

Programs of Study

Colorado Northwestern has developed suggested Programs of Study to guide students in a particular major field of study. Students who complete the suggested program will receive an Associate of Arts or Associate of Science degree.

Associate of Arts in Liberal Arts..... 35

Suggested Programs of Study

Allied Health	36
Art.....	37
Business Administration	38
Education	39
English/Literature	40
History	41
Music.....	42
Physical Education	43
Political Science	44
Psychology.....	45
Sociology.....	46

Associate of Science in General Science 47

Suggested Programs of Study

Computer Science.....	48
Medical Emphasis	49

CNCC Philosophy of General Education

General education at Colorado Northwestern Community College seeks to assist students in obtaining the knowledge, skills, and attitudes which enhance quality of life and the ability to function effectively in an ever-changing society. To meet this goal, all CNCC students, vocational and liberal arts, full-time and part-time, are provided with a variety of educational experiences, both within and outside the classroom.

CNCC emphasizes two general education outcomes for every student:

- 1) To equip students with skills necessary for creative problem solving, critical thinking, and analysis of values, and
- 2) To equip students with the communication skills necessary for effective listening, speaking, reading, and writing.

ASSOCIATE OF SCIENCE COMPUTER SCIENCE

PROGRAM WORKSHEET AND SUGGESTED PROGRAM OF STUDY

Required Credits	<u>GENERAL EDUCATION CORE – 39 credits</u>	<u>Course Number</u>	<u>Transfer Credits</u>	<u>Credit Hours Completed</u>	<u>Grade</u>
9	<u>COMMUNICATIONS</u> English Composition I English Composition II **Public Speaking 115 or SPE 125 (*This requirement is a Colorado Community College System requirement and is in addition to the State Guaranteed General Education Transfer Courses.)	ENG 121 ENG 122 SPE ____	_____ _____ _____	_____ _____ _____	_____ _____ _____
9	<u>ARTS AND HUMANITIES (Select 3 courses with no more than 2 courses from any single category):</u> ARTS: ART 110, 111, 112, 207; MUS 120, 121, 122; THE 105, 211, 212; LIT/HUM: HUM 121, 122, 123; LIT 115, 201, 202, 205, 211, 212, 221, 222; WAYS OF THINKING: PHI 111, 112, 113, 114, 214 FOREIGN LANGUAGES: FRE/GER/ITA/JPN/RUS/SPA 211, 212	_____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____
3	<u>MATHEMATICS (select 3 credits minimum)</u> MAT 121, 125, 201, 202	MAT ____	_____	_____	_____
9	<u>SOCIAL/BEHAVIORAL SCIENCES (Select 3 courses—one must be HIS—with no more than 2 courses from any single category):</u> HIS: HIS 101, 102, 111, 112, 201, 202, 247; GEO: GEO 105, 106; ECONOMICS & POLITICAL SYSTEMS: ECO 201, 202, 245; POS 105, 111, 205, 225; HUM. BEHAVIOR & SOC. SYSTEMS: ANT 101,111; PSY 101, 102, 205, 226, 227, 235, 238; SOC 101, 102, 215, 216, 231,	HIS ____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____
8	<u>PHYSICAL AND LIFE SCIENCES (Select 2 courses. Credits over 8 will be applied to the elective category):</u> AST 101, 102; BIO 105, 111, 112, 201, 202, 204; CHE 105, 101, 102,111, 112; GEY 111, 121; MET 150; PHY 105, 111, 112, 211, 212; SCI 155, 156	_____ _____	_____ _____	_____ _____	_____ _____
<u>SPECIALIZED COURSE RECOMMENDATIONS – Choose 21 credits</u>					
3	Telecommunications I	CNG 160	_____	_____	_____
3	Visual Basic Programming	CSC 150	_____	_____	_____
3	C # Programming	CSC 236	_____	_____	_____
3	Java Programming	CSC 240	_____	_____	_____
3	Advanced Visual Basic Programming	CSC 151	_____	_____	_____
3	Advanced C # Programming	CSC 237	_____	_____	_____
4	Computer Science I	CSC 160	_____	_____	_____
4	Computer Science II	CSC 161	_____	_____	_____
3	Introduction to Statistics	MAT 135	_____	_____	_____

AND/OR ELECTIVES FROM OTHER ACADEMIC COURSES APPROVED IN THE AS COURSE LIST ON PAGE 33 ABOVE
(The list of approved courses for electives **excludes** vocational courses and remedial courses.)

60 TOTAL REQUIRED HOURS FOR ASSOCIATE OF SCIENCE
(State-approved core courses are indicated by **bold print**. State-approved elective courses are in plain lettering.)

STUDENT NAME: _____ **ADVISOR:** _____

**ASSOCIATE OF SCIENCE
MEDICAL EMPHASIS**
PROGRAM WORKSHEET AND SUGGESTED PROGRAM OF STUDY

Required Credits	<u>GENERAL EDUCATION CORE – 39 credits</u>	<u>Course Number</u>	<u>Transfer Credits</u>	<u>Credit Hours Completed</u>	<u>Grade</u>
9	<u>COMMUNICATIONS</u> English Composition I English Composition II **Public Speaking 115 or SPE 125 (**This requirement is a Colorado Community College System requirement and is in addition to the State Guaranteed General Education Transfer Courses.)	ENG 121 ENG 122 SPE ____	_____ _____ _____	_____ _____ _____	_____ _____ _____
9	<u>ARTS AND HUMANITIES (Select 3 courses with no more than 2 courses from any single category):</u> ARTS: ART 110, 111, 112, 207; MUS 120, 121, 122; THE 105, 211, 212; LIT/HUM: HUM 121, 122, 123; LIT 115, 201, 202, 205, 211, 212, 221, 222; WAYS OF THINKING: PHI 111, 112, 113, 114, 214 FOREIGN LANGUAGES: FRE/GER/ITA/JPN/RUS/SPA 211, 212	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____
3	<u>MATHEMATICS (select 3 credits minimum)</u> MAT 121, 125, 201, 202	MAT ____	_____	_____	_____
9	<u>SOCIAL/BEHAVIORAL SCIENCES (Select 3 courses—one must be HIS—with no more than 2 courses from any single category):</u> HIS: HIS 101, 102, 111, 112, 201, 202, 247; GEO: GEO 105, 106; HIS ____ ECONOMICS & POLITICAL SYSTEMS: ECO 201, 202, 245; ____ POS 105, 111, 205, 225; HUM. BEHAVIOR & SOC. SYSTEMS: ____ ANT 101,111; PSY 101, 102, 205, 226, 227, 235, 238; ____ SOC 101, 102, 215, 216, 231, ____	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____
8	<u>PHYSICAL AND LIFE SCIENCES (Select 2 courses. Credits over 8 will be applied to the elective category):</u> AST 101, 102; BIO 105, 111, 112, 201, 202, 204; ____ CHE 105, 101, 102,111, 112; GEY 111, 121; MET 150; ____ PHY 105, 111, 112, 211, 212; SCI 155, 156 ____	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____
<u>SPECIALIZED COURSE RECOMMENDATIONS – 21 credits</u>					
5	General College Biology I	BIO 111	_____	_____	_____
5	General College Biology II	BIO 112	_____	_____	_____
5	Physics: Algebra Based I	PHY 111	_____	_____	_____
5	Physics: Algebra Based II	PHY 112	_____	_____	_____
1	Course recommended by Advisor	____	_____	_____	_____
<u>AND/OR ELECTIVES FROM OTHER ACADEMIC COURSES APPROVED IN THE AS COURSE LIST ON PAGE 33 ABOVE</u> (The list of approved courses for electives excludes vocational courses and remedial courses.)					
60	TOTAL REQUIRED HOURS FOR ASSOCIATE OF SCIENCE (State-approved core courses are indicated by bold print . State-approved elective courses are in plain lettering.)				

STUDENT NAME: _____ **ADVISOR:** _____