

ASSOCIATE IN SCIENCE DEGREE

Program Code: A10400

The Associate in Science degree shall be granted for a planned program of study consisting of a minimum of 60 semester hours of credit (SHC) of college transfer courses. Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic computer use.

The Comprehensive Articulation Agreement (CAA) and the Independent Comprehensive Articulation Agreement (ICAA) enables North Carolina community college graduates of two-year associate in science programs who are admitted to constituent institutions of The University of North Carolina and to Signatory Institutions of North Carolina Independent Colleges and Universities to transfer with junior status.

Community college graduates must obtain a grade of "C" or better in each course and an overall GPA of at least 2.0 on a 4.0 scale in order to transfer with a junior status. Courses may also transfer through bilateral agreements between institutions.

General Education Requirements

Code	Title	Hours
English Composition		
ENG-111	Writing and Inquiry	3
ENG-112	Writing and Research in the Disciplines	3
Humanities/Fine Arts/Communication ¹		
Select two of the following:		6
COM-120	Introduction to Interpersonal Communication	
COM-231	Public Speaking	
ART-111	Art Appreciation	
ART-114	Art History Survey I	
ART-115	Art History Survey II	
ENG-231	American Literature I	
ENG-232	American Literature II	
ENG-241	British Literature I	
ENG-242	British Literature II	
MUS-110	Music Appreciation	
MUS-112	Introduction to Jazz	
PHI-215	Philosophical Issues	
PHI-240	Introduction to Ethics	
DRA-111	Theatre Appreciation	
Social/Behavioral Sciences ¹		
Select two of the following:		6
ECO-251	Principles of Microeconomics	
ECO-252	Principles of Macroeconomics	
HIS-111	World Civilizations I	
HIS-112	World Civilizations II	
HIS-131	American History I	
HIS-132	American History II	
POL-120	American Government	
PSY-150	General Psychology	

SOC-210	Introduction to Sociology	
Math		
Select two of the following:		8
MAT-171	Precalculus Algebra	
MAT-172	Precalculus Trigonometry	
MAT-263	Brief Calculus	
MAT-175	Precalculus	
MAT-271	Calculus I	
MAT-272	Calculus II	
Natural Science		
Select one of the following groups:		8
Group 1:		
CHM-151	General Chemistry I	
CHM-152	General Chemistry II	
Group 2:		
PHY-151	College Physics I	
PHY-152	College Physics II	
Group 3:		
PHY-251	General Physics I	
PHY-252	General Physics II	
Group 4:		
AST-151	General Astronomy I	
AST-151A	General Astronomy I Lab	
BIO-110	Principles of Biology	
Group 5:		
AST-151	General Astronomy I	
AST-151A	General Astronomy I Lab	
GEL-111	Geology	
Group 6:		
AST-151	General Astronomy I	
AST-151A	General Astronomy I Lab	
PHY-110	Conceptual Physics	
PHY-110A	Conceptual Physics Lab	
Group 7:		
BIO-111	General Biology I	
BIO-112	General Biology II	
Group 8:		
BIO-110	Principles of Biology	
GEL-111	Geology	
Group 9:		
BIO-110	Principles of Biology	
PHY-110	Conceptual Physics	
PHY-110A	Conceptual Physics Lab	
Group 10:		
GEL-111	Geology	
PHY-110	Conceptual Physics	
PHY-110A	Conceptual Physics Lab	
Additional Gen. Ed.		
Select eleven credits of the following:		11
ART-111	Art Appreciation	
ART-114	Art History Survey I	
ART-115	Art History Survey II	

ASL-111	Elementary ASL I	PHY-110	Conceptual Physics
ASL-112	Elementary ASL II	PHY-110A	Conceptual Physics Lab
AST-111	Descriptive Astronomy	PHY-151	College Physics I
AST-111A	Descriptive Astronomy Lab	PHY-152	College Physics II
AST-151	General Astronomy I	PHY-251	General Physics I
AST-151A	General Astronomy I Lab	PHY-252	General Physics II
BIO-110	Principles of Biology	POL-120	American Government
BIO-111	General Biology I	PSY-150	General Psychology
BIO-112	General Biology II	PSY-237	Social Psychology
BIO-140	Environmental Biology	PSY-239	Psychology of Personality
BIO-140A	Environmental Biology Lab	PSY-241	Developmental Psychology
CHM-131	Introduction to Chemistry	PSY-281	Abnormal Psychology
CHM-131A	Introduction to Chemistry Lab	REL-110	World Religions
CHM-151	General Chemistry I	REL-211	Introduction to Old Testament
CHM-152	General Chemistry II	REL-212	Introduction to New Testament
CIS-110	Introduction to Computers	SOC-210	Introduction to Sociology
CIS-115	Introduction to Programming and Logic	SOC-213	Sociology of the Family
COM-110	Introduction to Communication	SOC-220	Social Problems
COM-120	Introduction to Interpersonal Communication	SOC-225	Social Diversity
COM-231	Public Speaking	SPA-111	Elementary Spanish I
DRA-111	Theatre Appreciation	SPA-112	Elementary Spanish II
ECO-251	Principles of Microeconomics	SPA-211	Intermediate Spanish I
ECO-252	Principles of Macroeconomics	SPA-212	Intermediate Spanish II
ENG-114	Professional Research & Reporting		
ENG-231	American Literature I	Other Required Hours	
ENG-232	American Literature II	Select fourteen credits of the following:	14
ENG-233	Major American Writers	ART-111	Art Appreciation
ENG-241	British Literature I	ART-114	Art History Survey I
ENG-242	British Literature II	ART-115	Art History Survey II
ENG-243	Major British Writers	ASL-111	Elementary ASL I
GEL-111	Geology	ASL-112	Elementary ASL II
GEO-111	World Regional Geography	ASL-211	Intermediate ASL I
HIS-111	World Civilizations I	ASL-212	Intermediate ASL II
HIS-112	World Civilizations II	AST-111	Descriptive Astronomy
HIS-131	American History I	AST-111A	Descriptive Astronomy Lab
HIS-132	American History II	AST-151	General Astronomy I
HUM-110	Technology and Society	AST-151A	General Astronomy I Lab
HUM-115	Critical Thinking	BIO-110	Principles of Biology
HUM-120	Cultural Studies	BIO-111	General Biology I
HUM-160	Introduction to Film	BIO-112	General Biology II
MAT-143	Quantitative Literacy	BIO-140	Environmental Biology
MAT-152	Statistical Methods I	BIO-140A	Environmental Biology Lab
MAT-171	Precalculus Algebra	CHM-131	Introduction to Chemistry
MAT-172	Precalculus Trigonometry	CHM-131A	Introduction to Chemistry Lab
MAT-263	Brief Calculus	CHM-151	General Chemistry I
MAT-271	Calculus I	CHM-152	General Chemistry II
MAT-272	Calculus II	CIS-110	Introduction to Computers
MAT-273	Calculus III	CIS-115	Introduction to Programming and Logic
MUS-110	Music Appreciation	COM-110	Introduction to Communication
MUS-112	Introduction to Jazz	COM-120	Introduction to Interpersonal Communication
PHI-215	Philosophical Issues	COM-231	Public Speaking
PHI-240	Introduction to Ethics	DRA-111	Theatre Appreciation
		ECO-251	Principles of Microeconomics

ECO-252	Principles of Macroeconomics	SPA-212	Intermediate Spanish II
ENG-114	Professional Research & Reporting	ACC-120	Principles of Financial Accounting
ENG-231	American Literature I	ACC-121	Principles of Managerial Accounting
ENG-232	American Literature II	BIO-163	Basic Anatomy & Physiology
ENG-233	Major American Writers	BIO-168	Anatomy and Physiology I
ENG-241	British Literature I	BIO-169	Anatomy and Physiology II
ENG-243	Major British Writers	BIO-175	General Microbiology
ENG-242	British Literature II	BIO-275	Microbiology
GEL-111	Geology	BUS-110	Introduction to Business
GEO-111	World Regional Geography	BUS-115	Business Law I
HIS-111	World Civilizations I	BUS-137	Principles of Management
HIS-112	World Civilizations II	CHM-251	Organic Chemistry I
HIS-131	American History I	CHM-252	Organic Chemistry II
HIS-132	American History II	CJC-111	Introduction to Criminal Justice
HUM-110	Technology and Society	CJC-141	Corrections
HUM-115	Critical Thinking	CSC-120	Computing Fundamentals I
HUM-120	Cultural Studies	CSC-130	Computing Fundamentals II
HUM-160	Introduction to Film	CSC-134	C++ Programming
MAT-143	Quantitative Literacy	CSC-139	Visual BASIC Programming
MAT-152	Statistical Methods I	CSC-151	JAVA Programming
MAT-171	Precalculus Algebra	CSC-239	Advanced Visual BASIC Programming
MAT-172	Precalculus Trigonometry	CTS-115	Information Systems Business Concepts
MAT-263	Brief Calculus	CSC-249	Data Structure & Algorithms
MAT-271	Calculus I	ENG-125	Creative Writing I
MAT-272	Calculus II	ENG-274	Literature by Women
MAT-273	Calculus III	ENG-275	Science Fiction
MUS-110	Music Appreciation	HEA-110	Personal Health/Wellness
MUS-112	Introduction to Jazz	HIS-236	North Carolina History
PHI-215	Philosophical Issues	MAT-280	Linear Algebra
PHI-240	Introduction to Ethics	MAT-285	Differential Equations
PHY-110	Conceptual Physics	PED-110	Fit and Well for Life
PHY-110A	Conceptual Physics Lab	PED-113	Aerobics I
PHY-151	College Physics I	PED-117	Weight Training I
PHY-152	College Physics II	PED-119	Circuit Training
PHY-251	General Physics I	PED-120	Walking for Fitness
PHY-252	General Physics II	PED-122	Yoga I
POL-120	American Government	PED-172	Outdoor Living
PSY-150	General Psychology	PSY-263	Educational Psychology
PSY-237	Social Psychology	SPA-141	Culture and Civilization
PSY-239	Psychology of Personality	SPA-161	Cultural Immersion
PSY-241	Developmental Psychology	SPA-181	Spanish Lab 1
PSY-281	Abnormal Psychology	SPA-182	Spanish Lab 2
REL-110	World Religions	HIS-162	Women and History
REL-211	Introduction to Old Testament	EDU-216	Foundations of Education
REL-212	Introduction to New Testament	EDU-131	Child, Family, and Community
SOC-210	Introduction to Sociology	EGR-150	Introduction to Engineering
SOC-213	Sociology of the Family	BIO-155	Nutrition
SOC-220	Social Problems	HEA-112	First Aid & CPR
SOC-225	Social Diversity	ENG-273	African-American Literature
SPA-111	Elementary Spanish I	COM-140	Introduction to Intercultural Communication
SPA-112	Elementary Spanish II	DFT-170	Engineering Graphics
SPA-211	Intermediate Spanish I	HUM-230	Leadership Development

4 Associate in Science Degree

CJC-113	Juvenile Justice	
CJC-121	Law Enforcement Operations	
CJC-212	Ethics & Community Relations	
HEA-120	Community Health	
College Transfer Success		
ACA-122	College Transfer Success	1
Total Hours		60

¹ Minimum 2 subjects

Transfer