

Associate of Science

The associate of science degree from JCCC

- is designed as a professional-oriented degree for transfer to another college or university to support progress toward earning a bachelors degree.
- requires a minimum of 60 college-level credit hours with a 2.0 or higher GPA.
- requires the completion of a cultural diversity course from a list of approved courses. Some courses in the approved list will also meet humanities, social science or non-lab science requirements for this degree.

The total program hours necessary to complete the associate of science degree include 33 credit hours of general education requirements plus a minimum of 27 additional credit hours of electives. Please refer to your specific degree for a list of all requirements.

General Education Area	Credit Hours
Communications, Associate of Science	9
These courses fulfill the communication skills requirements for the Associate of Science (AS) degree.	
A. Communications	
ENGL 121 Composition I*	3
B. Communications Elective	
Select two from the following:	6
BUS 150 Business Communications*	
COMS 120 Interpersonal Communication	
COMS 121 Public Speaking	
COMS 125 Personal Communication	
COMS 180 Intercultural Communication (Also meets the Cultural Diversity Requirement)	
ENGL 122 Composition II*	
ENGL 123 Technical Writing I*	
ENGL 140 Writing for Interactive Media*	
Total Credit Hours	9
Humanities, Associate of Science	6
These courses fulfill the humanities requirements for the Associate of Science (AS) degree.	
Two courses from any of the following categories may count toward the six required hours.	
A. Literature/Theater	
ENGL 130 Introduction to Literature*	3
ENGL 214 Environmental Literature*	3
ENGL 215 U.S. Latino and Latina Literature* (Also meets the Cultural Diversity Requirement)	3
ENGL 217 Literature by Women* (Also meets the Cultural Diversity Requirement)	3
ENGL 227 Introduction to Poetry*	3
ENGL 230 Introduction to Fiction*	3
ENGL 235 Drama as Literature*	3
ENGL 236 British Literature to 1800*	3
ENGL 237 British Literature after 1800*	3
ENGL 246 American Literature I*	3
ENGL 247 American Literature II*	3
ENGL 254 Masterpieces of the Cinema*	3
THEA 120 Introduction to Theater	3
B. Foreign Language	
FL 182 Intermediate Japanese I*	5
FL 192 Intermediate Chinese I*	3
FL 193 Intermediate Chinese II*	3
FL 220 Intermediate German I*	3
FL 221 Intermediate German II*	3
FL 230 Intermediate Spanish I*	3
FL 231 Intermediate Spanish II*	3

FL 240	Intermediate French I*	3
FL 241	Intermediate French II*	3
C. History		
HIST 125	Western Civilization: Ancient World to the Renaissance	3
HIST 126	Western Civilization: Scientific Revolution to the Modern Age	3
HIST 128	Medieval History	3
HIST 129	Early Modern Europe 1500-1789	3
HIST 130	European History Since 1789	3
HIST 135	Eastern Civilization (Also meets the Cultural Diversity Requirement)	3
HIST 137	African American Studies (Also meets the Cultural Diversity Requirement)	3
HIST 140	U.S. History to 1877	3
HIST 141	U.S. History Since 1877	3
HIST 151	World History: Traditional (Also meets the Cultural Diversity Requirement)	3
HIST 152	World History: Modern (Also meets the Cultural Diversity Requirement)	3
HIST 160	Modern Russian History (Also meets the Cultural Diversity Requirement)	3
HIST 162	Modern Latin America (Also meets the Cultural Diversity Requirement)	3
HIST 260	Women in U.S. History (Also meets the Cultural Diversity Requirement)	3
D. Humanities		
ARTH 180	Art History: Ancient to Medieval (Also meets the Cultural Diversity Requirement)	3
ARTH 182	Art History: Renaissance to Modern	3
ARTH 184	Art History: Twentieth Century	3
ARTH 188	History of Photography	3
ARTH 200	Women, Art, and Society (Also meets the Cultural Diversity Requirement)	3
HUM 122	Introduction to Humanities	3
HUM 145	Introduction to World Humanities I (Also meets the Cultural Diversity Requirement)	3
HUM 146	Introduction to World Humanities II (Also meets the Cultural Diversity Requirement)	3
HUM 155	Classical Mythology	3
HUM 156	Contemporary Approaches to World Mythology	3
HUM 165	Introduction to Chinese Culture	3
HUM 167	Introduction to Japanese Culture (Also meets the Cultural Diversity Requirement)	3
JOUR 120	Mass Media and Society	3
MUS 121	Introduction to Music Listening	3
MUS 125	Introduction to Jazz Listening	3
MUS 126	Introduction to World Music (Also meets the Cultural Diversity Requirement)	3
MUS 128	History of Rock and Roll Music (Also meets the Cultural Diversity Requirement)	3
REL 120	Exploring World Religions (Also meets the Cultural Diversity Requirement)	3
REL 125	Religions of the East (Also meets the Cultural Diversity Requirement)	3
REL 126	Religions of the West (Also meets the Cultural Diversity Requirement)	3
E. Philosophy		
PHIL 121	Introduction to Philosophy	3
PHIL 124	Logic and Critical Thinking	3
PHIL 128	Environmental Ethics	3
PHIL 143	Ethics	3
PHIL 154	History of Ancient Philosophy	3
PHIL 176	Philosophy of Religion	3
Total Credit Hours		6

Social Science and Economics, Associate of Science 6

These courses fulfill the social science/economics requirements for the Associate of Science (AS) degree.

Two courses from any of the following categories may count toward the six required hours.

A. Anthropology

ANTH 125	Cultural Anthropology (Also meets the Cultural Diversity Requirement)	3
ANTH 126	Physical Anthropology	3

ANTH 130	World Cultures (Also meets the Cultural Diversity Requirement)	3
ANTH 142	World Prehistory (Also meets the Cultural Diversity Requirement)	3
ANTH 165	Linguistic Anthropology (Also meets the Cultural Diversity Requirement)	3
B. Economics		
ECON 132	Survey of Economics	3
ECON 230	Principles of Macroeconomics	3
ECON 231	Principles of Microeconomics	3
C. Political Science		
POLS 122	Political Science	3
POLS 124	American National Government	3
POLS 126	State and Local Government	3
POLS 132	Introduction to Comparative Government (Also meets the Cultural Diversity Requirement)	3
POLS 135	International Relations (Also meets the Cultural Diversity Requirement)	3
POLS 175	Environmental Policy and Law	3
POLS 192	Political Theory (Also meets the Cultural Diversity Requirement)	3
POLS 220	Introduction to Public Policy	3
D. Psychology		
PSYC 121	Applied Psychology	3
PSYC 130	Introduction to Psychology	3
E. Sociology		
SOC 122	Introduction to Sociology (Also meets the Cultural Diversity Requirement)	3
SOC 125	Social Problems (Also meets the Cultural Diversity Requirement)	3
SOC 131	Sociology of Families	3
F. Gender and Ethnic Studies		
WGS 201	Global Women's Studies (Also meets the Cultural Diversity Requirement)	3
Total Credit Hours		6

Science and Mathematics, Associate of Science 12

These courses fulfill the science and mathematics requirements for the Associate of Science (AS) degree.

Must include at least one course in mathematics and at least one in a lab science.

A. Mathematics

MATH 171	College Algebra*	3
MATH 172	Trigonometry*	3
MATH 173	Precalculus*	5
MATH 175	Discrete Mathematics and its Applications*	3
MATH 181	Statistics*	3
MATH 231	Business and Applied Calculus I*	3
MATH 232	Business and Applied Calculus II*	3
MATH 241	Calculus I*	5
MATH 242	Calculus II*	5
MATH 243	Calculus III*	5
MATH 254	Differential Equations*	4
MATH 285	Statistics for Business*	4

B. Science

(Life Science)

BIOL 121	Introductory Biology for Non-Majors	4
BIOL 125	General Botany	5
BIOL 127	General Zoology	5
BIOL 135	Principles of Cell and Molecular Biology	4
BIOL 140	Human Anatomy	4
BIOL 144	Human Anatomy and Physiology*	5
BIOL 150	Biology of Organisms*	5
BIOL 225	Human Physiology*	4

BIOL 230	Microbiology*	3
BIOL 231	Microbiology Lab*	2
(Physical Science)		
ASTR 120	Fundamentals of Astronomy	3
ASTR 122	Astronomy	4
CHEM 120	Chemistry in Society*	4
CHEM 122	Principles of Chemistry*	5
CHEM 124	General Chemistry I Lecture*	4
CHEM 125	General Chemistry I Lab*	1
CHEM 131	General Chemistry II Lecture*	4
CHEM 132	General Chemistry II Lab*	1
CHEM 140	Principles of Organic & Biological Chemistry*	5
EVRN 124	Oceanus: Essentials of Oceanography	3
EVRN 130	Environmental Science	3
EVRN 131	Environmental Science Lab*	1
EVRN 134	Principles of Sustainability	3
GEOS 130	General Geology	5
GEOS 140	Physical Geography	3
GEOS 141	Physical Geography Lab*	2
GEOS 145	World Regional Geography (Also meets the Cultural Diversity Requirement)	3
PHYS 130	College Physics I*	5
PHYS 131	College Physics II*	5
PHYS 220	Engineering Physics I*	5
PHYS 221	Engineering Physics II*	5
PSCI 120	Physical Science	4
Total Credit Hours		12

Cultural Diversity, Associate of Science

1 course

These courses fulfill the cultural diversity requirements for the Associate of Science (AS) degree.

Cultural Diversity Courses

ANTH 125	Cultural Anthropology (Also meets a General Education Requirement)	3
ANTH 130	World Cultures (Also meets a General Education Requirement)	3
ANTH 134	Native Americans	3
ANTH 135	American Indian Art	3
ANTH 142	World Prehistory (Also meets a General Education Requirement)	3
ANTH 150	People and Cultures of Mesoamerica	3
ANTH 153	The Anthropology of the Paranormal & Supernatural	3
ANTH 165	Linguistic Anthropology (Also meets a General Education Requirement)	3
ARTH 180	Art History: Ancient to Medieval	3
ARTH 186	Art History: Introduction to Asian Art	3
ARTH 200	Women, Art, and Society (Also meets a General Education Requirement)	3
BIOL 132	Introduction to Public Health	3
BUS 235	Introduction to International Business	3
CJ 223	The World of Crime*	3
COMS 180	Intercultural Communication (Also meets a General Education Requirement)	3
EDUC 221	Diversity, Equity and Inclusion for K-12 Educators	3
ENGL 215	U.S. Latino and Latina Literature* (Also meets a General Education Requirement)	3
ENGL 217	Literature by Women* (Also meets a General Education Requirement)	3
ENGL 232	Children's Literature*	3
ENGL 244	Literature of American Popular Music*	3
FMS 100	Intro to Film	3
FMS 200	Intro to Filmmaking and Media Aesthetics	3
GEOS 145	World Regional Geography	3

GIST 101	Study Abroad Reflections*	1-3
GIST 250	Introduction to Globalization	3
HC 125	International Awareness Field Study	2
HIST 135	Eastern Civilization (Also meets a General Education Requirement)	3
HIST 137	African American Studies (Also meets a General Education Requirement)	3
HIST 150	Islam: Religion and Civilization	3
HIST 151	World History: Traditional (Also meets a General Education Requirement)	3
HIST 152	World History: Modern (Also meets a General Education Requirement)	3
HIST 160	Modern Russian History (Also meets a General Education Requirement)	3
HIST 162	Modern Latin America (Also meets a General Education Requirement)	3
HIST 167	Introduction to History: Japan	3
HIST 180	North American Indian History	3
HIST 195	History of the Middle East	3
HIST 260	Women in U.S. History (Also meets a General Education Requirement)	3
HPER 251	Sport and Society	3
HUM 137	Introduction to Russian Culture	3
HUM 145	Introduction to World Humanities I (Also meets a General Education Requirement)	3
HUM 146	Introduction to World Humanities II (Also meets a General Education Requirement)	3
HUM 150	Islam: Religion & Civilization	3
HUM 156	Contemporary Approaches to World Mythology	3
HUM 167	Introduction to Japanese Culture (Also meets a General Education Requirement)	3
JOUR 220	International Media	3
MUS 126	Introduction to World Music (Also meets a General Education Requirement)	3
MUS 128	History of Rock and Roll Music	3
PHIL 142	History of Asian Philosophy	3
PHIL 177	Feminist Theory	3
PHOT 200	Foundations in Photography	3
POLS 132	Introduction to Comparative Government (Also meets a General Education Requirement)	3
POLS 135	International Relations (Also meets a General Education Requirement)	3
POLS 192	Political Theory (Also meets a General Education requirement)	3
POLS 200	Model United Nations	3
PSYC 205	Human Sexuality*	3
PSYC 220	Social Psychology*	3
REL 120	Exploring World Religions (Also meets a General Education Requirement)	3
REL 125	Religions of the East (Also meets a General Education Requirement)	3
REL 126	Religions of the West (Also meets a General Education Requirement)	3
REL 150	Islam: Religion & Civilization	3
SOC 122	Introduction to Sociology (Also meets a General Education Requirement)	3
SOC 125	Social Problems (Also meets a General Education Requirement)	3
SOC 146	Introduction to Social Work and Social Welfare	3
SOC 165	Contemporary Chinese Society	3
SOC 240	Sociology of Community	3
SOC 270	Men and Masculinities	3
WGS 201	Global Women's Studies	3
WGS 220	The Many Women of Islam	3

Total Hours: 33

*Course has prerequisites