major you plan to pursue but are unsure about which college or university you might attend after JJC, then you should follow the Major Transfer Program Guide (for the major you intend to pursue) listed in the “Major Transfer Programs” section.
- 5) Always use all of the resources available to you to make the best possible decision. Seek out the help of a counselor or adviser. Use the itransfer.org Web site. Seek advice from your intended college/university (if you know that information), and finally use the vast array of student services at JJC to help with career counseling, academic advising and course selection, and tutorial services.

ASSOCIATE IN ARTS DEGREE

The Associate in Arts degree is designed for students planning to pursue a four-year degree program in majors like agriculture, anthropology, art, business, communication/journalism, communication/public relations, criminal justice, English, history, music, philosophy and religion, political science, psychology, sociology, speech communication, and theater. Students interested in elementary, early childhood, or special education should follow the A.A. program and use advising to select appropriate courses. Student majoring in secondary education should follow an A.A. or A.S. degree program and supplement it with appropriate education courses.

ASSOCIATE IN SCIENCE DEGREE

The Associate in Science degree is designed specifically for students planning to pursue a bachelor's degree in agriculture, biology, chemistry, computer science, engineering, mathematics, and physics. All pre-medical, pre-dental, and pre-veterinary medicine degree programs follow the Associate in Science degree in either biology or chemistry.

ILLINOIS ARTICULATION INITIATIVE (IAI)

Joliet Junior College is a participant in the Illinois Articulation Initiative (IAI). The IAI is an agreement among Illinois colleges and universities to make the transfer of credit as easy as possible. Currently, the IAI allows for the smooth transfer of a set of courses, labeled the General Education Core Curriculum (GECC), among the more than 100 participating public and private colleges and universities. Completion of the GECC at any participating community college in Illinois guarantees that transferring students will be granted the equivalent credit for the entire general education program of the receiving four-year college or university. In some instances, the four-year college/university may have additional upper division (junior/senior) general education graduation requirements. The approved general education requirements at Joliet Junior College for the Associate in Arts degree (37 credit hours - Categories I-V on page 37-38) and the Associate in Science degree (41 credit hours - Categories I-V on page 37-38) will fulfill the IAI GECC.

If you transfer before completion of the IAI GECC at JJC, you will have to satisfy the general education requirements of the transfer institution. Courses will be evaluated on a course-by-course basis to determine transferability.

Transferring to another institution is a complex process. In order to understand the process of course transferability, students should use two sources of data. First, students should consult the www.itransfer.org Web site for specific information about the GECC requirements and certain academic majors. Second, students should have a meeting with a JJC counselor or adviser to seek out information on how courses will be used when transferring to another institution. Once a student narrows down the choices of transfer institution, the fit of their selected courses should be considered. While the approved IAI GECC allows for completion of the transfer institutions' lower level general education requirements, specific course selections in general education, the major, and electives can enhance the transfer process.

GENERAL EDUCATION

The purpose of general education is to develop individuals who have sensitivity for and an understanding of the world around them. A comprehensive general education will help students develop moral values, critical thinking skills, and investigative query that will prepare them well for a rapidly changing world. Generally educated students possess the ability to communicate well, understand the scientific process and scientific inquiry, reason mathematically, appreciate the diverse cultures of the world, respect human history, and perceive the dynamics of human ethics and morality. The transfer general education curriculum for the Associate in Arts and Associate in Science degrees at Joliet Junior College encompasses the five categories of the IAI GECC.

CATEGORY I - COMMUNICATION

Communication is the process of exchanging ideas and expressing oneself in writing and speech. The complexities of today's careers and modern life demand that individuals have acquired mastery of the basic skills in both of these areas. Completing all three courses listed below satisfies the general education core requirement.

ENG 101	Rhetoric (C1 900)
ENG 102	Rhetoric (C1 901)
SPCH 101	Principles of Speech (C2 900)

CATEGORY II - SOCIAL AND BEHAVIORAL SCIENCES

The study of social and behavioral sciences offers students an opportunity to gain insights into the complexities of humans. The social and behavioral sciences prepare students to analyze social, political, cultural, historical, and economic institutions throughout the world. Students will develop an appreciation for human behavior and their place in their society and the world. In order to satisfy the requirements of this category, students must complete three courses from at least two subject areas.

ANTH 101	Introduction to Anthropology (S1 900N)
ANTH 275	Cultural Anthropology (S1 901N)
ECON 103	Principles of Economics I (S3 901)
ECON 104	Principles of Economics II (S3 902)
GEOG 102	World Regional Geography (S4 900N)
GEOG 104	Introduction to Economic Geography (S4 903N)
GEOG 106	Cultural Geography (S4 900N)
HIST 103	History of the United States to 1865 (S2 900)
HIST 104	History of the United States, 1865 to Present (S2 901)
HIST 107	World History to 1500 (S2 912)
HIST 108	World History Since 1500 (S2 913)
HIST 290	History of Africa (S2 906N)
PSCI 101	American National Government (S5 900)
PSCI 102	American State and Local Government (S5 902)
PSCI 103	Introduction to Comparative Government (S5 905)
PSYC 101	General Psychology (S6 900)
PSYC 208	Social Psychology (S8 900)
PSYC 210	Child and Adolescent Development (S6 904)
PSYC 215	Life Span: A Survey of Human Development (S6 902)
PSYC 250	Adulthood and Aging (S6 905)
SOC 101	Introduction to Sociology (S7 900)
SOC 220	Sex, Gender, and Power (S7 904D)
SOC 270	Marriage and the Family (S7 902)
SOC 280	Sociology of Social Problems (S7 901)
SOC 290	Cultural Diversity in America (S7 903D)

CATEGORY III - HUMANITIES/FINE ARTS

The study of the humanities and fine arts focuses students on what it means to be a human and the basic questions that confront all humans in their lives. Issues of beauty, courage, love, truth, justice, and morality are examined as intellectual and cultural expressions through the study of literature, language, philosophy, history, and the creative and performing arts. Courses in this category reflect critical thinking through comparative writing and critical oral discussion. This category will expose students to the basic questions and substance of the humanities and fine arts and the methods used to approach these questions. Category III requires that students complete one course from the humanities grouping, one course from the fine arts grouping, and one additional course from either grouping.

Humanities:

ENG 103	American Literature (H3 914)
ENG 104	American Literature (H3 915)
ENG 105	Survey of English Literature (H3 912)
ENG 106	Survey of English Literature (H3 913)
ENG 208	Masterpieces of Western Civilization (H3 906)
ENG 209	Masterpieces of Western Civilization (H3 907)
ENG 220	Non-Western Literature in Translation (H3 908N)
ENG 250	Introduction to Shakespeare (H3 905)
ENG 260	Minority American Literature (H3 9100)
ENG 270	Introduction to Women Writers (H3 911D)
FRCH 104	Intermediate French II (H1 900)
HIST 105	History of Civilization I (H2 901)
HIST 106	History of Civilization II (H2 902)
PHIL 101	Introduction to Philosophy (H4 900)
PHIL 102	History of Philosophy (H4 901)
PHIL 103	Introduction to Ethics (H4 904)
PHIL 104	Introduction to Logic/Critical Thinking (H4 906)
MUS 107	Music in World Cultures (F1 903N)
SOC 240	Introduction to Comparative Religion (H5 904N)
SPAN 104	Intermediate Spanish II (H1 900)

Fine Arts:

ART 109	Introduction to the Visual Arts (F2 900)
ART 115	Introduction to Ancient and Medieval Art (F2 901)
ART 116	Introduction to Renaissance & Baroque Art (F2 902)
ART 117	Introduction to Modern Art (F2 902)
ENG 190	Introduction to Film Study (F2 905)
MUS 101	Exploration of Music Literature (F1 900)
MUS 102	Exploration of American Music (F1 904)
MUS 103	Evolution of Jazz (F1 904)
PHIL 104	Logic (F1 906*)
THEA 101	Introduction to the Theatre (F1 907)

* Pending approval from the Illinois Articulation Initiative.

CATEGORY IV - PHYSICAL AND LIFE SCIENCES

The study of science will enable students to develop an understanding of the methods of scientific inquiry, familiarize them with selected scientific principles from both the physical and life sciences, and enable them to make informed decisions about personal and social issues related to science. The study of science will enable students to gain an appreciation for the formation and testing of hypotheses and drawing conclusions from observed data. Category IV requires students to complete 7-8 credit hours with one course from the life sciences and one course from the physical sciences. For the Associate in Arts degree at JJC, students must complete at least one laboratory science within their 7-8 credit hours. For the Associate in Science degree, students must complete a laboratory science in both the life and physical sciences areas.

Life Sciences:

BIO 104	Biological Diversity (L1 900L)
BIO 105	Microbes and You (L1 903L)
BIO 107	Plants and Society (L1 901L)
BIO 125	Human Biology (L1 904L)
BIO 144	Introduction to Human Heredity (L1 906)
BIO 146	Ecological Conservation (L1 905)
BIO 151	General Biology I (L1 900L)

Physical Sciences:

ASTR 101	Descriptive Astronomy (P1 906)
CHEM 100	General Chemistry (P1 903L)
CHEM 101	General Chemistry (P1 902L)
CHEM 104	Chemistry and Society (P1 903)
GEOG 111	Physical Geography-Weather and Climate (P1 909L)
GEOG 112	Physical Geography - Landforms (P1 909L)
GEOL 101	Principles of Physical Geology (P1 907L)
PHSCI 120	Physical Science (P9 900L)
PHYS 100	Basic Physics (P1 900L)
PHYS 101	General Physics I (P1 900L)
PHYS 201	Engineering Physics I (P2 900L)

CATEGORY V - MATHEMATICS

The mathematics component of general education focuses on a basic level of numerical reasoning to provide the base for developing a quantitatively literate college graduate. Courses fulfilling this requirement emphasize the development of mathematical reasoning and problem solving in settings the college graduate will encounter. Students are required to complete one mathematics course from the list below to satisfy the requirements for the Associate in Arts degree at JJC. The Associate in Science degree requires students to complete a minimum of six credits in a two-course sequence (consult page 41 for details).

MATH 124	Mathematics Structure/Concepts II - for Elementary School Teachers (M1 903)
MATH 127	Mathematics for General Education (M1 904)
MATH 128	Elementary Statistics (M1 902)
MATH 137	Introduction to Discrete Mathematics (M1 905)
MATH 150	Mathematics Analysis for Business (M1 900)
MATH 153	Finite Mathematics (M1 906)
MATH 170	Calculus with Analytical Geometry I (M1 900)
MATH 171	Calculus with Analytical Geometry II (M1 900)
MATH 172	Calculus with Analytical Geometry III (M1 900)

TRANSFER PROGRAM INFORMATION

***NOTE:** This section of the catalog contains suggested transfer guides by major. These are guides for students who plan to transfer but have not yet selected a college or university. If students know their intended major and the college or university they plan to attend after Joliet Junior College, they should follow the articulation guide for that major and college or university. Articulation guides are available from college counselors and from the Transfer Center.*

Agriculture (Agribusiness, Agriculture Education, Agriculture Mechanization, Animal Science, Crop and Soil Science, Horticulture).....	46-48
Anthropology (A.A.)	49
Art (A.A.).....	49
Biology (A.S.).....	50
Business (A.A.).....	50
Chemistry (A.S.).....	51
Criminal Justice (A.A.).....	51
Criminal Justice Professional (A.A.).....	52
Engineering (A.A.)	52
English (A.A.).....	53
History (A.A.).....	53
Mass Communications/Journalism (A. A.).....	54
Mass Communications/Public Relations (A.A.).....	54
Mathematics (A.S.).....	55
Music (A.A.).....	55
Philosophy (A.A.).....	56
Physics (A.S.)	56
Political Science (A.A.).....	57
Psychology (A.A.)	57
Sociology (A.A.).....	58
Speech Communication (A.A.).....	58
Teacher Education (A.A.).....	59
Theater (A.A.).....	59

TRANSFER DEGREE REQUIREMENTS ASSOCIATE IN SCIENCE REQUIREMENTS

I. Communication	ENG 101*, 102*; SPCH 101	9 credit hours * A grade of "C" or better is required.
II. Social/Behavioral Sciences	(At least two areas required) ANTH 101, 275 ECON 103, 104 GEOG 102, 104, 106 HIST 103, 104, 107, 108, 290 PSCI 101, 102, 103 PSYC 101, 208, 210, 215, 250 SOC 101, 220, 270, 280, 290	9 credit hours
III. Humanities/Fine Arts	(one course required in humanities, one course in fine arts, and one additional course from either area) Humanities: ENG 103, 104, 105, 106, 190, 208, 209, 220, 250, 260, 270 FRCH 104, GER 104, SPAN 104 HIST 105, 106 PHIL 101, 102, 103, 104 SOC 240 SPAN 104 Fine Arts: ART 109, 115, 116, 117 ENG 190 MUS 101, 102, 103, 107 THEA 101	9 credit hours
IV. Physical/Life Sciences	(one laboratory course from physical sciences and one laboratory course from life sciences) Life Sciences: BIO 104, 105, 107, 125, 151 Physical Sciences: CHEM 100, 101 GEOG 111, 112 GEOL 101 PHSCI 120 PHYS 100, 101, 201	8 credit hours
V. Mathematics (must complete one of the following sequences)	MATH 141 or 142 and 128; MATH 141 or 142 and 170; MATH 170 and 171 or 210	6 credit hours
VI. Additional Science and Related Areas (see list on page 45)		15 credit hours
VII. Additional Hours Approved for Transfer Degrees (see catalog pages 42-45)		8 credit hours
TOTAL MINIMUM DEGREE REQUIREMENT		64 credit hours

** Pending approval by the general education panel of the Illinois Articulation Initiative
Completion of categories I-V satisfies the minimum General Education Requirements for all four-year institutions participating in the Illinois Articulation Initiative.

TRANSFER DEGREE REQUIREMENTS ASSOCIATE IN ARTS REQUIREMENTS

I. Communication	ENG 101*, 102*; SPCH 101.....	9 credit hours
	* A grade of "C" or better is required.	
II. Social/Behavioral Sciences	(At least two areas required)	9 credit hours
	ANTH 101, 275	
	ECON 103, 104	
	GEOG 102, 104, 106	
	HIST 103, 104, 107, 108, 290	
	PSCI 101, 102, 103	
	PSYC 101, 208, 210, 215, 250	
	SOC 101, 220, 270, 280, 290	
III. Humanities/Fine Arts	(one course required in humanities, one course required in fine arts, and one additional course from either area)	9 credit hours
	Humanities:	
	ENG 103, 104, 105, 106, 208, 209, 220, 250, 260, 270	
	FRCH 104	
	HIST 105, 106	
	PHIL 101, 102, 103, 104	
	SOC 240	
	SPAN 104	
	Fine Arts:	
	ART 109, 115, 116, 117	
	ENG 190	
	MUS 101, 102, 103, 107	
	THEA 101	
IV. Physical/Life Sciences	(one course from physical sciences and one course from life sciences with at least one being a lab course)	7 credit hours
	Life Sciences:	
	BIO 104, 105, 107, 125, 144, 146, 151	
	Physical Sciences:	
	ASTR 101	
	CHEM 100, 101, 104	
	GEOG 111, 112	
	GEOL 101	
	PHSCI 120	
	PHYS 100, 101, 201	
V. Mathematics		3 credit hours
	MATH 124, 127, 128, 137, 150, 153, 170, 171, 172	
VI. Additional Requirements for A. A. degree (see approved course list, catalog pages 42-45)		27 credit hours
	A. It is recommended that students include a computer course appropriate for their intended major.	
	B. It is recommended that students seriously consider completing a foreign language through the intermediate level, namely 104, to enhance their career options.	
TOTAL MINIMUM DEGREE REQUIREMENT		64 credit hours

** Pending approval by the general education panel of the Illinois Articulation Initiative.

Completion of categories I-V satisfies the minimum General Education Requirements for all four-year institutions participating in the Illinois Articulation Initiative.

COURSES APPROVED FOR THE A.A. AND A.S. DEGREES

Note: Some courses may not transfer to four-year colleges or universities. Check with the institution you will be attending.

ACCY 101	Accounting I	BIO 146	Ecological Conservation
ACCY 102	Accounting II	BIO 151	General Biology I
ACCY 103	Intermediate Accounting I	BIO 152	General Biology II
ACCY 104	Cost Accounting	BIO 215	Local Flora (Plant Taxonomy)
ACCY 105	Intermediate Accounting II	BIO 220	General Zoology
ACCY 107	Income Tax Accounting	BIO 240	Microbiology
ADV 101	Principles of Advertising	BIO 250	Human Anatomy and Physiology I
AGRI 100	Animal Science	BIO 251	Human Anatomy and Physiology II
AGRI 101	Dairy Science	BLAW 101	Business Law I
AGRI 102	Principles Feeding and Animal Nutrition	BLAW 102	Business Law II
AGRI 103	Agriculture Economics	BUS 101	Introduction to Business
AGRI 105	Crop Production	BUS 205	Business Statistics
AGRI 110	Introduction to Agriculture Education	CADD 101	Computer Aided Drafting I
AGRI 115	Introduction to Microcomputer Skills in Agriculture	CDEV 201	Health, Safety, Nutrition for Young Children
AGRI 126	Introductory Soils	CDEV 205	Introduction to Early Childhood Education
AGRI 150	Introduction to Agriculture Mechanization	CDEV 255	Child Development Internship & Seminar
ANTH 101	Introduction to Anthropology	CHEM 100	General Chemistry
ANTH 275	Cultural Anthropology	CHEM 101	General Chemistry
ARAB 110	Conversational Arabic I	CHEM 102	General Chemistry
ARAB 111	Conversational Arabic II	CHEM 104	Chemistry and Society
ART 101	Drawing I	CHEM 105	Quantitative Analysis
ART 102	Drawing II	CHEM 108	Elementary Organic Chemistry
ART 103	2D Design	CHEM 209	Organic Chemistry
ART 104	3D Design	CHEM 210	Organic Chemistry
ART 105	Painting I	CHIN 110	Conversational Mandarin Chinese I
ART 106	Painting II	CHIN 111	Conversational Mandarin Chinese II
ART 107	Graphic Design I	CIS 122	Computer Information Systems Fundamentals
ART 108	Introduction to Computer Graphics	CIS 124	Beginning Microcomputer Applications
ART 109	Introduction to Visual Arts	CIS 126	Microsoft Office
ART 111	Ceramics I	CIS 128	Computers for Educators
ART 112	Ceramics II	CIS 130	BASIC Programming
ART 115	Introduction to Ancient and Medieval Art	CIS 134	FORTRAN Programming
ART 116	Introduction to Renaissance & Baroque Art	CIS 136	PASCAL Programming
ART 117	Introduction to Modern Art	CIS 227	Advanced PASCAL with Data Structures
ART 118	History of Chicago Architecture 19th-20th Centuries	CIS 236	Programming in C
ART 125	Photography I	CIS 246	Advanced C using C++
ART 151	Computer Art I	CIS 250	Systems Analysis and Design
ART 207	Graphic Design II	CIS 261	JAVA Programming
ART 211	Digital Imaging I (Photoshop)	CIS 269	Data Structures
ART 212	Digital Imaging II (Adobe Illustrator)	CIS 295	Computer Organization
ART 213	Figure Drawing I	CRJ 100	Introduction to Criminal Justice
ART 214	Figure Drawing II	CRJ 110	Introduction to Law Enforcement
ART 215	Art Education	CRJ 105	Introduction to Corrections
ART 223	History of Art in Architecture	CRJ 120	Juvenile Delinquency
ART 225	Photography II	CRJ 130	Criminal Law
ART 240	Jewelry and Metalsmithing I	CRJ 200	Criminology
ART 241	Jewelry and Metalsmithing II	CRJ 205	Evidence and Criminal Procedure
ART 251	Computer Art II	CRJ 215	Probation and Parole
ASTR 101	Descriptive Astronomy	CRJ 225	Criminal Investigation
BIO 100	Medical Terminology	CRJ 235	Prison and Jail Management
BIO 103	Health	CRJ 250	Law Enforcement Organization and Administration
BIO 104	Biological Diversity	ECON 103	Principles of Economics I (Macroeconomics)
BIO 105	Microbes and You	ECON 104	Principles of Economics II (Microeconomics)
BIO 106	Animals and Society	ECON 107	Consumer Economics
BIO 107	Plants and Society	ECON 210	Modern Money and Banking
BIO 125	Human Biology	ECON 220	Comparative Economic Systems
BIO 144	Introduction to Human Heredity	ECON 230	Public Finance

EDUC 100	Introduction to Teaching	HIST 108	World History Since 1500
EDUC 106	Introduction to Classroom Management	HIST 109	North American Indian History
EDUC 108	Teaching the Language Arts	HIST 200	History of Great Britain Since 1688
EDUC 240	The Exceptional Child	HIST 201	Modern Europe Since 1815
EDUC 251	Clinical Experience and Seminar	HIST 210	History of Illinois and the Joliet Region
EGR 101	Engineering Graphical Communications I	HIST 220	History of Soviet Russia
EGR 102	Engineering Graphical Communications II	HIST 230	History of the Middle East
EGR 201	Analytical Mechanics - Statics	HIST 240	History of Latin America
EGR 202	Analytical Mechanics - Dynamics	HIST 250	The Civil War Reconstruction
ENG 101	Rhetoric	HIST 260	History of the Middle East
ENG 102	Rhetoric	HIST 290	History of Africa
ENG 103	American Literature	HIST 293	History of Black America
ENG 104	American Literature	HORT 100	Introductory Horticulture
ENG 105	Survey of English Literature	HORT 105	Insects and People
ENG 106	Survey of English Literature	HORT 243	Entomology
ENG 107	Contemporary Literature	HORT 280	Floral Design
ENG 108	Contemporary Literature	HPR 101	Fitness Center
ENG 109	Children's Literature	HPR 105	Tennis I
ENG 120	Creative Writing	HPR 106	Tennis II
ENG 190	Introduction to Film Study	HPR 107	Golf I
ENG 201	Introduction to Poetry	HPR 108	Golf II
ENG 202	Introduction to Fiction	HPR 117	Men's Conditioning I
ENG 203	Introduction to Drama	HPR 118	Men's Conditioning II
ENG 208	Masterpieces of Western Civilization	HPR 119	Techniques in Tennis
ENG 209	Masterpieces of Western Civilization	HPR 120	Women's Conditioning I
ENG 220	Non-Western Literature in Translation	HPR 121	Women's Conditioning II
ENG 230	Advanced Technical Writing and Communications	HPR 122	Dance Techniques I
ENG 250	Introduction to Shakespeare	HPR 124	Aerobic Dance
ENG 260	Minority American Literature	HPR 126	Walking/Low Impact Aerobics
ENG 270	Introduction to Women Writers	HPR 128	Introduction to Fitness Center Techniques I
FIN 201	Principles of Corporation Finance	HPR 129	Canoeing
FMER 102	The Psychology of Clothing	HPR 202	Wellness Concepts
FMER 107	Textiles	HPR 207	First Aid
FMER 202	Visual Merchandising and Display	HPR 209	Football Coaching
FMER 240	Careers in Fashion Merchandising	HPR 213	Basketball Coaching
FRCH 101	Elementary French I	HPR 217	Baseball Coaching
FRCH 102	Elementary French II	HPR 219	Track and Field Coaching
FRCH 103	Intermediate French I	HPR 220	Soccer Coaching
FRCH 104	Intermediate French II	HPR 222	Dance Techniques II
FRCH 105	Advanced French I	INS 101	Principles of Insurance
FRCH 106	Advanced French II	INTD 116	Furniture History
GEOG 102	World Regional Geography	INTD 216	Historical Interiors
GEOG 104	Introductory Economic Geography	ITAL 110	Conversational Italian I
GEOG 106	Cultural Geography	ITAL 111	Conversational Italian II
GEOG 108	North American Field Trips	JAPN 110	Conversational Japanese I
GEOG 111	Physical Geography - Weather and Climate	JAPN 111	Conversational Japanese II
GEOG 112	Physical Geography - Landforms	JOUR 102	Editing and Production
GEOG 120	Mapping Essentials for GIS	JOUR 103	Introduction to Mass Media
GEOL 101	Principles of Physical Geology	JOUR 104	Introduction to Public Relations
GEOL 102	Historical Geology	JOUR 201	News Reporting and Writing
GER 110	Conversational German I	LANG 107	Bilingual Practicum
GER 111	Conversational German II	LANG 298	Civilization and Culture of Morocco
GSD 100	Orientation to the College Experience	LANG 299	Special Topics in Foreign Languages
GSD 103	Portfolio Development	MATH 101	Business Mathematics
GSD 110	Career/Lifestyle Planning	MATH 123	Mathematics Structures/Concepts I - Elementary School Teachers
HEAL 109	Principles of Normal Nutrition	MATH 124	Mathematics Structures/Concepts II - Elementary School Teachers
HIST 103	History of the United States to 1865	MATH 127	Mathematics for General Education
HIST 104	History of the United States, 1865 to Present	MATH 128	Elementary Statistics
HIST 105	History of Civilization I	MATH 131	College Algebra
HIST 106	History of Civilization II	MATH 135	Plane Trigonometry
HIST 107	World History to 1500		

MATH 137	Introduction to Discrete Mathematics	PHYS 103	Technical Physics
MATH 141	Pre-Calculus Mathematics	PHYS 104	Technical Physics
MATH 142	Accelerated Trigonometry/Pre-Calculus	PHYS 201	Engineering Physics I
MATH 150	Mathematical Analysis for Business	PHYS 202	Engineering Physics II
MATH 153	Finite Mathematics	PHYS 203	Engineering Physics III
MATH 170	Calculus with Analytic Geometry I	POL 110	Conversational Polish I
MATH 171	Calculus with Analytic Geometry II	POL 111	Conversational Polish II
MATH 172	Calculus with Analytic Geometry III	PORT 110	Conversational Portuguese I
MATH 210	Linear Algebra	PORT 111	Conversational Portuguese II
MATH 220	Differential Equations and Orthogonal Functions	PSCI 101	American National Government
MGMT 101	Principles of Management	PSCI 102	American State and Local Government
MGMT 102	Human Relations	PSCI 103	Introduction to Comparative Government
MGMT 110	Teams and the Tools of Quality	PSYC 101	General Psychology
MKTG 101	Marketing	PSYC 102	Educational Psychology
MUS 101	Exploration of Music Literature	PSYC 205	Abnormal Psychology
MUS 102	Exploration of American Music	PSYC 206	Industrial Psychology
MUS 103	Evolution of Jazz	PSYC 207	Psychology of Personality
MUS 104	Fundamentals of Music	PSYC 208	Social Psychology
MUS 105	Theory of Music	PSYC 210	Child and Adolescent Development
MUS 106	Theory of Music	PSYC 215	Lifespan: A Survey of Human Development
MUS 107	Music in World Cultures	PSYC 250	Adulthood and Aging
MUS 110	Class Piano	PSYC 270	Health Psychology
MUS 111	Class Voice	PSYC 272	Stress Management
MUS 112	Class Guitar	PSYC 273	Psychology of Adjustment and Growth
MUS 113	Class Percussion	RET 107	Retail Management
MUS 120	Applied Piano - Class	RMGT 101	Conservation
MUS 121	Applied Voice - Class	RUSS 110	Conversational Russian I
MUS 122	Applied Woodwinds - Class	RUSS 111	Conversational Russian II
MUS 123	Applied Brass - Class	SALE 101	Sales
MUS 124	Applied Instrument - Class	SOC 101	Introduction to Sociology
MUS 125	Applied Percussion	SOC 110	Introduction to Rural Sociology
MUS 126	Applied Guitar	SOC 220	Sex, Gender and Power
MUS 127	Applied Bass	SOC 240	Introduction to Comparative Religion
MUS 130	Class Woodwind Methods	SOC 270	Marriage and the Family
MUS 131	Elements of Conducting	SOC 280	Sociology of Social Problems
MUS 132	Class Brass Methods	SOC 290	Cultural Diversity in America
MUS 134	Class Percussion Methods	SOC 293	Human Sexualities
MUS 150	JJC Chamber Singers	SOC 295	Sociology of Black America
MUS 152	JJC Chorale	SPAN 101	Elementary Spanish
MUS 155	JJC Community Band	SPAN 102	Elementary Spanish
MUS 156	JJC Jazz Band	SPAN 103	Intermediate Spanish I
MUS 160	Instrumental Ensemble	SPAN 104	Intermediate Spanish II
MUS 201	Music History I	SPAN 105	Advanced Spanish I
MUS 202	Music History II	SPAN 106	Advanced Spanish II
MUS 205	Advanced Theory of Music	SPAN 113	Intermediate Spanish for Spanish Speakers I
MUS 206	Advanced Theory of Music	SPAN 114	Intermediate Spanish for Spanish Speakers II
MUS 220	Applied Piano	SPCH 101	Speech Communication
MUS 221	Applied Voice	SPCH 102	Advanced Public Speaking
MUS 222	Applied Woodwinds	SPCH 106	Argumentation and Debate
MUS 223	Applied Brass	SPCH 111	Practicum in Intercollegiate Forensics
MUS 224	Applied Instrument	SPCH 131	Introduction to Broadcasting
MUS 225	Applied Percussion	SPCH 202	Interpersonal Communications
MUS 226	Applied Guitar	THEA 101	Introduction to the Theatre
MUS 227	Applied Bass	THEA 102	Oral Interpretation of Literature
PHIL 101	Introduction to Philosophy	THEA 103	Acting I
PHIL 102	History of Philosophy	THEA 104	Technical Theatre I
PHIL 103	Introduction to Ethics	THEA 105	Technical Theatre II
PHIL 104	Introduction to Logic	THEA 106	Theatre Practicum
PHYS 100	Basic Physics	THEA 108	Costumes
PHYS 101	General Physics I	THEA 110	Stage Makeup
PHYS 102	General Physics II	THEA 114	Play Analysis for Production
		THEA 201	Principles of Directing
		THEA 203	Acting II

COURSES APPROVED FOR ADDITIONAL SCIENCE AND RELATED AREAS

AGRI 100	Animal Science	CIS 236	Programming in C
AGRI 105	Crop Production	CIS 246	Advanced C using C++
AGRI 126	Introductory Soils	EGR 101	Engineering Graphical Communications
AGRI 150	Introduction to Agriculture Mechanization	EGR 102	Engineering Graphics
ASTR 101	Descriptive Astronomy	EGR 201	Analytical Mechanics - Statics
BIO 104	Biological Diversity	EGR 202	Analytical Mechanics - Dynamics
BIO 105	Microbes and You	GEOG 111	Physical Geography - Weather and Climate
BIO 107	Plants and Society	GEOG 112	Physical Geography - Landforms
BIO 125	Human Biology	GEOL 101	Principles of Physical Geology
BIO 144	Introduction to Human Heredity	GEOL 102	Historical Geology
BIO 146	Ecological Conservation	HORT 100	Introductory Horticulture
BIO 151	General Biology I	MATH 128	Elementary Statistics
BIO 152	General Biology II	MATH 131	College Algebra
BIO 210	General Botany	MATH 135	Plane Trigonometry
BIO 215	Local Flora (Plant Taxonomy)	MATH 137	Introduction to Discrete Mathematics
BIO 220	General Zoology	MATH 141	Pre-Calculus Mathematics
BIO 221	Comparative Chordate Anatomy	MATH 142	Accelerated Trigonometry/Precalculus
BIO 240	Microbiology	MATH 170	Calculus with Analytic Geometry I
BIO 250	Human Anatomy and Physiology I	MATH 171	Calculus with Analytic Geometry II
BIO 251	Human Anatomy and Physiology II	MATH 172	Calculus with Analytic Geometry III
CHEM 100	General Chemistry	MATH 210	Linear Algebra
CHEM 101	General Chemistry	MATH 220	Differential Equations and Orthogonal Functions
CHEM 102	General Chemistry	PHYS 100	Basic Physics
CHEM 105	Quantitative Analysis	PHYS 101	General Physics I
CHEM 108	Elementary Organic Chemistry	PHYS 102	General Physics II
CHEM 209	Organic Chemistry	PHYS 201	Engineering Physics I
CHEM 210	Organic Chemistry	PHYS 202	Engineering Physics II
CIS 134	FORTTRAN Programming	PHYS 203	Engineering Physics III
CIS 136	PASCAL Programming		
CIS 227	Advanced PASCAL with Data Structures		

Transfer Degree Requirements for the Associate in Arts** to Prepare for a Baccalaureate Degree with a Major in Agriculture with an Emphasis in Agribusiness, Farm and Financial Management

The study of agricultural business fields provides opportunities for careers in marketing, business management, farm management, finance, risk management, policy analysis, and international trade. Joliet Junior College students are strongly encouraged to complete an Associate in Arts (A.A.) degree prior to transfer. Further, students should consult closely with an agriculture transfer adviser early in their programs if they intend to transfer as juniors into a bachelor's degree program.

Agriculture Core Requirements:

AGRI 103..... 3 s.h.
 Select three courses from AGRI 100, 105, 126, HORT 100,
 and AGRI 150 9 s.h.
 Agriculture core total 12 s.h.

Computer Competency:

All agriculture majors need to be computer literate. You must be able to negotiate an operating system, such as OS/2, DOS, or Windows; access the Internet; and use word-processing, database and spreadsheet software. If you cannot do this, take
 AGRI 115 0-3 s.h.

General Education Requirements: (see page 40 for more information)

- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
- II. Social/Behavioral Sciences: Take ECON 103 and select two other courses in at least one area other than economics 9 s.h.
- III. Humanities/Fine Arts: Take one course from the fine arts, one from humanities and one additional course from either humanities or fine arts 9 s.h.
- IV. Physical/Life Sciences: BIO 151 strongly recommended, CHEM 101 or PHYS 101 strongly recommended 7 s.h.
- V. Mathematics: MATH 128 or 153 or 170 recommended 3 s.h.

Categories I - V total..... 37 s.h.

Other Transfer Electives.....12-15 s.h.

Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree which will prepare the student for transfer in agriculture with an emphasis in agribusiness, farm and financial management. Consult with the agriculture transfer adviser before making selections in this area. For instance: AGRI 110 and HORT 280 are on the Illinois Articulation Initiatives list and would make good electives for certain students. Other students may elect to complete the one-year chemistry and/or physics course sequences.

**Depending on the courses selected for this degree, the student may be eligible for the Associate in Science degree.

Transfer Degree Requirements for the Associate in Arts** to Prepare for a Baccalaureate Degree with a Major in Agriculture with an Emphasis in Agriculture Education

The study of agricultural education provides career opportunities to enter the profession of teaching agriculture science and occupations at the secondary and post-secondary level. Joliet Junior College students are strongly encouraged to complete an Associate in Arts (A.A.) degree prior to transfer. Further, students should consult closely with an agriculture transfer adviser early in their programs if they intend to transfer as juniors into a bachelor's degree program.

Agriculture Core Requirements:

AGRI 100, 103, 105, 110, 150 17 s.h.

Computer Competency:

All agriculture majors need to be computer literate. You must be able to negotiate an operating system, such as OS/2, DOS, or Windows; access the Internet; and use word-processing, database and spreadsheet software. If you cannot do this, take
 AGRI 115 0-3 s.h.

General Education Requirements: (see page 40 for more information)

- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
- II. Social/Behavioral Sciences: Select courses from at least two different areas 9 s.h.
- III. Humanities/Fine Arts: Take one course from the fine arts, one from humanities and one additional course from either humanities or fine arts 9 s.h.
- IV. Physical/Life Sciences: BIO 151 required and CHEM 101 or PHYS 101 required 10 s.h.
- V. Mathematics: MATH 128 or 153 or 170 recommended 3 s.h.

Categories I - V total 40 s.h.

Other Transfer Electives.....4-7 s.h.

Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree. Consult with the agriculture transfer adviser before making selections in this area. For instance, AGRI 126 or HORT 100 or HORT 280 may be good transfer elective choices.

**Depending on the courses selected for this degree, the student may be eligible for the Associate in Science degree.

Transfer Degree Requirements for the Associate in Arts** to Prepare for a Baccalaureate Degree with a Major in Agriculture with an Emphasis in Agriculture Mechanization.

The study of agricultural mechanization provides career opportunities involving the application, service, management, and marketing of agricultural engineering technologies. Joliet Junior College students are strongly encouraged to complete an Associate in Arts (A.A.) degree prior to transfer. Further, students should consult closely with an agriculture transfer adviser early in their programs if they intend to transfer as juniors into a bachelor's degree program.

Agriculture Core Requirements:

AGRI 105, 150.....	6 s.h.
Select two courses from AGRI 100, 103, 126, and HORT 100.....	6 s.h.
Agriculture core total.....	12 s.h.

Computer Competency:

All agriculture majors need to be computer literate. You must be able to negotiate an operating system, such as OS/2, DOS, or Windows; access the Internet; and use word-processing, database and spreadsheet software. If you cannot do this, take

AGRI 115.....	0-3 s.h.
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General Education Requirements: (see page 40 for more information)

- I. Communication: ENG 101, ENG 102, and SPCH 101 required..... 9 s.h.
- II. Social/Behavioral Sciences: Select courses from at least two different areas..... 9 s.h.
- III. Humanities/Fine Arts: Take one course from the fine arts, one from humanities and one additional course from either humanities or fine arts..... 9 s.h.
- IV. Physical/Life Sciences: BIO 151 and PHYS 101 required. 10 s.h.
- V. Mathematics: MATH 128 or 153 or 170 recommended..... 3 s.h.

Categories I - V total..... 40 s.h.

Other Transfer Electives.....9-12 s.h.

Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree. Consult with the agriculture transfer adviser before making selections in this area. For instance, if you are required to complete a full year of physics and/or biology, you should take those courses prior to transferring.

**Depending on the courses selected for this degree, the student may be eligible for the Associate in Science degree.

Transfer Degree Requirements for the Associate in Arts** to Prepare for a Baccalaureate Degree with a Major in Agriculture with an Emphasis in Animal Science

The study of animal sciences provides opportunities for careers in animal production, animal management and associated industries, and preparation for professional school in veterinary medicine. Joliet Junior College students are strongly encouraged to complete an Associate in Arts (A.A.) degree prior to transfer. Further, students should consult closely with an agriculture transfer adviser early in their programs if they intend to transfer as juniors into a bachelor's degree program.

Agriculture Core Requirements:

AGRI 100.....	3 s.h.
Select three courses from AGRI 103, 105, 126, HORT 100, and AGRI 150.....	9 s.h.
Agriculture core total.....	12 s.h.

Computer Competency:

All agriculture majors need to be computer literate. You must be able to negotiate an operating system, such as OS/2, DOS, or Windows; access the Internet; and use word processing, database and spreadsheet software. If you cannot do this, take

AGRI 115.....	0-3 s.h.
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General Education Requirements: (see page 40 for more information)

- I. Communication: ENG 101, ENG 102, and SPCH 101 required..... 9 s.h.
- II. Social/Behavioral Sciences: Select courses from at least two different areas..... 9 s.h.
- III. Humanities/Fine Arts: Take one course from the fine arts, one from humanities and one additional course from either humanities or fine arts..... 9 s.h.
- IV. Physical/Life Sciences: BIO 151 and CHEM 101 required 10 s.h.
- V. Mathematics: MATH 128 or 153 or 170 recommended..... 3 s.h.

Categories I - V total..... 40 s.h.

Other Transfer Electives..... 9-12 s.h.

Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree. Consult with the agriculture transfer adviser before making selections in this area. For instance, if you are required to complete a full year of chemistry and/or biology, you should take those courses prior to transferring.

**Depending on the courses selected for this degree, the student may be eligible for the Associate in Science degree.

TRANSFER

Transfer Degree Requirements for the Associate in Arts to Prepare for a Baccalaureate Degree with a Major in Agriculture with an Emphasis in Crop and Soil Sciences**

The study of crops and soils provides opportunities for careers in crop production, crop protection, crop agribusiness management and merchandising, soil conservation, ecology, and management. Joliet Junior College students are strongly encouraged to complete an Associate in Arts (A.A.) degree prior to transfer. Further, students should consult closely with an agriculture transfer adviser early in their programs if they intend to transfer as juniors into a bachelor's degree program.

Agriculture Core Requirements:

AGRI 105, 126.....	6 s.h.
Select two courses from AGRI 100, 103, HORT 100, and AGRI 150	6 s.h.
Agriculture core total	12 s.h.

Computer Competency:

All agriculture majors need to be computer literate. You must be able to negotiate an operating system, such as OS/2, DOS, or Windows; access the Internet; and use word-processing, database and spreadsheet software. If you cannot do this, take
AGRI 115..... 0-3 s.h.

**General Education Requirements:
(see page 40 for more information)**

- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
 - II. Social/Behavioral Sciences: Select courses from at least two different areas 9 s.h.
 - III. Humanities/Fine Arts: Take one course from the fine arts, one from humanities and one additional course from either humanities or fine arts 9 s.h.
 - IV. Physical/Life Sciences: BIO 151 and CHEM 101 required 10 s.h.
 - V. Mathematics: MATH 128 or 153 or 170 recommended 3 s.h.
- Categories I - V total..... 40 s.h.**
Other Transfer Electives..... 9-12 s.h.

Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree. Consult with the agriculture transfer adviser before making selections in this area. For instance, if you are required to complete a full year of chemistry and/or biology, you should take those courses prior to transferring.

**Depending on the courses selected for this degree, the student may be eligible for the Associate in Science degree.

Transfer Degree Requirements for the Associate in Arts to Prepare for a Baccalaureate Degree with a Major in Agriculture with an Emphasis in Horticulture**

The study of horticulture provides opportunities for careers in the production of horticultural crops, greenhouse and nursery management, retail floriculture, garden center management, and floral design. Joliet Junior College students are strongly encouraged to complete an Associate in Arts (A.A.) degree prior to transfer. Further, students should consult closely with an agriculture transfer adviser early in their programs if they intend to transfer as juniors into a bachelor's degree program.

Agriculture/Horticulture Core Requirements:

AGRI 103, 126, 150.....	10 s.h.
HORT 100, 280.....	6 s.h.
Agriculture/Horticulture core total	16 s.h.

Computer Competency:

All agriculture majors need to be computer literate. You must be able to negotiate an operating system, such as OS/2, DOS, or Windows; access the Internet; and use word-processing, database and spreadsheet software. If you cannot do this, take
AGRI 115..... 0-3 s.h.

**General Education Requirements:
(see page 40 for more information)**

- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
 - II. Social/Behavioral Sciences: Select courses from at least two different areas (ECON 103 recommended) 9 s.h.
 - III. Humanities/Fine Arts: Take one course from the fine arts, one from humanities and one additional course from either humanities or fine arts..... 9 s.h.
 - IV. Physical/Life Sciences: BIO 151 required and CHEM 101 or PHYS 101 required..... 10 s.h.
 - V. Mathematics: MATH 128 or 153 or 170 recommended..... 3 s.h.
- Categories I - V total..... 40 s.h.**

Other Transfer Electives..... 5-8 s.h.

Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree. Consult with the agriculture transfer adviser before making selections in this area. For instance, AGRI 100, 105, or 110 may be good transfer elective choices. Also, students may want to finish their chemistry or physics first year sequence prior to transfer.

**Depending on the courses selected for this degree, the student may be eligible for the Associate in Science degree.

Transfer Degree Requirements for the Associate in Arts to Prepare for a Baccalaureate Degree with a Major in Anthropology

Anthropology Core Requirements:

ANTH 101 and ANTH 275 6 s.h.

General Education Requirements:

(refer to page 40 for more information)

- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
- II. Social/Behavioral Sciences: SOC 101 recommended 3 s.h.
- III. Humanities/Fine Arts: At least one course from the humanities required and one course from the fine arts required 9 s.h.
- IV. Physical/Life Sciences: Must select one physical science and one life science with at least one lab course 7 s.h.
- V. Mathematics: Select one course from approved list 3 s.h.

Categories I-V total 31 s.h.

Other Transfer Electives 27 s.h.

Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree, which will prepare the student for transfer in anthropology.

Transfer Degree Requirements for the Associate in Arts to Prepare for a Baccalaureate Degree with a Major in Art

Illinois colleges and universities offer two different bachelor's degrees in art: the professional Bachelor of Fine Arts (B.F.A.) degree and the Bachelor of Arts (B.A.) degree with a major in art. In general, because the B.F.A. degree prepares students for graduate school, it requires 70 or more semester credits in art, while the B.A. degree (major in art) requires about 40 to 50 semester credits in art. At some schools, a B.A. degree requires competency in a foreign language, while the B.F.A. degree does not. To transfer as a junior into either a B.F.A. program or B.A. program with a major in art, students should complete the A. A. degree at Joliet Junior College prior to transferring. Also, all courses should be selected in consultation with an Art department adviser. Most schools require a portfolio review for admission to a B.F.A. program, for registration in a second studio course in a medium and/or for scholarship consideration.

Art Core Requirements:

ART 115,116, 117* 6-9 s.h.
 ART 101-102 6 s.h.
 ART 103-104 6 s.h.
 Art core courses 18-21 s.h.
 Completion of the Art Core Courses is recommended before enrolling in media-specific studio courses. A portfolio review is usually required for transfer. Transfer students are encouraged to develop a portfolio of their work.

Media-Specific Studio Courses:

Select studio courses from at least two media in consultation with an Art department adviser 0-6 s.h.
 ART 105 - Painting I (3 s.h.)
 ART 111 - Ceramics I (3 s.h.)
 ART 125 - Photography I (3 s.h.)
 ART 151 - Computer Art I (3 s.h.)
 ART 213 - Figure Drawing (3 s.h.)
 ART 240 - Jewelry and Metalsmithing I (3 s.h.)

General Education Requirements:

(refer to page 40 for more information)

- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
- II. Social/Behavioral Sciences: Select 9 s.h. from at least two areas 9 s.h.
- III. Humanities/Fine Arts: Select two courses from the humanities 6 s.h.
- IV. Physical/Life Sciences: Must select one physical science and one life science with at least one lab course 7 s.h.
- V. Mathematics: Select one course from approved list 3 s.h.

Categories I-V total 34 s.h.

Other Transfer Electives 3-12 s.h.

Depending on the courses selected in the studio area, additional electives of six to 12 semester hours selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree which will prepare the student for transfer in art.

*To be best prepared for transfer in art at a four-year college/university, students are urged to complete all three art history courses.

TRANSFER

Transfer Degree Requirements for the Associate in Science to Prepare for a Baccalaureate Degree with a Major in Biology

Baccalaureate biological science programs are diverse. Some programs emphasize cell and molecular biology, whereas others emphasize organismal, ecological and evolutionary biology. Research universities offer specific programs of study, optional tracks or specializations within biology. Students should decide the direction or specialization within the biological sciences major as early as possible, preferably by the beginning of the sophomore year. Joliet Junior College students are strongly encouraged to complete an Associate in Science (A.S.) degree prior to transfer. The advice of both community college and university biology faculty members is encouraged prior to selection of biology elective courses. To transfer as a junior into a baccalaureate biological sciences program, students must complete a minimum of 60 semester credits including all of the prerequisite science courses listed. For maximum transferability, students are encouraged to complete all general education, supporting science, and biology core courses listed.

Biological Sciences Core required:

BIOL 151 and 152.....	10 s.h.
Select one course from BIOL with advisement*	4-5 s.h.
Biology core total.....	14-15 s.h.

General Education Requirements:

(refer to page 41 for more information)

I. Communication: ENG 101, ENG 102, and SPCH 101 required	9 s.h.
II. Social/Behavioral Sciences: Select 9 s.h. from at least two areas	9 s.h.
III. Humanities/Fine Arts: Take one course from the fine arts, one from humanities and one additional course from either humanities or fine arts	9 s.h.
IV. Physical Sciences: CHEM 101 and 102	10 s.h.
V. Mathematics: MATH 170 or MATH 128.....	4-5 s.h.
Categories I-V total.....	41-42 s.h.

Other Transfer Electives.....7-9 s.h.

Student are strongly encouraged to complete one of the sequences prior to transfer: CHEM 209-210 or PHYS 101-102 or PHYS 201-202.

* Students selecting further coursework in biology should consult an adviser. Field courses in biology/botany and comparative vertebrate anatomy are biology electives that offer reasonable probability of transfer in the major depending upon the student's choice of biology specialization and the baccalaureate school. Courses, such as microbiology and human anatomy and physiology, sometimes will transfer for credit in allied health majors, but most often do not transfer as biology major credit.

Transfer Degree Requirements for the Associate in Arts to Prepare for a Baccalaureate Degree with a Major in Business

Business programs at community colleges and bachelor's degree schools include courses and majors in general business, accounting, finance, marketing, and management. The following recommendations apply to programs in all of these fields. Joliet Junior College students are strongly encouraged to complete an Associate in Arts (A.A.) degree prior to transfer. Further, students should consult closely with an adviser early in their programs if they intend to transfer as juniors into a bachelor's degree program.

Business Core Requirements:

ACCY 101-102	8 s.h.
BUS 205.....	3 s.h.
CIS 124 or 126.....	4 s.h.
BLAW 101	3 s.h.
Business core total	18 s.h.

General Education Requirements:

(see page 40 for more information)

I. Communication: ENG 101, ENG 102, and SPCH 101 required	9 s.h.
II. Social/Behavioral Sciences: Take ECON 103-104 and select one other course in an area other than economics	9 s.h.
III. Humanities/Fine Arts: PHIL 103 strongly recommended and one course from the fine arts required and one additional course from either humanities or fine arts required	9 s.h.
IV. Physical/Life Sciences: Must select one physical science and one life science with at least one lab course	7 s.h.
V. Mathematics: MATH 150 required**	4 s.h.
Categories I - V total.....	38 s.h.

** Some four-year business degrees require MATH 153 in addition to or in place of MATH 150.

Other Transfer Electives..... 8 s.h.

(Note that MATH 131 is a prerequisite to MATH 150 and can be used as four of the additional eight credits required here.) BUS 101 is also a recommended elective. Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree, which will prepare the student for transfer in business.

Transfer Degree Requirements for the Associate in Science to Prepare for a Baccalaureate Degree with a Major in Chemistry

Bachelor's degree programs in chemistry are built on an in-depth foundation of sequential coursework in science and math, while upper-division coursework provides the preparation necessary for graduate studies and/or work in industry. Multiple tracks are often available. For example, some institutions offer a specialty in biochemistry or certification for high school teaching. Students should be aware that because of differences among schools in the number of credits for which various courses are offered and the possible need for prerequisite courses, it may be difficult to complete an Associate in Science degree without taking more credits than will be accepted in transfer. Students planning on a major in chemistry should select courses in consultation with an adviser.

Chemistry Core Requirements:

CHEM 101-102.....	10 s.h.
CHEM 209-210.....	10 s.h.
Chemistry core total.....	20 s.h.

General Education Requirements:

(refer to page 41 for more information)

I. Communication: ENG 101, ENG 102, and SPCH 101 required.....	9 s.h.
II. Social/Behavioral Sciences: Select 9 s.h. from at least two areas.....	9 s.h.
III. Humanities/Fine Arts: Take one course from the fine arts, one from humanities and one additional course from either humanities or fine arts.....	9 s.h.
IV. Physical Sciences: PHYS 201 and 202.....	10 s.h.
V. Mathematics: MATH 170.....	5 s.h.
Categories I-V total.....	42 s.h.

Other Supporting Transfer Courses* (Select MATH 171 (4) and 172 (4) and PHYS 203 (3).....2-11 s.h.

* Although only 64 total semester hours are required for the A.S. degree, some schools require completion of Calculus III and Physics III before students can begin physical chemistry, a third-year course. Please consult with an academic adviser to verify which courses are needed prior to transfer.

Transfer Degree Requirements for the Associate in Arts to Prepare for a Baccalaureate Degree with a Major in Criminal Justice

Joliet Junior College students interested in completing bachelor's degrees in criminal justice and related majors are strongly encouraged to complete an Associate in Arts degree prior to transfer.

Criminal Justice Core Requirements:

LENF 102, 103, and 104.....	9 s.h.
CJS 101.....	3 s.h.
Criminal Justice core total.....	12 s.h.

General Education Requirements:

(refer to page 40 for more information)

I. Communication: ENG 101, ENG 102, and SPCH 101 required.....	9 s.h.
II. Social/Behavioral Sciences: Select courses from at least two different subjects (PSYC 101 and SOC 101 recommended).....	9 s.h.
III. Humanities/Fine Arts: One course from the humanities required and one course from the fine arts required.....	9 s.h.
IV. Physical/Life Sciences: Must select one physical science and one life science with at least one lab course.....	7 s.h.
V. Mathematics: Select one course from approved list.....	3 s.h.
Categories I-V total.....	37 s.h.

Other Transfer Electives..... 15 s.h.

Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree which will prepare the student for transfer in criminal justice.

Transfer Degree Requirements for the Associate in Arts To Prepare for a Baccalaureate Degree with a Major in Criminal Justice Professional

Joliet Junior College students interested in completing bachelor's degrees in the criminal justice professional and related majors are strongly encouraged to complete an Associate in Arts degree prior to transfer.

Criminal Justice Core Requirements:

CRJ 100, 105, 110, 120, 130, 200, 205	21 s.h.
Criminal Justice core total	21 s.h.

General Education Requirements

(refer to page 40 for more information)

I. Communication: ENG 101, ENG 102, and SPCH 101 required	9 s.h.
II. Social/Behavioral Sciences: Select courses from two areas PSYC 101 and SOC 101, and PSCI 101 OR PSCI 102.....	9 s.h.
III. Humanities/Fine Arts: 3 s.h. in Humanities, 3 s.h. in Fine Arts, and 3 s.h. of an IAI Fine Arts class.....	9 s.h.
IV. Physical/Life Sciences: Must select one physical science and one life science (BIO 125 and any IAI Physical Science class recommended)	7 s.h.
V. Mathematics: MATH 127 recommended; or MATH 128, 137, 150, 153, 170, 171, or 172).....	3 s.h.
Categories I-V total.....	37 s.h.

Other Transfer Electives..... 6 s.h.

Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree, which will prepare the student for transfer in criminal justice professional.

Transfer Degree Requirements for the Associate in Science to Prepare for a Baccalaureate Degree with a Major in Engineering

Engineering programs are highly structured to meet the Accreditation Board for Engineering and Technology (A.B.E.T.) standards required for registration as a professional engineer. Before transferring, you are strongly encouraged to complete an approved program of study. To transfer as a junior, you must have 60 to 68 semester credits, including all of the prerequisite courses listed. You are unlikely to earn the bachelor's degree within two more years after transfer if you enter with less than 68 semester credits. You should decide on an engineering specialty and your preferred transfer school by the beginning of your sophomore year since course requirements vary by specialty and by school. Be sure to select your courses in consultation with an engineering adviser. A grade of "C" or better may be required for physics, chemistry, mathematics, and engineering science courses to transfer. A similar policy may exist for general education courses. The student is advised to check directly with his/her preferred transfer school.

Engineering Core Requirements:

MATH 170, 171, 172	13 s.h.
MATH 220	3 s.h.
PHYS 201-202	10 s.h.
CHEM 101-102.....	10 s.h.
CIS 236 and 295.....	8 s.h.
Engineering core total	44 s.h.

Many students may choose to transfer to a four-year institution prior to completing the Associate in Science degree. However, if you wish to complete an A.S. degree prior to transfer, you also must complete the courses listed below.

General Education Requirements:

(refer to page 41 for more information)

I. Communication: ENG 101, ENG 102, and SPCH 101 required	9 s.h.
II. Social/Behavioral Sciences: Select 9 s.h. from at least two areas	9 s.h.**
III. Humanities/Fine Arts: Take one course from the fine arts, one from humanities and one additional course from either humanities or fine arts	9 s.h.**
IV. Physical Sciences: Select one laboratory course in biology. 5 s.h.	
Categories I-IV total	32 s.h.

** Many engineering programs require a sequence of two courses in these areas. Consult with an adviser before making course-scheduling decisions.

Transfer Degree Requirements for the Associate in Arts to Prepare for a Baccalaureate Degree with a Major in English

Bachelor’s degree programs in English generally emphasize the study of literature and literary criticism. Some universities also offer specializations in creative or technical writing and/or programs to prepare students for certification as a high school English teacher. Joliet Junior College students seeking a bachelor’s degree in English are strongly encouraged to complete an Associate in Arts (A.A.) degree prior to transfer.

English Core Requirements (elect up to three courses from):
 ENG 103, 104, 105, 106 9 s.h.

A few universities require a multicultural or human diversity course within the English major. Consult the university to which you intend to transfer and your adviser. Universities with such a requirement will accept either of the following courses: ENG 220 or ENG 260.

A few universities offer a specialization in creative writing. Consult the university to which you intend to transfer and your adviser. Universities offering the creative writing specialization will accept one of the following courses in the creative writing specialization only: ENG 120.

- General Education Requirements:**
(refer to page 40 for more information)
- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
 - II. Social/Behavioral Sciences: Select courses from at least two different subjects 9 s.h.
 - III. Humanities/Fine Arts: At least one course from the humanities required and one course from the fine arts required 9 s.h.
 - IV. Physical/Life Sciences: Must select one physical science and one life science with at least one lab course 7 s.h.
 - V. Mathematics: Select one course from approved list 3 s.h.
- Categories I-V total..... 37 s.h.**

Competency in two college years of a single foreign language is required for most bachelor’s degree programs in English. Generally two high school years of a foreign language equate to one year of college language. Students should pursue credit through the 104 level of a foreign language at JJC. The 104 level of French and Spanish satisfy three credits of Humanities in Category III of General Education.

Other Transfer Electives..... 18 s.h.
 Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree, which will prepare the student for transfer in English. If ENG 220, 260, ENG 120 or foreign language were taken, they would count toward other transfer electives. Students preparing for English education should seek out advice for the best use of other transfer electives.

Transfer Degree Requirements for the Associate in Arts to Prepare for a Baccalaureate Degree with a Major in History

Students wanting to major in history may have a choice of earning a B.A. or a B.S. degree, depending on the school they attend. History majors normally pursue a B.A. degree, but students should consult their advisers on the differences between degrees. A history major also may pursue a program leading to state certification as high school (6-12) history teachers. Joliet Junior College students seeking a bachelor’s degree in history are strongly encouraged to complete an Associate in Arts (A.A.) degree prior to transfer.

History Core Requirements:
 HIST 103, 104..... 6 s.h.
 HIST 105, 106 or 107, 108 6 s.h.
 History core total..... 12 s.h.

Other History Courses:
 Additional history courses (such as third-world or non-Western civilization) may transfer either for history major credit or as general education credit, depending upon the school. Students should select courses in consultation with an adviser.

Related Courses:
 Students who have decided upon a minor field are encouraged to complete one or more courses in the minor. Students planning to seek high school (6-12) teacher certification are encouraged to complete one or more professional education courses. Students should select courses in consultation with an adviser.

- General Education Requirements:**
(refer to page 40 for more information)
- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
 - II. Social/Behavioral Sciences: Select courses from an area other than history 3 s.h.
 - III. Humanities/Fine Arts: At least one course from the humanities required and one course from the fine arts required 9 s.h.
 - IV. Physical/Life Sciences: Must select one physical science and one life science with at least one lab course 7 s.h.
 - V. Mathematics: Select one course from approved list 3 s.h.
- Categories I-V total..... 31 s.h.**

Competency in two college years of a single foreign language is required for most bachelor’s degree programs in history. Generally two high school years of a foreign language equate to one year of college language. Students should pursue credit through the 104 level of a foreign language at JJC. The 104 level of French and Spanish satisfy three credits of Humanities in Category III of General Education.

Other Transfer Electives..... 21 s.h.
 Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree, which will prepare the student for transfer in history. If foreign language courses were taken, they would count toward other transfer electives. Students preparing for history education should seek out advice for the best use of other transfer electives.

TRANSFER

Transfer Degree Requirements for the Associate in Arts to Prepare for a Baccalaureate Degree with a Major in Mass Communication (Advertising/Public Relations)

An advertising/public relations program combines ethical practices with creative strategies in an integrated marketing environment to apply current media practices to organizational mass communication needs.

Advertising/Public Relations Core Requirements:

JOUR 104.....	3 s.h.
Select one or two courses from JOUR 102, 103, or 201.....	3-6 s.h.
Core requirement total	6-9 s.h.

**General Education Requirements:
(refer to page 40 for more information)**

- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
 - II. Social/Behavioral Sciences: Select courses from at least two different subjects..... 9 s.h.
 - III. Humanities/Fine Arts: At least one course from the humanities required and one course from the fine arts required 9 s.h.
 - IV. Physical/Life Sciences: Must select one physical science and one life science with at least one lab course..... 7 s.h.
 - V. Mathematics: Select one course from approved list..... 3 s.h.
- Categories I-V total.....37 s.h.**

Other Transfer Electives.....18-21 s.h.
Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree, which will prepare the student for transfer in mass communication (advertising/public relations).

Transfer Degree Requirements for the Associate in Arts to Prepare for a Baccalaureate Degree with a Major in Mass Communication (Journalism and News Editorial)

This program of study integrates courses in journalism and news editorial and applies current trends and technologies to create a cohesive academic program that meets clearly articulated goals that appropriately describe its scope and mission.

Journalism/News Editorial Core Requirements:

JOUR 102 and 103.....	6 s.h.
JOUR 201.....	3 s.h.
Core requirement total	9 s.h.

**General Education Requirements:
(refer to page 40 for more information)**

- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
 - II. Social/Behavioral Sciences: Select courses from at least two different subjects..... 9 s.h.
 - III. Humanities/Fine Arts: At least one course from the humanities required and one course from the fine arts required 9 s.h.
 - IV. Physical/Life Sciences: Must select one physical science and one life science with at least one lab course..... 7 s.h.
 - V. Mathematics: Select one course from approved list..... 3 s.h.
- Categories I-V total.....37 s.h.**

Other Transfer Electives..... 18 s.h.
Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree, which will prepare the student for transfer in mass communication.

TRANSFER

Transfer Degree Requirements for the Associate in Science to Prepare for a Baccalaureate Degree with a Major in Mathematics

Bachelor’s degree programs in mathematics prepare students with diverse career goals by developing rigorous, logical thinking; an appreciation and familiarity with complex structures and algorithms; and the ability to learn technical material and abstract concepts. Joliet Junior College students seeking a bachelor’s degree in mathematics are strongly encouraged to complete the Associate in Science (A.S.) degree prior to transfer. Since admission is competitive, completing the courses recommended below does not by itself guarantee admission.

Mathematics Core Requirements:

MATH 170, 171, 172	13 s.h.
MATH 210 and 220	6 s.h.
Mathematics core total	19 s.h.

General Education Requirements:

(refer to page 40 for more information)

- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
 - II. Social/Behavioral Sciences: Select 9 s.h. from at least two areas 9 s.h.
 - III. Humanities/Fine Arts: Take one course from the fine arts, one from humanities and one additional course from either humanities or fine arts 9 s.h.
 - IV. Physical/Life Sciences: PHYS 201 recommended and a laboratory life science course 10 s.h.
- Categories I-IV total 37 s.h.**

Other Transfer Electives.....8 s.h.

Additional electives of up to eight semester hours selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Science degree. Note that some additional hours of math and sciences courses still may be needed to complete the A.S. degree, which will prepare the student for transfer in mathematics. CIS 295 is a recommended elective for many mathematics programs.

Transfer Degree Requirements for the Associate in Arts to Prepare for a Baccalaureate Degree with a Major in Music

In order to pursue a B.A., B.F.A. degree in music, or a Bachelor of Music (B.M.), students should complete the Associate in Arts (A.A.) degree with a concentrated set of courses in music at JJC. Transfer admission is competitive. Completion of the A.A. alone does not guarantee admission either to the baccalaureate program or to upper-division or specialty music courses. Students may be required to demonstrate skill level through auditions and placement testing at the institution to which they transfer.

Music Core Requirements:

MUS 105, 106, 110	9 s.h.
MUS 205, 206	8 s.h.
MUS 201, 202	6 s.h.
Ensemble (take one each semester up to 4 credits: select from MUS 150, 152, 155).....	4 s.h.
Applied Instruction (take one each semester for up to 8 credits: select from MUS 120, 121, 122, 123, 124, 125, 126, 127, 220, 221, 222, 223, 224, 225,226,227)	8 s.h.
Music core total*	35 s.h.*

General Education Requirements:

(refer to page 40 for more information)

- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
 - II. Social/Behavioral Sciences: Select courses from at least two different subjects..... 9 s.h.
 - III. Humanities/Fine Arts: At least one course from the humanities and one course from fine arts required 9 s.h.
 - IV. Physical/Life Sciences: Must select one physical science and one life science with at least one lab course..... 7 s.h.
 - V. Mathematics: Select one course from approved list 3 s.h.
- Categories I-V total..... 37 s.h.**

*The program listed here is the best preparation for advanced study in music at a four-year college or university. Please note that JJC requires only 64 credits for an Associate in Arts degree. If you follow the program listed above you will NOT have any elective courses.

You may elect to receive an A.A. degree after completion of the General Education Requirements and 27 of the 35 credits listed under the music core.

TRANSFER

Transfer Degree Requirements for the Associate in Arts to Prepare for a Baccalaureate Degree with a Major in Philosophy

Philosophy Core Requirements:

PHIL 101, 102, 103, 104..... 12 s.h.

General Education Requirements:

(refer to page 40 for more information)

- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
 - II. Social/Behavioral Sciences: Choose courses from at least two areas 9 s.h.
 - III. Humanities/Fine Arts: One course from the fine arts required 3 s.h.
 - IV. Physical/Life Sciences: Must select one physical science and one life science with at least one lab course..... 7 s.h.
 - V. Mathematics: Select one course from approved list 3 s.h.
- Categories I-V total 31 s.h.**

Other Transfer Electives..... 21 s.h.

Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree, which will prepare the student for transfer in philosophy.

Transfer Degree Requirements for the Associate in Science to Prepare for a Baccalaureate Degree with a Major in Physics

Bachelor's degree programs in physics are based on an in-depth foundation of sequential coursework in science and math, while upper-division coursework provides the preparation necessary for graduate studies and/or work in industry. Multiple tracks are often available. For example, some institutions offer a specialty in applied physics or certification for high school teaching. To transfer as a junior into a bachelor's degree physics program, students must complete a minimum of 60 semester credits. Students should be aware that schools differ in their course offerings, number of credits for courses, and course prerequisites; therefore, it may be difficult to complete an Associate in Science degree without taking more credits than will be accepted in a transfer. Students planning on a physics major should select courses in consultation with an adviser.

Physics Core Requirements:

PHYS 201 and 202..... 10 s.h.
 PHYS 203 3 s.h.
 Physics core total 13 s.h.

General Education Requirements:

(refer to page 40 for more information)

- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
 - II. Social/Behavioral Sciences: Select 9 s.h. from at least two areas 9 s.h.
 - III. Humanities/Fine Arts: Take one course from the fine arts, one from humanities and one additional course from either humanities or fine arts 9 s.h.
 - IV. Physical Sciences: Select CHEM 101 and one laboratory course in biology 10 s.h.
 - V. Mathematics: MATH 170 5 s.h.
- Categories I-V total..... 42 s.h.**

Other Supporting Transfer Courses*

(Select MATH 171 (4) and 172 (4) Select CHEM 102 (5) 10 s.h.

* Although only 64 total semester hours are required for the A.S. degree, some schools require completion of Calculus III and Chemistry before students can begin junior-level courses. Consult with an academic adviser to verify which courses are needed prior to transfer. Some schools also may require completion of one or more of these courses before students begin junior-year required courses: MATH 210, MATH 220, and CIS 295. Select with the assistance of an adviser.

Transfer Degree Requirements for the Associate in Arts to Prepare for a Baccalaureate Degree with a Major in Political Science

Political science is the study of the theory and practice of government and politics. Students of politics describe and analyze political systems and behavior. Baccalaureate programs offer courses in areas, such as public administration, public law, international relations, comparative politics, political behavior, political philosophy, and U.S. government. Joliet Junior College students seeking a bachelor’s degree in political science are strongly encouraged to complete an Associate in Arts (A.A.) degree prior to transfer. Since admission is competitive, completing the courses recommended below does not by itself guarantee admission.

Political Science Core Requirements:

PSCI 101, 102, 103 9 s.h.

General Education Requirements: (refer to page 40 for more information)

- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
 - II. Social/Behavioral Sciences: Select courses from an area other than political science 3 s.h.
 - III. Humanities/Fine Arts: At least one course from the humanities required and one course from the fine arts required 9 s.h.
 - IV. Physical/Life Sciences: Must select one physical science and one life science with at least one lab course 7 s.h.
 - V. Mathematics: Select one course from approved list 3 s.h.
- Categories I-V total..... 31 s.h.**

Other Transfer Electives..... 24 s.h.

Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree, which will prepare the student for transfer in political science. Students planning a pre-law curriculum should seek out proper advising concerning minors and other courses that might enhance their academic record.

Transfer Degree Requirements for the Associate in Arts to Prepare for a Baccalaureate Degree with a Major in Psychology

Psychology is the scientific study of human and animal behavior and the biological and mental processes that underlie behavior. Freshmen and sophomores who plan to major in psychology are encouraged to complete additional foundation courses in science and math for the four-year institution to which they plan to transfer and to minimize the number of elective psychology courses taken. Joliet Junior College students seeking a bachelor’s degree in psychology are strongly encouraged to complete an Associate in Arts (A.A.) degree prior to transfer. Since admission is competitive, completing the courses recommended below does not by itself guarantee admission.

Psychology Core Requirements:

PSYC 101..... 3 s.h.
 PSYC 210 or 215 or 250..... 3 s.h.
 PSYC electives (up to a max. of two courses from PSYC 205, 206, 207, 208) 6 s.h.
 Psychology core total..... 12 s.h.

General Education Requirements: (refer to page 40 for more information)

- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
 - II. Social/Behavioral Sciences: Select courses from an area other than psychology 3 s.h.
 - III. Humanities/Fine Arts: At least one course from the humanities required and one course from the fine arts required 9 s.h.
 - IV. Physical/Life Sciences: Must select one physical science and one life science with at least one lab course 7 s.h.
 - V. Mathematics: Select one course from approved list (most universities prefer MATH 128 or 170) 3 s.h.
- Categories I-V total..... 31 s.h.**

Other Transfer Electives..... 21 s.h.

Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree, which will prepare the student for transfer in psychology. Students are strongly encouraged to seek out information from four-year psychology programs regarding additional science and mathematics courses that will better facilitate their transfer.

Transfer Degree Requirements for the Associate in Arts to Prepare for a Baccalaureate Degree with a Major in Sociology

Sociology is the study of the structure and dynamics of human society and is excellent preparation for careers in human services and with many governmental and business organizations. Joliet Junior College students seeking a bachelor's degree in sociology are strongly encouraged to complete an Associate in Arts (A.A.) degree prior to transfer.

Sociology Core Requirements:

SOC 101	3 s.h.
SOC electives (up to a max. of three courses from SOC 220, 270, 280, 290, 293)	9 s.h.
Sociology core total	12 s.h.

General Education Requirements:

(refer to page 40 for more information)

- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
- II. Social/Behavioral Sciences: Select courses from an area other than sociology (ANTH 101 or 275 encouraged) 3 s.h.
- III. Humanities/Fine Arts: At least one course from the humanities required and one course from the fine arts required 9 s.h.
- IV. Physical/Life Sciences: Must select one physical science and one life science with at least one lab course 7 s.h.
- V. Mathematics: Select one course from approved list (most universities prefer MATH 128 or 153) 3 s.h.

Categories I-V total 31 s.h.

Other Transfer Electives 21 s.h.

Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree, which will prepare the student for transfer in sociology.

Transfer Degree Requirements for the Associate in Arts Speech Communication

Speech communication is excellent preparation for many careers in business and industry. Speech is often the primary or second major for students pursuing careers in the media, public relations, theater, politics, and law. Joliet Junior College students seeking a bachelor's degree in speech communication are strongly encouraged to complete an Associate in Arts (A.A.) degree prior to transfer.

Speech Core Requirements:

SPCH 101	3 s.h.
SPCH electives (select up to three courses from SPCH 102, 106, 131, 202)	9 s.h.
Speech core total	12 s.h.

General Education Requirements:

(refer to page 40 for more information)

- I. Communication: ENG 101, ENG 102 required 6 s.h.
- II. Social/Behavioral Sciences: Select courses from at least two different areas 9 s.h.
- III. Humanities/Fine Arts: One course from the humanities required and one course from the fine arts required 9 s.h.
- IV. Physical/Life Sciences: Must select one physical science and one life science with at least one lab course 7 s.h.
- V. Mathematics: Select one course from approved list 3 s.h.

Categories I-V total 34 s.h.

Other Transfer Electives 18 s.h.

Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree, which will prepare the student for transfer in speech communication.

Transfer Degree Requirements for the Associate in Arts to Prepare for a Baccalaureate Degree in Teacher Education

To teach in Illinois public schools, teachers must be certified by the state of Illinois. To transfer into a baccalaureate program in education as a junior, students must complete an Associate in Arts degree program at Joliet Junior College. Admission to university teacher preparation programs is competitive; completion of the recommended courses does not guarantee acceptance into a program. Students must pass the Illinois Basic Skills Test, which includes reading, writing, grammar, and math as a university requirement for program admission. Students should consult an education adviser early and often. Currently, teacher education programs at colleges and universities throughout the state are based on the Illinois professional education standards. These standards are the result of more than four years of collaborative work by hundreds of educators and citizens. They define the knowledge and skills teachers must demonstrate in their coursework and profession. Details regarding standards for teacher education students can be found on the Illinois State Board of Education Web site at www.isbe.net.

Professional Preparation and Recruitment:

The Illinois Articulation Initiative’s Education Panel has made every effort to adopt a course recommendation that aligns with the standards approach used throughout the state. Specific information about the standards addressed in each course is available at all participating institutions.

Professional Education Core Requirements:

EDUC 100, EDUC 240, PSYC 102.....	9 s.h.
Clinical Experience (EDUC 251)	3 s.h.
Education core total	12 s.h.

General Education Requirements: (refer to page 40 for more information)

- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
 - II. Social/Behavioral Sciences: PSYC 101 plus two other courses with at least one courses from an area other than PSYC..... 9 s.h.
 - III. Humanities/Fine Arts: One course from the fine arts required 3 s.h.
 - IV. Physical/Life Sciences: Must select one physical science and one life science with at least one lab course 7 s.h.
 - V. Mathematics: Select with adviser’s assistance 3 s.h.
- Categories I-V total..... 31 s.h.**

Other Transfer Electives..... 21 s.h.
Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree. Students are strongly encouraged to seek out the assistance of the education adviser when making selections.

Transfer Degree Requirements for the Associate in Arts to Prepare for a Baccalaureate Degree with a Major in Theater

The theater program blends scholarship and practice into an academically based theater experience. The theater curriculum and related activities will begin preparing students for careers in professional, educational, and community theater as well as establishing a solid foundation for other related fields of study. Joliet Junior College students seeking a bachelor’s degree in theater are strongly encouraged to complete an Associate of Arts (A.A.) degree prior to transfer.

Theater Core:

Select theater courses from THEA 102, 103, 104, 106, 108, 110, 114, 203 up to the maximum hours permitted by transfer institution (usually 19 credits)..... 19 s.h.

General Education Requirements: (refer to page 40 for more information)

- I. Communication: ENG 101, ENG 102, and SPCH 101 required 9 s.h.
 - II. Social/Behavioral Sciences: Select courses from at least two different areas 9 s.h.
 - III. Humanities/Fine Arts: THEA 101 recommended. One course from fine arts required and one additional course from fine arts or humanities required 9 s.h.
 - IV. Physical/Life Sciences: Must select one physical science and one life science with at least one lab course 7 s.h.
 - V. Mathematics: Select with adviser’s assistance 3 s.h.
- Categories I-V total..... 37 s.h.**

Other Transfer Electives..... 8 s.h.
Additional electives selected from pages 42-45 will be required to earn the 64 semester hours required for an Associate in Arts degree, which will prepare the student for transfer in theater. Recommended electives include THEA 105 and THEA 201.

TRANSFER