

ASSOCIATE IN SCIENCE GENERAL EDUCATION & DIVERSITY MATRIX

The following list includes all courses designated as meeting the general education requirements for the Associate in Science (AS) degree from Bismarck State College. Additionally, there is a three-credit **Diversity** requirement for completion of the AS degree, and the list also contains information about which courses meet this requirement. A course listed as both general education and diversity may satisfy both requirements upon successful completion. Contact your academic advisor with any questions related to this requirement.

Course	Title	Credits	Diversity	GERTA
Written Communications				
ENGL 110	College Composition I	3	No	Yes
ENGL 120	College Composition II	3	No	Yes
ENGL 125	Introduction to Professional Writing	3	No	Yes
Oral Communications				
COMM 110	Fundamentals of Public Speaking	3	No	Yes
Arts & Humanities (Lecture Courses)				
ART 110	Introduction to the Visual Arts	3	Yes	Yes
ART 210	Art History I	3	Yes	Yes
ART 211	Art History II	3	Yes	Yes
COMM 211	Oral Interpretation	3	No	Yes
ENGL 211	Introduction to Creative Writing (Fiction)	3	No	Yes
ENGL 222	Introduction to Poetry	3	Yes	Yes
ENGL 233	Fantasy and Science Fiction	3	Yes	Yes
ENGL 236	Women and Literature	3	Yes	Yes
ENGL 238	Children's Literature	3	Yes	Yes
ENGL 251	British Literature I	3	Yes	Yes
ENGL 252	British Literature II	3	Yes	Yes
ENGL 261	American Literature I	3	Yes	Yes
ENGL 262	American Literature II	3	Yes	Yes
ENGL 278	Alternative Literature	3	Yes	Yes
HIST 101	Western Civilization I	3	No	Yes
HIST 102	Western Civilization II	3	No	Yes
HIST 103	United States to 1877	3	No	Yes
HIST 104	United States Since 1877	3	No	Yes
HIST 105	World Civilizations to 1500	3	Yes	Yes
HIST 106	World Civilizations since 1500	3	Yes	Yes
HIST 220	North Dakota History	3	No	Yes
HIST 222	History of the Western Frontier	3	No	Yes
HIST 224	American Studies I	3	No	Yes
HIST 225	American Studies II	3	No	Yes
HIST 226	Topics in History	3	No	No
HIST 243	Historical Investigations	1-3	No	No
HUMS 210	Integrated Cultural Studies	3	Yes	Yes
HUMS 211	Integrated Cultural Excursion	1-3	No	Yes
HUMS 212	Integrated Cultural Enrichment	2	No	Yes
MUSC 100	Music Appreciation	3	No	Yes
MUSC 201	World Music	3	Yes	No
PHIL 101	Introduction to Philosophy	3	Yes	Yes
PHIL 210	Ethics	3	No	Yes
PHIL 220	Introduction to Logic	3	No	Yes
PHIL 250	Philosophy In Cinema	3	Yes	Yes
PHIL 253	Environmental Ethics	3	No	Yes

RELS 120	Religion in America	3	Yes	Yes
RELS 201	Life and Letters of Paul	3	No	Yes
RELS 203	World Religions	3	Yes	Yes
RELS 220	Old Testament	3	No	Yes
RELS 230	New Testament	3	No	Yes
SPAN 101	First Year Spanish I	4	Yes	Yes
SPAN 102	First Year Spanish II	4	Yes	Yes
SPAN 201	Second Year Spanish I	4	Yes	Yes
SPAN 202	Second Year Spanish II	4	Yes	Yes
THEA 110	Introduction to Theatre Arts	3	No	Yes
THEA 180	Dramatic Literature and Style I	3	Yes	Yes
THEA 181	Dramatic Literature and Style II	3	Yes	Yes
Arts & Humanities (Fine Arts Activities)				
ART 122	Two-Dimensional Design	3	No	Yes
ART 124	Three-Dimensional Design	3	No	Yes
ART 130	Drawing I	3	No	Yes
ART 220	Painting I	3	No	Yes
ART 221	Painting II	3	No	Yes
ART 230	Drawing II	3	No	Yes
ART 250	Ceramics I	3	No	Yes
ART 251	Ceramics II	3	No	Yes
ART 265	Sculpture I	2	No	Yes
ART 266	Sculpture II	2	No	Yes
MUSC 117	Concert Choir	1	No	Yes
MUSC 118	Chamber Choir	1	No	Yes
MUSC 121	String Ensemble	1	No	Yes
MUSC 132	Wind Ensemble	1	No	Yes
MUSC 133	Woodwind Ensemble I	1	No	Yes
MUSC 134	Woodwind Ensemble II	1	No	Yes
MUSC 135	Brass Ensemble I	1	No	Yes
MUSC 136	Brass Ensemble II	1	No	Yes
MUSC 137	Jazz Ensemble	1	No	Yes
MUSC 138	Percussion Ensemble	1	No	No
MUSC 145	Applied Music	1	No	Yes
MUSC 146	Applied Music - Major	1	No	Yes
THEA 161	Acting I	3	No	Yes
THEA 261	Acting II	3	No	Yes
Social and Behavioral Sciences				
ANTH 170	Physical Anthropology and Archeology	3	No	Yes
ANTH 171	Introduction to Cultural Anthropology	3	Yes	Yes
CJ 201	Introduction to Criminal Justice	3	Yes	Yes
COMM 112	Understanding Media and Social Change	3	No	Yes
COMM 212	Interpersonal Communications	3	No	Yes
COMM 214	Persuasive Speaking	3	No	No
ECON 105	Elements of Economics	3	No	Yes
ECON 201	Principles of Microeconomics	3	Yes	Yes
ECON 202	Principles of Macroeconomics	3	No	Yes
GEOG 161	World Regional Geography	3	Yes	Yes
POLS 115	American Government	3	No	Yes
POLS 116	State and Local Government	3	No	Yes
POLS 220	International Politics	3	Yes	Yes
POLS 240	Political Ideologies	3	No	Yes

PSYC 100	Human Relations In Organizations	3	Yes	Yes
PSYC 111	Introduction to Psychology	3	No	Yes
PSYC 211	Introduction to Behavior Modification	3	No	No
PSYC 250	Developmental Psychology	3	No	Yes
PSYC 261	Psychology of Adjustment	3	No	No
PSYC 270	Abnormal Psychology	3	No	Yes
SOC 110	Introduction to Sociology	3	Yes	Yes
SOC 115	Social Problems	3	Yes	Yes
SOC 220	Family	3	Yes	Yes
SOC 221	Minority Relations	3	Yes	Yes
SOC 235	Cultural Diversity	3	Yes	Yes
SOC 251	Gerontology	3	Yes	Yes
SOC 252	Criminology	3	Yes	Yes
SOC 275	American Indian Studies	3	Yes	Yes
SWK 256	Development of Social Welfare	3	No	Yes
Math, Science and Technology (Math)				
MATH 103	College Algebra	4	No	Yes
MATH 104	Finite Mathematics	3	No	Yes
MATH 105	Trigonometry	2	No	Yes
MATH 107	Pre-Calculus	4	No	Yes
MATH 146	Applied Calculus I	3	No	Yes
MATH 165	Calculus I	4	No	Yes
MATH 166	Calculus II	4	No	Yes
MATH 208	Discrete Mathematics	3	No	No
MATH 210	Elementary Statistics	3	No	Yes
MATH 277	Mathematics for Elementary Teachers I	4	No	No
Math, Science and Technology (Science without Lab)				
BIOL 102	Introduction to Aquarium Keeping	1	No	No
BIOL 109	The Living World	3	No	Yes
BIOL 124	Environmental Science	3	No	Yes
NUTR 240	Principles of Nutrition	3	No	No
Math, Science and Technology (Science with Lab)				
ATSC 110	Meteorology	3	No	Yes
ATSC 110L	Meteorology Lab	1	No	Yes
BIOL 111	Concepts of Biology	3	No	Yes
BIOL 111L	Concepts of Biology Lab	1	No	Yes
BIOL 115	Concepts of Anatomy & Physiology	3	No	Yes
BIOL 115L	Concepts of Anatomy & Physiology Lab	1	No	Yes
BIOL 125	Introduction to Ecology	3	No	Yes
BIOL 125L	Introduction to Ecology Lab	1	No	Yes
BIOL 150	General Biology I	3	No	Yes
BIOL 150L	General Biology I Lab	1	No	Yes
BIOL 151	General Biology II	3	No	Yes
BIOL 151L	General Biology II Lab	1	No	Yes
BIOL 170	General Zoology	3	No	Yes
BIOL 170L	General Zoology Lab	1	No	Yes
BIOL 220	Anatomy and Physiology I	3	No	Yes
BIOL 220L	Anatomy and Physiology I Lab	1	No	Yes
BIOL 221	Anatomy and Physiology II	3	No	Yes
BIOL 221L	Anatomy and Physiology II Lab	1	No	Yes
BIOL 250	Survey of Tropical Biology	3	No	Yes
BIOL 250L	Survey of Tropical Biology Lab	1	No	Yes

BOT 170	Plant Form and Diversity	3	No	Yes
BOT 170L	Plant Form and Diversity Lab	1	No	Yes
CHEM 110	Survey of Chemistry	3	No	Yes
CHEM 110L	Survey of Chemistry Lab	1	No	Yes
CHEM 112	Introduction to Forensic Science	3	No	Yes
CHEM 112L	Introduction to Forensic Science Lab	1	No	Yes
CHEM 114	Chemistry in Art	3	No	Yes
CHEM 114L	Chemistry in Art Lab	1	No	Yes
CHEM 115	Introductory Chemistry	4	No	Yes
CHEM 115L	Introductory Chemistry Lab	1	No	Yes
CHEM 116	Introduction to Organic and Biochemistry	4	No	Yes
CHEM 116L	Introduction to Organic and Biochemistry Lab	1	No	Yes
CHEM 121	General Chemistry I	4	No	Yes
CHEM 121L	General Chemistry I Lab	1	No	Yes
CHEM 122	General Chemistry II	4	No	Yes
CHEM 122L	General Chemistry II Lab	1	No	Yes
GEOG 121	Physical Geography	3	No	Yes
GEOG 121L	Physical Geography Lab	1	No	Yes
GEOL 102	Historical Geology	3	No	Yes
GEOL 102L	Historical Geology Lab	1	No	Yes
GEOL 105	Physical Geology	3	No	Yes
GEOL 105L	Physical Geology Lab	1	No	Yes
MICR 202	Introductory Microbiology	3	No	Yes
MICR 202L	Introductory Microbiology Lab	1	No	Yes
PHYS 100	Concepts of Physics	3	No	Yes
PHYS 100L	Concepts of Physics Lab	1	No	Yes
PHYS 110	Introductory Astronomy	3	No	Yes
PHYS 110L	Introductory Astronomy Lab	1	No	Yes
PHYS 211	College Physics I	4	No	Yes
PHYS 211L	College Physics I Lab	1	No	Yes
PHYS 212	College Physics II	4	No	Yes
PHYS 212L	College Physics II Lab	1	No	Yes
PHYS 251	University Physics I	4	No	Yes
PHYS 251L	University Physics I Lab	1	No	Yes
PHYS 252	University Physics II	4	No	Yes
PHYS 252L	University Physics II Lab	1	No	Yes
PLSC 110	World Food Crops	2	No	Yes
PLSC 110L	World Food Crops Lab	1	No	Yes
SCNC 101	Physical Science I	3	No	Yes
SCNC 101L	Physical Science I Lab	1	No	Yes
SCNC 102	Physical Science II	3	No	Yes
SCNC 102L	Physical Science II Lab	1	No	Yes
SCNC 103	Physical Science III	3	No	Yes
SCNC 103L	Physical Science III Lab	1	No	Yes
SOIL 210	Introduction to Soil Science	2	No	No
SOIL 210L	Introduction to Soil Science Lab	1	No	No
Math, Science and Technology (Technology)				
CIS 147	Principles of Information Security	3	No	Yes
CSCI 101	Introduction to Computers	3	No	Yes
CSCI 122	Beginning Visual Basic	3	No	Yes
CSCI 160	Computer Science I	4	No	Yes
CSCI 161	Computer Science II	4	No	Yes

GIS 105	Fundamentals of Geographic Information Systems	3	No	Yes
GIS 107	GIS Applications	3	No	No