

# BACHELOR OF APPLIED SCIENCE - GENERAL EDUCATION & DIVERSITY COURSE MATRIX

Course	Title	Credits	Diversity	GERTA
<b>Written Communications</b>				
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
<b>Oral Communications</b>				
COMM 110	Fundamentals of Public Speaking	3	No	Yes
<b>Arts &amp; Humanities (Lecture Courses)</b>				
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
CIS 280	Cyber Ethics	3	No	No
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	1-4	No	Yes
HUMS 212	Integrated Cultural Enrichment	2	No	Yes
MUSC 100	Music Appreciation	3	No	Yes
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
<b>Arts &amp; Humanities (Fine Arts Activities)</b>				
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
<b>Social and Behavioral Sciences</b>				
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
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
<b>Business, Math, Science and Technology (Business)</b>				
ACCT 200	Elements of Accounting I	3	No	No
ACCT 201	Elements of Accounting II	3	No	No
BADM 202	Principles of Management	3	No	No
BADM 281	Organizational Behavior	3	No	No
BADM 282	Human Resource Management	3	No	No
<b>Business, Math, Science and Technology (Math)</b>				
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 137	Applied Algebra	3	No	No
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
<b>Business, Math, Science and Technology (Science without Lab)</b>				
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
<b>Business, Math, Science and Technology (Science with Lab)</b>				
ASTR 150	Meteorology	3	No	Yes
ASTR 150L	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 126	Human Biology	3	No	Yes
BIOL 126L	Human Biology 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
<b>Business, Math, Science and Technology (Technology)</b>				
CIS 147	Principles of Information Security	3	No	Yes

CIS 164	Networking Fundamentals I	4	No	No
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