



Liberal Arts General Education Certificate

Dual Credit 2024-2025

The Liberal Arts General Education Certificate is a Dual Credit opportunity for students to earn a transfer certificate while in high school.

Written & Oral Communications (9 credits)

Course	Title	Credits
Required:		
COMM 110	Fundamentals of Public Speaking	3
Choose Two Additional:		
ENGL 110	College Composition I	3
ENGL 120	College Composition II	3
ENGL 125	Introduction to Professional Writing	3

Humanities & History (6 credits)

Choose two courses with two different prefixes.

Course	Title	Credits
HIST 101	Western Civilization I	3
HIST 102	Western Civilization II	3
HIST 103	United States History to 1877	3
HIST 104	U.S. History Since 1877	3
HIST 207	United States & Current World Affairs	3
HIST 220	North Dakota History	3
HIST 260	Women in America	3
ENGL 211	Introduction to Creative Writing	3
ENGL 220	Introduction to Literature	3
ENGL 232	Mythology	3
ENGL 238	Children's Literature	3
ENGL 240	World Literature Masterpieces	3
HUM 211	Integrated Cultural Excursion: Regional & Cultural Studies	1
MUSC 100	Music Appreciation	3
MUSC 101	Fundamentals of Music	3
MUSC 207	History of Rock & Roll Music	3
PHIL 210	Ethics	3

Math, Science & Computer Information Systems

(13 credits)

Course	Title	Credits
Choose one math course.		
MATH 103	College Algebra	3
MATH 104	Finite Mathematics	3
MATH 105	Trigonometry	2
MATH 107	Pre-Calculus	4
MATH 165	Calculus I	4
MATH 166	Calculus II	4
MATH 210	Elementary Statistics	3
MATH 265	Calculus III	4
MATH 266	Introduction To Differential Equations	3

Choose one science course with a lab.

BIOL 111	Concepts of Biology	3
BIOL 111L	Concepts of Biology Lab	1
BIOL 115	Concepts of Anatomy & Physiology	3
BIOL 115L	Concepts of Anatomy & Physiology Lab	1
BIOL 124	Environmental Science	3
BIOL 124L	Environmental Science Lab	1
BIOL 150	General Biology I	3
BIOL 150L	General Biology I Lab	1
BIOL 151	General Biology II	3
BIOL 151L	General Biology II Lab	1
BIOL 170	General Zoology	3
BIOL 170L	General Zoology Lab	1

BIOL 220	Anatomy & Physiology I	3
BIOL 220L	Anatomy & Physiology I Lab	1
BIOL 221	Anatomy & Physiology II	3
BIOL 221L	Anatomy & Physiology II Lab	1
CHEM 115	Introductory Chemistry	3
CHEM 115L	Introductory Chemistry Lab	1
CHEM 116	Introduction to Organic & Biochemistry	3
CHEM 116L	Introduction to Organic & Biochemistry Lab	1
CHEM 121	General Chemistry I	4
CHEM 121L	General Chemistry I Lab	1
CHEM 122	General Chemistry II	4
CHEM 122L	General Chemistry II Lab	1
CHEM 241	Organic Chemistry I	4
CHEM 241L	Organic Chemistry I Lab	1
CHEM 242	Organic Chemistry II	4
CHEM 242L	Organic Chemistry II Lab	1
MICR 202	Introductory Microbiology	3
MICR 202L	Introductory Microbiology Lab	1
PHYS 211	College Physics I	3
PHYS 211L	College Physics I Lab	1
PHYS 212	College Physics II	3
PHYS 212L	College Physics II Lab	1
PHYS 251	University Physics I	4
PHYS 251L	University Physics I Lab	1
PHYS 252	University Physics II	4
PHYS 252L	University Physics II Lab	1
PLSC 110	World Food Crops	3
SOIL 210	Introduction to Soil Science	3

Choose one computer course.

CIS 101	Digital Literacy	2
CSCI 101	Software Apps & Digital Literacy	3
CSCI 160	Computer Science I	4
CSCI 161	Computer Science II	4

Social & Behavioral Sciences (8 credits)

Choose three courses with three different prefixes.

Course	Title	Credits
CJ 201	Introduction to Criminal Justice	3
COMM 112	Understanding Media & Social Change	3
ECON 105	Elements of Economics	3
ECON 201	Principles of Microeconomics	3
ECON 202	Principles of Macroeconomics	3
POLS 115	American Government	3
POLS 116	State & Local Government	3
POLS 225	Comparative Politics I	3
PSYC 100	Human Relations in Organizations	2
PSYC 111	Introduction to Psychology	3
PSYC 230	Educational Psychology	3
PSYC 240	Industrial/Organizational Psychology	3
PSYC 250	Developmental Psychology	3
PSYC 255	Child and Adolescent Psychology	3
PSYC 270	Abnormal Psychology	3
SOC 110	Introduction to Sociology	3
SOC 115	Social Problems	3
SOC 220	Family	3
SOC 221	Minority Relations	3

Total Required Credits

36

NOTE: Each program at various colleges/universities will have different program requirements, which is different than general education requirements.

This certificate is based on all approved NDUS GERTA courses. For a current list of courses offered by your high school please contact the NDSCS Dual Credit Office at NDSCS.DualCredit@ndscs.edu.