

# ***DEGREE PLANS***



# ***DIVISION OF ARTS AND HUMANITIES***

## ***Associate of Arts – General Studies***

### **PROGRAM OUTCOMES FOR ASSOCIATE OF ARTS DEGREE IN GENERAL STUDIES:**

1. The student will express ideas effectively through writing and speaking.
2. The student will demonstrate use of technology.
3. The student will develop their knowledge of various cultures with an emphasis on the Ochethi Sakowin culture.
4. The student will demonstrate sound critical thinking skills and reflective processing of information to enhance problem solving.

## ***Associate of Arts – General Studies Nursing Transfer***

1. The student will gain the acquired basic principles and skills in the general education area required for transfer to a four-year institution of higher learning.
2. The student will complete transfer requirements for furthering their nursing education.

## ***Bachelor of Science – General Studies***

### ***Bachelor of Science – General Studies with an emphasis in Native American Studies***

### **PROGRAM OUTCOMES FOR BACHELOR OF SCIENCE DEGREE IN GENERAL STUDIES:**

1. The student will create written and oral communication to meet professional standards.
2. The student will demonstrate advanced use of technology.
3. The student will demonstrate research skills by retrieving, evaluating, and using information appropriately.
4. The student will develop critical thinking skills and reflective processing of information to enhance problem solving.

**ASSOCIATE OF ARTS  
GENERAL STUDIES**

The program is designed to provide students with the opportunity to acquire basic principles and skills in the general education area while pursuing specific interests. It prepares students to enter into the Bachelor of Science General Studies degree or to transfer to another bachelor's program.

**GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 103	College Algebra.....	4 cr.
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
NAS 101 or	Ochethi Sakowin Language I.....	4 cr.
NAS 103	Introduction to Ochethi Sakowin Language, Culture & History	
CSCI 101	Introduction to Computers.....	3 cr.
PSYC 111	Introduction to Psychology.....	3 cr.
NATIVE AMERICAN STUDIES ELECTIVE .....		3 cr.
Select any one (1) course from Native American Studies		
HEALTH/PHYSICAL EDUCATION.....		2 cr.
Any two (2) one-hour courses or any one (1) two-hour course		
LABORATORY SCIENCE.....		8 cr.
Any two (2) four-hour laboratory science courses		
<b>Total General Education Requirements.....</b>		<b>41 credits</b>

**CORE REQUIREMENTS**

HUM 297	General Studies Capstone.....	1 cr.
MATH 210	Elementary Statistics .....	3 cr.
Humanities Course.....		3 cr.
Technology Course .....		3 cr.
Social & Behavioral Science Course .....		3 cr.
Elective Courses .....		8 cr.
<b>Total Core Requirements .....</b>		<b>21 credits</b>
<b>TOTAL DEGREE REQUIREMENTS.....</b>		<b>62 CREDITS</b>

## ASSOCIATE OF ARTS GENERAL STUDIES NURSING TRANSFER DEGREE PLAN

This program is designed to meet the needs of those students who plan to continue their education in nursing at other institutions. This program is aimed at students who graduate from Sitting Bull College with their AS in Practical Nursing and who want to continue their education as well as those students who are choosing to attend Sitting Bull College to pick up their general education requirements before transferring to another nursing program.

### GENERAL EDUCATION REQUIREMENTS

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 103	College Algebra.....	4 cr.
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
NAS 101 or	Ochethi Sakowin Language I .....	4 cr.
NAS 103	Introduction to Ochethi Sakowin Language, Culture & History	
CSCI 101	Introduction to Computers.....	3 cr.
HPER 200	Nutrition .....	2 cr.
PSYC 111	Introduction to Psychology.....	3 cr.
PSYC 255	Child and Adolescent Psychology.....	3 cr.
BIOL 220	Anatomy and Physiology I .....	4 cr.
CHEM 115	Introduction to Chemistry .....	4 cr.
<b>Total General Education Requirements.....</b>		<b>41 credits</b>

### CORE REQUIREMENTS

BIOL 202	Microbiology .....	4 cr.
BIOL 230	Anatomy and Physiology II .....	4 cr.
CHEM 116	Introduction to Organic and Biochemistry .....	4 cr.

**Choose 12 credits from the following (based on the program the student plans to transfer to):**

Statistics	Abnormal Psychology
Introduction to Sociology	Introduction to Anthropology
Social Problems	Ethics courses
Introduction to Ethics	Introduction to Western Philosophy
Comparative Spirituality	Arts course
Ochethi Sakowin Tradition, Philosophy, & Spirituality	Culture course
Finite Math	Ethnobotany
Adult and End of Life Developmental Psychology	

**Total Core Requirements .....** 24 credits

**TOTAL DEGREE REQUIREMENTS.....** 65 CREDITS

## **BACHELOR OF SCIENCE GENERAL STUDIES**

The program is designed to fit a student's academic and career goals. The student will explore a range of subject areas to broaden understanding of the world, analyze issues, formulate reasoned conclusions, and effectively communicate ideas. This degree encourages students to be leaders in the community and also prepares students for graduate studies in a wide range of subjects.

### **REQUIREMENTS:**

Requirements for admission are as follows:

1. Successful completion of Associate degree in appropriate area.

Requirements for graduation are as follows:

1. Completion of all course work in the curriculum.
2. A minimum of a 2.0 cumulative grade point average.
3. A minimum of 40 credit hours of 300 and 400 level course work.
4. For the Native American Studies concentration: a minimum of 27 credit hours of 300 and 400 level course work in a specific area.
5. Completion of assessment project.

### **GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 103	College Algebra.....	4 cr.
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
NAS 101 or	Ochethi Sakowin Language I .....	4 cr.
NAS 103	Introduction to Ochethi Sakowin Language, Culture & History	
NATIVE AMERICAN STUDIES ELECTIVE .....		3 cr.
Select any one (1) course from Native American Studies		
PSYC 111	Introduction to Psychology.....	3 cr.
HEALTH/PHYSICAL EDUCATION.....		2 cr.
Any two (2) one-hour courses or any one (1) two-hour course		
LABORATORY SCIENCE.....		8 cr.
Any two (2) four-hour courses		
CSCI 101	Introduction to Computers.....	3 cr.
<b>Total General Education Requirements.....</b>		<b>41 credits</b>

### **CORE REQUIREMENTS**

MATH 210	Elementary Statistics .....	3 cr.
Electives	100+ Level.....	41 cr.
HUM 497	General Studies Capstone Course .....	1 cr.
MATH 314	Applied Statistics.....	3 cr.
Electives	300+ Level.....	36 cr.
<b>Total Core Requirements .....</b>		<b>84 credits</b>

**TOTAL DEGREE REQUIREMENTS..... 125 CREDITS**

**\*Courses the student takes before the required general education courses (i.e. MATH 101, MATH 102, ENGL 100) will NOT be included as an elective for the Bachelor's in General Studies.**



# ***DIVISION OF BUSINESS***

## ***Associate of Arts – Business Administration***

### **PROGRAM OUTCOMES FOR ASSOCIATE OF ARTS IN BUSINESS ADMINISTRATION:**

1. The student will prepare and interpret various financial reports for a business.
2. The student will exhibit professional skills in written and verbal communication.
3. The student will demonstrate practical application of small business management principles including supervision, marketing, and business planning techniques.
4. The student will demonstrate knowledge of legal issues relating to business.
5. The student will display basic knowledge of global, national, local, and Native American tribal economic concepts.

### **PROGRAM OUTCOMES FOR BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION:**

1. The student will demonstrate advanced level to communicate effectively in writing and orally.
2. The student will demonstrate advanced proficiency of integration of business concepts.
3. The student will apply advanced management theory and techniques to actual business situations.
4. The student will be able to evaluate an organization and provide strategic business recommendations.
5. The student will analyze the impact of global business issues.
6. The student will demonstrate proficiency of current computer information systems within the business environment.

## ***Certificate – Information Technology A+***

### **PROGRAM OUTCOMES FOR CERTIFICATE IN INFORMATION TECHNOLOGY A+:**

1. The student will demonstrate the applications of computer information systems and fundamental computer concepts.
2. The student will install internal and external options and devices.
3. The student will configure and enhance the hardware and software of a computer to optimize computer performance.
4. The student will utilize tools, hardware components, and hardware/software interfacing to troubleshoot personal computer problems.
5. The student will plan and implement a technical solution for networking in a small business environment.
6. The student takes CompTIA A+ certification exam and achieves passing scores on each section.

## ***Certificate – Information Technology Maintenance/OS/Networking***

### **PROGRAM OUTCOMES FOR CERTIFICATE IN INFORMATION TECHNOLOGY MAINTENANCE/OS/NETWORKING:**

1. The student will demonstrate the applications of computer information systems and fundamental computer concepts.
2. The student will install internal and external options and devices.
3. The student will configure and enhance the hardware and software of a computer to optimize computer performance.
4. The student will utilize tools, hardware components, and hardware/software interfacing to troubleshoot personal computer problems.
5. The student will plan and implement a technical solution for networking in a small business environment.
6. The student will create IP addressing plans for a small network and implement a network equipment upgrade.
7. The student takes Cisco CCENT certification exam and achieves passing scores on each section.

## ***Associate of Science – Information Technology***

### **PROGRAM OUTCOMES FOR ASSOCIATE OF SCIENCE DEGREE IN INFORMATION TECHNOLOGY:**

1. The student will comprehend and resolve common desktop computer and network issues.
2. The student will practice communication, problem solving and decision-making skills through the use of appropriate technology and with an understanding of the use environment.
3. The student will identify, design, and develop appropriate information technology solutions in web, desktop, network, and/or database applications.
4. The student will configure and administer database servers to support contemporary business environments.
5. The student will plan and implement a technical solution for networking in a small business environment.
6. The student will design and develop software solutions for various use environments by employing appropriate problem solving strategies.
7. The student will investigate issues and/or solve problems using current topics in computing as well as application of industry trends.

## **BUSINESS ADMINISTRATION**

Sitting Bull College offers associate and bachelor level programs for students seeking training in Business Administration.

The Business Administration Program offer students' the skills necessary to be positive and successful in a number of management level positions. Business Administration derives its instructional base from the employment field of business and has as its mission the preparation of individuals for employment in business occupations, including entrepreneurship. Employment and Career Opportunities include the following: Entrepreneurship, Administrative Services, Advertising, Financial Management, Human Resource, Sales, Tourism, Training and Development, Purchasing, Storage and Distribution in all area markets.

## **ASSOCIATE OF ARTS BUSINESS ADMINISTRATION**

The program prepares students for positions in the accounting/business world or for transfer to a four-year institution of higher learning. The curriculum is designed to offer students an introduction to business, accounting, and economics.

### **GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 103	College Algebra.....	4 cr.
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
NAS 101 or NAS 103	Ochethi Sakowin Language I .....	4 cr.
NAS 103	Introduction to Ochethi Sakowin Language, Culture & History	
CSCI 101	Introduction to Computers.....	3 cr.
NATIVE AMERICAN STUDIES ELECTIVE .....		3 cr.
	Select any one (1) course from Native American Studies	
HUMANITIES or SOCIAL & BEHAVIORAL SCIENCE .....		3 cr.
	Select any one (1) course from: Arts, English, History, Humanities, Music, Native American Studies, Philosophy, Anthropology, Criminal Justice, Economics, Geography, Human Services, Political Science, Psychology, and Sociology	
HEALTH/PHYSICAL EDUCATION.....		2 cr.
	Any two (2) one-hour courses or any one (1) two-hour course	
LABORATORY SCIENCE.....		8 cr.
	Any two (2) four-hour laboratory science courses	
<b>Total General Education Requirements.....</b>		<b>41 credits</b>

### **CORE REQUIREMENTS**

BAD 101	Introduction to Business.....	3 cr.
BAD 103	Legal Environment of Business .....	3 cr.
BAD 201	Principles of Accounting I.....	3 cr.
BAD 202	Principles of Accounting II.....	3 cr.
BAD 208	Entrepreneurial Marketing.....	3 cr.
BAD 219	Entrepreneurial Business Management.....	3 cr.
BAD 297	Business Administration Internship.....	3 cr.
ECON 201	Microeconomics .....	3 cr.
ECON 202	Macroeconomics .....	3 cr.
BOTE 247	Spreadsheet Applications .....	3 cr.
<b>Total Core Requirements .....</b>		<b>30 credits</b>
<b>TOTAL DEGREE REQUIREMENTS.....</b>		<b>71 CREDITS</b>



## **BACHELOR OF SCIENCE BUSINESS ADMINISTRATION**

This program is to ensure the efficacy of our students to succeed in changing our world; Sitting Bull College Business Department provides opportunities for future managers and entrepreneurs of area markets. The four-year Business Administration program focuses on stimulating business creations that are compatible with, and supportive of, the American Indian Culture or Ochethi Sakowin Nation's Culture. The success and uniqueness of our program is directly related to the development of our North and South Dakota communities. Through education, we have a unique ability to focus on local community, business, and economic development. The four-year Business program is aware of the individuality of Standing Rock markets and economies and creates a product that is more able to facilitate in the planning and implementation of development strategies.

Employment and career opportunities for the Bachelor's degree include; entrepreneur, manager, program director, comptroller, sales, human resource manager, personnel director, marketing manager, bookkeeper, auditor, real estate agent, information systems manager, business consultant, and motivational speaker.

The professional core requirements of the degree may be offered in an accelerated format.

### **REQUIREMENTS:**

Requirements for admission are as follows:

1. Successful completion or in the last semester of Associate degree in Business Administration.
2. Transfer students must meet all program pre-requisites before being accepted into the Bachelor of Science accelerated program.

Requirements for graduation are as follows:

1. Completion of all course work in the curriculum.
2. A minimum of a 2.0 cumulative grade point average.
3. A minimum of 40 credit hours of 300 and 400 level course work.

### **GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 103	College Algebra.....	4 cr.
or		
MATH 104	Finite Mathematics .....	3 cr.
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
NAS 101 or	Ochethi Sakowin Language I .....	4 cr.
NAS 103	Introduction to Ochethi Sakowin Language, Culture & History	
CSCI 101	Introduction to Computers.....	3 cr.
NATIVE AMERICAN STUDIES ELECTIVE .....		3 cr.
	Select any one (1) course from: Native American Studies	
HUMANITIES or SOCIAL & BEHAVIORAL SCIENCE .....		3 cr.
	Select any one (1) course from: Arts, English, History, Humanities, Music, Native American Studies, Philosophy, Anthropology, Criminal Justice, Economics, Geography, Human Services, Political Science, Psychology, and Sociology	
HEALTH/PHYSICAL EDUCATION.....		2 cr.
	Any two (2) one-hour courses or any one (1) two-hour course	
LABORATORY SCIENCE.....		8 cr.
	Any two (2) four-hour courses	
<b>Total General Education Requirements.....</b>		<b>40-41 credits</b>

**BUSINESS CORE REQUIREMENTS**

BAD 101	Introduction to Business.....	3 cr.
BAD 103	Legal Environment of Business .....	3 cr.
BAD 201	Principles of Accounting I.....	3 cr.
BAD 202	Principles of Accounting II.....	3 cr.
BAD 208	Entrepreneurial Marketing.....	3 cr.
BAD 219	Entrepreneurial Business Management.....	3 cr.
BAD 297	Business Administration Internship.....	3 cr.
ECON 201	Microeconomics .....	3 cr.
ECON 202	Macroeconomics .....	3 cr.
BOTE 247	Spreadsheet Applications .....	3 cr.
<b>Total Business Core Requirements .....</b>		<b>30 credits</b>

**PROFESSIONAL CORE REQUIREMENTS**

BAD 301	Principles of Management .....	3 cr.
BAD 303	Human Resource Management.....	3 cr.
BAD 305	Organizational Behavior.....	3 cr.
BAD 311	Principles of Marketing.....	3 cr.
BAD 323	Payroll Accounting .....	3 cr.
BAD 333	Business Writing .....	3 cr.
BAD 353	Tax Procedures.....	3 cr.
BAD 363	Business Finance.....	3 cr.
BAD 401	New Venture .....	3 cr.
BAD 405	Business Law I.....	3 cr.
BAD 406	Business Ethics.....	3 cr.
BAD 434	World Business .....	3 cr.
BAD 453	Strategic Management.....	3 cr.
BAD 497	Internship/Seminar .....	3 cr.
MATH 314	Applied Statistics.....	3 cr.
	300+ Electives.....	6 cr.
<b>Total Professional Core Requirements.....</b>		<b>51 credits</b>

**TOTAL DEGREE REQUIREMENTS..... 121-122 CREDITS**

## INFORMATION TECHNOLOGY

We live in a computerized and networked society, and supporting these computers and networks offers a wide job market with a variety of locations and environments. Technology is driving businesses and governments today, especially health care, financial services, public utilities, sales, and mining and manufacturing. Individuals own personal computers, tablets, smartphones and home networks, and a wide variety of other computerized devices. Computer specialists will require technical skills to work with computers, networks and devices; and communications skills to work with employers, co-workers and end-users.

The IT student at SBC will develop a firm foundation in Information Technology to prepare for employment or for seeking a baccalaureate degree. This program will prepare students to enter into the world of work with the most commonly accepted IT certifications; CompTIA's A+ for IT technicians, and the Cisco CCENT for networking. The courses offered at SBC are standardized with the North Dakota University System's common course numbering system, so the student will also be well prepared to transfer to a four-year institution of higher learning for more advanced degrees.

The program is also designed for students who are seeking certification alone. Two certificates are offered; A+ from CompTIA and/or Maintenance/OS/Networking with CCENT from Cisco. Sitting Bull College is a Postsecondary Local Cisco Networking Academy, offering CCNA Routing & Switching I: Introduction to Networks, and CCNA Routing & Switching II: Network Basics.

### **CERTIFICATE INFORMATION TECHNOLOGY**

#### **A+ CERTIFICATION (CompTIA)**

CIS 128	Microcomputer Hardware I.....	3 cr.
CIS 129	Microcomputer Hardware II.....	3 cr.
CIS 164	Networking Fundamentals I .....	4 cr.
CIS 212	Operating System Client .....	3 cr.
CIS 215	Implementing a Server Environment.....	3 cr.
CSCI 101	Introduction to Computers.....	3 cr.
<b>TOTAL A+ CERTIFICATE REQUIREMENTS .....</b>		<b>19 CREDITS</b>

#### **MAINTENANCE/OS/NETWORKING EMPHASIS**

CIS 128	Microcomputer Hardware I.....	3 cr.
CIS 129	Microcomputer Hardware II.....	3 cr.
CIS 164	Networking Fundamentals I .....	4 cr.
CIS 165	Networking Fundamentals II .....	4 cr.
CIS 212	Operating System Client .....	3 cr.
CIS 215	Implementing a Server Environment.....	3 cr.
<b>TOTAL Maintenance/OS/Networking CERTIFICATE REQUIREMENTS .....</b>		<b>20 CREDITS</b>

Student's must follow SBC's admissions requirements and may be required to complete a College Writing Preparation and College Math Preparation course(s) before enrolling in certificate courses.

To earn the A+ Certification in Information Technology, students must take the current CompTIA A+ certification exam and achieve passing scores on each section. This requires a separate exam fee at the time of testing. A student who has already earned the current CompTIA A+ Certificate will receive class credit for CIS 128 and CIS 129 by paying the tuition cost for these classes.

To earn the Maintenance/OS/Networking Certification in Information Technology, students must take the current Cisco CCENT certification exam and achieve passing scores on each section. This requires a separate exam fee at the time of testing. A student who has already earned the current Cisco CCENT will receive class credit for CIS 164 and CIS 165 by paying the tuition cost for these classes.

## ASSOCIATE OF SCIENCE INFORMATION TECHNOLOGY

### **GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 102	Intermediate Algebra or higher .....	4 cr.
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
NAS 101 or	Ochethi Sakowin Language I.....	4 cr.
NAS 103	Introduction to Ochethi Sakowin Language, Culture & History	
CSCI 101	Introduction to Computers.....	3 cr.
HUMANITIES or SOCIAL & BEHAVIORAL SCIENCE	.....	3 cr.
	Select any one (1) course from: Arts, English, History, Humanities, Music, Native American Studies, Philosophy, Anthropology, Criminal Justice, Economics, Geography, Human Services, Political Science, Psychology, and Sociology	
HEALTH/PHYSICAL EDUCATION.....		2 cr.
	Any two (2) one-hour courses or any one (1) two-hour course	
LABORATORY SCIENCE.....		4 cr.
	Any one (1) four-hour laboratory science course	
<b>Total General Education Requirements.....</b>		<b>34 credits</b>

### **CORE REQUIREMENTS**

CIS 128	Microcomputer Hardware I.....	3 cr.
CIS 129	Microcomputer Hardware II.....	3 cr.
CIS 141	Introduction to Cybersecurity .....	3 cr.
CIS 164	Networking Fundamentals I .....	4 cr.
CIS 165	Networking Fundamentals II .....	4 cr.
CIS 212	Operating Systems Client .....	3 cr.
CIS 215	Implementing a Server Environment.....	3 cr.
CIS 297	Information Technology Internship.....	3 cr.
CSCI 122	Visual Basic.....	3 cr.
CSCI 133	Database Concepts I (SQL).....	3 cr.

### **INFORMATION TECHNOLOGY ELECTIVES - (SELECT A TOTAL OF 3 CREDIT HOURS)**

CIS 181	Creating Web Pages .....	3 cr.
ENS 211	Introduction to GIS/GPS .....	3 cr.
CIS/CSCI 299	Computer Information Systems/Computer Science Elective .....	3 cr.
<b>Total Core IT Requirements .....</b>		<b>35 credits</b>

**TOTAL DEGREE REQUIREMENTS..... 69 CREDITS**



# ***DIVISION OF CONSTRUCTION TECHNOLOGY***

## ***DIVISION OF CONSTRUCTION TECHNOLOGY***

Construction, as in many other occupations, is becoming a field of specialists.

SBC's Building Trades Program follows curriculum guidelines set forth by the Associated General Contractors of America and the National Center for Construction and Education and Research (NCEER).

Students who successfully complete the program leave with a solid foundation as entry-level carpenters. Jobs that await them are many as demand is high for motivated individuals here locally and elsewhere with building contractors, lumber yards and maintenance shops.

### **PROGRAM OUTCOMES FOR ASSOCIATE IN BUILDING TRADES**

1. The student will prepare building site according to building plan.
2. The student will demonstrate the proper use of hand and power tools.
3. The student will estimate amount of material needed to complete building project.
4. The student will be able to layout and construct exterior wall sections and roofing according to a building plan.
5. The student will be able to install interior walls and ceilings, doors and trim, and cabinets and special built-ins according to building plan.

### ***CERTIFICATE BUILDING TRADES***

#### **GENERAL EDUCATION REQUIREMENTS**

ENGL 100	Applied English or higher .....	3 cr.
HPER 210	First Aid/CPR/AED .....	2 cr.
SOC 099	Job Skills .....	2 cr.
<b>Total General Education Requirements .....</b>		<b>7 credits</b>

#### **CORE REQUIREMENTS**

CARP 102	Core Curriculum .....	2 cr.
CARP 105	Construction Math .....	3 cr.
CARP 120	Principles of Framing .....	3 cr.
CARP 125	Construction Practicum I .....	4 cr.
CARP 140	Principles of Interior Finish.....	2 cr.
CARP 145	Construction Practicum II.....	4 cr.
OSHA 100	Safety Course .....	1 cr.
<b>Total Core Requirements .....</b>		<b>19credits</b>
<b>TOTAL DEGREE REQUIREMENTS.....</b>		<b>26 CREDITS</b>

**PROGRAM OUTCOMES FOR CERTIFICATE IN COMMERCIAL DRIVERS LICENSE (CDL):**

1. The students will gain a working knowledge of a tractor trailer and basic skill driving.
2. The students will gain a working knowledge of standard safety practices set by the Occupational Safety and Health Administration.
3. The students will understand an overview of all North or South Dakota Department of Transportation Regulations.

**CERTIFICATE  
COMMERCIAL DRIVERS LICENSE (CDL)**

**CERTIFICATE REQUIREMENTS**

CDL 100	CDL Permit.....	4 cr.
CDL 105	Novice CDL Training.....	2 cr.
CDL 107	Advanced CDL Training.....	3 cr.
CDL 109	Driver Endorsements.....	3 cr.
HPER 210	First Aid/CPR/AED.....	2 cr.
SOC 099	Job Skills.....	2 cr.
<b>TOTAL CERTIFICATE REQUIREMENTS .....</b>		<b>16 CREDITS</b>

Student's must follow SBC's admissions requirements and may be required to complete a College Writing Preparation and College Math Preparation course(s) before enrolling in certificate courses.

**PROGRAM OUTCOMES FOR CERTIFICATE IN ELECTRICAL:**

1. The student will be able to lay out the electrical system in new residential and light commercial installations according to the National Electrical Code Guidelines
2. The student will be able to identify the materials needed to complete a project.
3. The student will be able to complete the rough-in stage of residential wiring using romex cable, light commercial wiring and using conduit in accordance with the National Electrical Code Guidelines.
4. The student will be able to complete the trim-out of new residential and light commercial projects including installing outlets, switches, light fixtures, smoke detectors, service panels, and meters.

**CERTIFICATE  
ELECTRICAL**

**CERTIFICATE REQUIREMENTS**

ECAL 101	Electrical Fundamentals I.....	3 cr.
ECAL 102	Electrical Fundamentals II.....	3 cr.
ECAL 103	Electrical Code Study.....	3 cr.
ECAL 104	Electrical Trades Math.....	2 cr.
ECAL 106	Electrical Practicum I.....	4 cr.
ECAL 132	Commercial & Agricultural Wiring.....	3 cr.
ECAL 133	Residential Wiring.....	2 cr.
ECAL 206	Electrical Practicum II.....	4 cr.
HPER 210	First Aid/CPR/AED.....	2 cr.
OSHA 100	Safety Course.....	1 cr.
SOC 099	Job Skills.....	2 cr.
<b>TOTAL CERTIFICATE REQUIREMENTS .....</b>		<b>29 CREDITS</b>

Student's must follow SBC's admissions requirements and may be required to complete a College Writing Preparation and College Math Preparation course(s) before enrolling in certificate courses.

**PROGRAM OUTCOMES FOR HEAVY EQUIPMENT OPERATOR:**

1. Attain the technical skills and knowledge necessary to earn credentials from NCCER in Heavy Equipment Operations
2. Use critical thinking to describe basic mechanical operations and implement maintenance procedures, and to demonstrate knowledge of laws, regulations and safety requirements of the profession.
3. Demonstrate familiarity with the realities of employment in the heavy equipment industry.

***CERTIFICATE  
HEAVY EQUIPMENT OPERATION I***

**CERTIFICATE REQUIREMENTS**

CDL 100	CDL Permit.....	4 cr.
CDL 105	Novice CDL Training.....	2 cr.
HEO 101	Heavy Equipment Operation Training I.....	8 cr.
HPER 210	First Aid/CPR/AED.....	2 cr.
SOC 099	Job Skills.....	2 cr.
<b>TOTAL CERTIFICATE REQUIREMENTS .....</b>		<b>18 CREDITS</b>

Student's must follow SBC's admissions requirements and may be required to complete a College Writing Preparation and College Math Preparation course(s) before enrolling in certificate courses.

***CERTIFICATE  
HEAVY EQUIPMENT OPERATION II***

**CERTIFICATE REQUIREMENTS**

CDL 106	CDL Refresher Course.....	1 cr.
CDL 107	Advanced CDL Driving.....	3 cr.
CDL 109	Driver Endorsements.....	3 cr.
HAZ 099	HAZWOPER Training – 24 Hour.....	1 cr.
HEO 201	Heavy Equipment Operation Training II.....	8 cr.
OSHA 201	Construction Course – 30 Hour.....	2 cr.
<b>TOTAL CERTIFICATE REQUIREMENTS .....</b>		<b>18 CREDITS</b>

Student's must follow SBC's admissions requirements and may be required to complete a College Writing Preparation and College Math Preparation course(s) before enrolling in certificate courses.

**PROGRAM OUTCOMES FOR CERTIFICATE IN WELDING:**

1. The student will understand the theory behind the various welding processes.
2. The student will be able to demonstrate their ability to perform welds utilizing the SMAW, FCAW, and FMAW processes.
3. The student will be able to perform proper welds in the following positions: 1G-Flat, 2G-Horizontal, and 3G-Vertical.
4. The student will demonstrate knowledge of OSHA standards for welding safety practices.

***CERTIFICATE  
WELDING***

**CERTIFICATE REQUIREMENTS**

WELD 100	Orientation & Safety .....	1 cr.
WELD 101	OA Welding & Cutting .....	2 cr.
WELD 103	GMA Welding .....	2 cr.
WELD 104	SMA Welding .....	2 cr.
WELD 153	Welding Practicum .....	4 cr.
HPER 210	First Aid/CPR/AED .....	2 cr.
OSHA 100	Safety Course .....	1 cr.
SOC 099	Job Skills .....	2 cr.
<b>TOTAL CERTIFICATE REQUIREMENTS .....</b>		<b>16 CREDITS</b>

Student's must follow SBC's admissions requirements and may be required to complete a College Writing Preparation and College Math Preparation course(s) before enrolling in certificate courses.





# ***DIVISION OF EDUCATION***

***Associate of Science – Early Childhood Education***  
***Associate of Science – Teacher Education***

***Bachelor of Science - Early Childhood Education (Teaching and Non-Teaching)***  
***Bachelor of Science Elementary Education***  
***Bachelor of Science Elementary Education/Special Education***  
***Bachelor of Science – Secondary Science Education***  
***Masters of Education – Curriculum and Instruction***

## **Program Mission Statement**

The mission of the sitting Bull College Division of Education is to balance the constructivist view of teaching and learning while integrating the Ochethi Sakowin philosophy, values, and beliefs. Both the institutional and education division mission statements articulate a need to enhance the educational attainment of Standing Rock members while maintaining a focus on Ochethi Sakowin history, language, culture, and values. Since 1995 the education division has integrated constructivist principles throughout the program of study.

## **PROGRAM OUTCOMES FOR EDUCATION PROGRAMS:**

1. The candidate will demonstrate discipline content knowledge, pedagogical and professional knowledge, and skills/dispositions needed to educate all learners through field and practicum experiences.
2. The candidate will demonstrate and use formal and informal assessment strategies to evaluate and ensure the continuous development of the diverse learner.
3. The candidate will be a reflective thinker who continually evaluates the effects of his/her choices and actions on others and who seeks opportunities to serve the community and grow professionally.
4. The candidate will demonstrate knowledge and sensitivity of global cultures/ethnicities, and an awareness of diverse learning styles, with a focus on Ochethi Sakowin culture and language.
5. The candidate will demonstrate the ability to integrate tools of instructional and assistive technology into teaching and professional practice.

**PROGRAM OUTCOMES FOR MASTER OF EDUCATION IN CURRICULUM AND INSTRUCTION:**

1. The candidate will demonstrate advanced knowledge, skills, and dispositions.
2. The candidate will understand, develop, and apply research and research methods through effective communication relevant to the advanced field of study using effective communication through writing.
3. The candidate will demonstrate a deepened understanding of the study of the role of schools in society and the development of positive-relationship partnerships with families and the larger community through effective communication and the implementation of programs, services, events, and/or best practices.
4. The candidate will demonstrate a deepened understanding and apply advanced teaching strategies and models of teaching relevant to the advanced field of study, in order to meet the needs of students.
5. The candidate will demonstrate various methods of integrating current, appropriate instructional technologies.
6. The candidate will demonstrate practicum performance via a field experience that shows evidence of the potential impact on P-12 student learning using varied assessments.

## **ASSOCIATE OF SCIENCE EARLY CHILDHOOD EDUCATION**

This program is designed for students to develop the knowledge and skills required for working with infants, toddlers, and preschoolers. The focus of this program is to prepare students to work in positions dealing with the development and educational needs of children from birth through second grade.

This program is structured such that students may continue their education and acquire a Bachelor of Science degree in Early Childhood Education. Students will be required to complete a background check.

Careers options include: private or public nursery schools, preschools such as Head Start, home or center-based day care, primary grade paraprofessional, nanny positions, and recreational programs.

### **GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 102	Intermediate Algebra or higher .....	4 cr.
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
NAS 101 or	Ochethi Sakowin Language I.....	4 cr.
NAS 103	Introduction to Ochethi Sakowin Language, Culture & History	
CSCI 101	Introduction to Computers.....	3 cr.
HEALTH/PHYSICAL EDUCATION	.....	2 cr.
	Any two (2) one-hour courses or any one (1) two-hour course	
HUMANITIES or SOCIAL & BEHAVIORAL SCIENCE	.....	3 cr.
	Select any one (1) course from: Arts, English, History, Humanities, Music, Native American Studies, Philosophy, Anthropology, Criminal Justice, Economics, Geography, Human Services, Political Science, Psychology, and Sociology	
LABORATORY SCIENCE	.....	4 cr.
	Any one (1) four-hour laboratory science course	
<b>Total General Education Requirements</b>	.....	<b>34 credits</b>

### **CORE REQUIREMENTS**

ECE 210	Introduction to Early Childhood Education.....	2 cr.
ECE 211	Introduction to Assessment.....	1 cr.
ECE 213	Language & Literacy Development in Early Childhood Education .....	3 cr.
ECE 228	Developing Learning Environments .....	2 cr.
ECE 233	Pre-K Methods and Materials .....	3 cr.
ECE 236	Social/Emotional Development & Guidance in Early Childhood Education.....	2 cr.
ECE 238	Child, Family & Community Relations.....	3 cr.
ECE 252	Stages of Child Development .....	3 cr.
ECE 254	Early Childhood Curriculum & Methods .....	2 cr.
ECE 297	Early Childhood Education Internship.....	3 cr.
ENGL 238	Children's Literature .....	3 cr.
PSYC 111	Introduction to Psychology.....	3 cr.
SPD 200	Exceptional Children .....	3 cr.
<b>Total Core Requirements</b>	.....	<b>33 credits</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	.....	<b>67 CREDITS</b>

## **TEACHER EDUCATION**

Sitting Bull College provides an Associate of Science degree designed to prepare students for specialized vocational training as Assistant Teachers in K-12. Additional course work is also provided through Sitting Bull College for those pursuing a B.S. Degree in Elementary Education. Students will be required to complete a background check prior to any field experience.

The mission of the Teacher Education program is to ensure the efficacy of our children to succeed in a changing world; Sitting Bull College Education Department provides educational opportunities for future educators of the Standing Rock Sioux Tribe. The two-year Teacher Education program and the four-year Elementary/Special Education program focus on the history of Ojethi Sakowin Culture, Language and Values. The success and uniqueness of our program is directly related to the participation of local North and South Dakota community educators who are aware of the individuality of Standing Rock children and who facilitate in the planning and implementation of our curriculum.

The Associate of Science degree is a requirement for employment and career opportunities by North and South Dakota Department of Education for paraprofessionals.

### **ASSOCIATE OF SCIENCE TEACHER EDUCATION**

#### **GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 102	Intermediate Algebra or higher .....	4 cr.
NAS 101 or NAS 103	Ojethi Sakowin Language I .....	4 cr.
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond .....	2 cr.
CSCI 101	Introduction to Computers .....	3 cr.
MUSC 100	Music Appreciation or MUSC/NAS 110 Ojethi Sakowin Music & Dance .....	3 cr.
NAS/ART ELECTIVES - Choose one (1) course listed below .....		3 cr.
	ART 245 North American Art or NA Traditional Art Course	
	NAS 105 Ojethi Sakowin Culture	
	NAS 112 Introduction to Native American Studies	
HEALTH/PHYSICAL EDUCATION .....		2 cr.
	Any two (2) one-hour courses or any one (1) two-hour course	
LABORATORY SCIENCE - Choose any two (2) four-hour laboratory science course		
	Physical Science .....	4 cr.
	Life Science .....	4 cr.
	Earth or Space Science .....	4 cr.
<b>Total General Education Requirements .....</b>		<b>41 credits</b>

#### **CORE REQUIREMENTS**

EED 250	Introduction to Education .....	2 cr.
EED 254	Classroom Management .....	3 cr.
EED 262	Strategies, Methods & Observation in Teacher Education .....	4 cr.
EED 297	Teacher Education Internship .....	3 cr.
EED 298	Pre-Professional Experience .....	1 cr.
PSYC 111	Introduction to Psychology .....	3 cr.
PSYC 250	Developmental Psychology .....	4 cr.
SPD 200	Exceptional Children .....	3 cr.
<b>Total Core Requirements .....</b>		<b>23 credits</b>
<b>TOTAL DEGREE REQUIREMENTS .....</b>		<b>64 CREDITS</b>

## **BACHELOR OF SCIENCE DIVISION OF EDUCATION**

### **ADMISSION REQUIREMENTS**

Admission into the Division of Education Bachelor degree programs is not automatic. All students must apply and be accepted into the program prior to taking most upper division courses (300-400 levels). State law requires a background check for student teachers; therefore, Sitting Bull College requires a background check prior to acceptance into the Bachelor program. (See Division of Education Student Policies & Procedures for details.)

Documentation must be submitted to the Division of Education Chair. Admission requirements are as follows:

1. Successful completion, or be within one semester of completion of an Associate of Science degree in Teacher Education, Early Childhood Education, Environmental Science or an Associate of Arts degree in General Studies.
2. Cumulative GPA of 2.75.
3. Complete the "Application for Division of Education" form which includes the following documents: signature of acceptance by the admissions committee chair, three letters of recommendation from employers/instructors, and the disposition essay.
4. Background check.
5. Acceptable scores of the Pre-Professional Skills Test (PRAXIS I).

Upon completion and submission of the listed documents, an interview will be scheduled with the candidate and the Division of Education Admissions committee.

Once accepted into a Division of Education Bachelor program, a candidate must maintain a cumulative grade-point average of 2.75 in order to remain in the program. Candidates must pass all methods courses with a 3.0 or higher.

### **ENDORSEMENTS/AUTHORIZATIONS**

The Bachelor of Science programs in education at Sitting Bull College offer course work which meets the requirements for North Dakota and South Dakota state endorsements in birth through preschool, kindergarten, and middle school teaching. (See Division of Education Student Policies & Procedures)

### **ASSESSMENT**

E-Portfolio – Education candidate progress will be assessed through a regular review of the e-portfolio and other units developed throughout the program beginning with the introductory courses. There will be several opportunities for the candidates to self – evaluate their progress throughout their junior and senior level coursework.

### **STUDENT TEACHING**

The Division of Education makes every effort to place students in a setting with the least hardship for the candidate. Candidates must apply prior to placement for student teaching according to dates set on application form. Late applicants cannot be guaranteed placement in the preferred semester. Candidates must have completed all methods courses prior to student teaching. For further information on the student teaching process please refer to the SBC Student Teaching Handbook.

Suspension - Suspension is the removal from student teaching for the remainder of the semester with a right to reapply. A student teacher may be suspended from student teaching for serious violation (s) of student teaching policies and procedures, or serious incompetence which is deemed uncorrectable. For further information on suspension from student teaching please refer to the SBC Student Teaching Handbook.

Termination or dismissal – Grievous violations of policies or procedures, or incompetence which results in serious harm to a student in the student teaching classroom may be cause for termination. Recommendation for termination will be made by the SBC supervisor/faculty, the cooperating teacher, and the school administrator in which the student teaching is taking place. A student who is terminated from student teaching may not reapply to student teach at Sitting Bull College. For further information on termination/dismissal from student teaching please refer to the SBC Student Teaching Handbook.

## **OTHER ISSUES TO CONSIDER**

- At times candidates will be required to attend classes during the day, evening, and weekends.
- Full-time, daytime attendance will be required at various times of your program.
- Graduation from the program does not guarantee licensure to teach.
- A candidate will be required to meet or exceed the North Dakota PRAXIS II scores before graduating with a teaching degree. Candidates in the non-teaching track of the Bachelor of Science in Early Childhood are exempt from this requirement.
- Grant funding may be available for a specified period. Candidates need to be aware that each grant provides different kinds of support and federal guidelines must be followed. Therefore, students must apply for all other funding prior to acceptance.
- A candidate must complete 12 weeks of student teaching in each area and must be available to be in the classroom setting during school hours. North Dakota standards do not allow this to be a paid experience.

**BACHELOR OF SCIENCE  
EARLY CHILDHOOD EDUCATION  
TEACHING TRACK**

**GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 103	College Algebra .....	4 cr.
NAS 101 or NAS 103	Ochethi Sakowin Language I .....	4 cr.
NATIVE AMERICAN STUDIES ELECTIVE	Introduction to Ochethi Sakowin Language, Culture & History .....	3 cr.
	Select any courses from Native American Studies or Lakhotiyapi/Dakhotiyapi (100/200 level)	
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
CSCI 101	Introduction to Computers.....	3 cr.
HEALTH/PHYSICAL EDUCATION	.....	2 cr.
	Any two (2) one-hour courses or any one (1) two-hour course	
LABORATORY SCIENCE	.....	
	Two (2) four-hour courses in the following areas:	
	BIOL 240 Ethnobotany.....	4 cr.
	Earth Science.....	4 cr.
<b>Total General Education Requirements</b>	.....	<b>38 credits</b>

**EARLY CHILDHOOD EDUCATION CORE REQUIREMENTS**

ECE 210	Introduction to Early Childhood Education.....	2 cr.
ECE 211	Introduction to Assessment.....	1 cr.
ECE 213	Language & Literacy Development in Early Childhood.....	3 cr.
ECE 228	Developing Learning Environments .....	2 cr.
ECE 233	Pre-K Methods and Materials .....	3 cr.
ECE 236	Social/Emotional Development & Guidance in Early Childhood Education .....	2 cr.
ECE 238	Child, Family, & Community Relations.....	3 cr.
ECE 252	Stages of Child Development .....	3 cr.
ECE 254	Early Childhood Curriculum and Methods .....	2 cr.
ECE 297	Early Childhood Education Internship.....	3 cr.
ENGL 238	Children's Literature.....	3 cr.
PSYC 111	Introduction to Psychology.....	3 cr.
SPD 200	Exceptional Children.....	3 cr.
<b>Total Early Childhood Education Core Requirements</b>	.....	<b>33 credits</b>

**PROFESSIONAL CORE REQUIREMENTS**

ECE 304	Foundations of Early Childhood Education.....	3 cr.
ECE 310	Developmental/Disorders in Early Childhood Special Education.....	3 cr.
ECE 315	Early Childhood Math & Science Methods.....	3 cr.
ECE 320	Early Childhood Social Studies Methods .....	3 cr.
ECE 322	Administration & Leadership in Early Childhood Education.....	3 cr.
ECE 325	Reading & Language Arts Methods .....	4 cr.
ECE 330	Observation/Assessment Techniques in Early Childhood Education .....	3 cr.
ECE 337	Inclusion in Early Childhood Education Settings.....	3 cr.
ECE 338	Play & the Social Environment in Early Childhood Education .....	2 cr.
ECE 362	Early Childhood Humanities.....	2 cr.
ECE 428	Issues in Early Childhood Education .....	3 cr.
ECE 497	Early Childhood Internship – Field Study.....	12 cr.
EED 260	Educational Psychology.....	3 cr.
EED 290	Art for Elementary Teacher.....	2 cr.
EED 447	Multicultural Education.....	3 cr.
EED 498	Senior Capstone .....	1 cr.
<b>Total Professional Core Requirements</b>	.....	<b>53 credits</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	.....	<b>124 CREDITS</b>

**BACHELOR OF SCIENCE  
EARLY CHILDHOOD EDUCATION  
NON-TEACHING TRACK**

This program is designed for students seeking knowledge and expertise in the field of early childhood development and teaching. The curriculum includes instructional strategies, teaching methodologies, assessment techniques, theories of early childhood growth and development, and the impact of family and cultural diversity on early childhood. All courses are directly aligned with the North Dakota Early Childhood program requirements as defined by the North Dakota Education Standards and Practices Board (ESPB). The degree program has embedded practicum experiences throughout the coursework, however the non-teaching track does not require the student teaching component leading to licensure.

**GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 103	College Algebra.....	4 cr.
NAS 101 or NAS 103	Ochethi Sakowin Language I..... Introduction to Ochethi Sakowin Language, Culture & History	4 cr.
NATIVE AMERICAN STUDIES ELECTIVE	.....	3 cr.
	Select any courses from Native American Studies or Lakhotiyapi/Dakhotiyapi (100/200 level)	
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
CSCI 101	Introduction to Computers.....	3 cr.
HEALTH/PHYSICAL EDUCATION	.....	2 cr.
	Any two (2) one-hour courses or any one (1) two-hour course	
LABORATORY SCIENCE	Two (2) four-hour courses in the following areas:	
	BIOL 240 Ethnobotany.....	4 cr.
	Earth Science.....	4 cr.
<b>Total General Education Requirements</b>	.....	<b>38 credits</b>

**EARLY CHILDHOOD EDUCATION CORE REQUIREMENTS**

ECE 210	Introduction to Early Childhood Education.....	2 cr.
ECE 211	Introduction to Assessment.....	1 cr.
ECE 213	Language & Literacy Development in Early Childhood Education .....	3 cr.
ECE 228	Developing Learning Environments .....	2 cr.
ECE 233	Pre-K Methods and Materials .....	3 cr.
ECE 236	Social/Emotional Development & Guidance in Early Childhood Education.....	2 cr.
ECE 238	Child, Family, & Community Relations.....	3 cr.
ECE 252	Stages of Child Development .....	3 cr.
ECE 254	Early Childhood Curriculum and Methods .....	2 cr.
ECE 297	Early Childhood Education Internship.....	3 cr.
ENGL 238	Children's Literature .....	3 cr.
PSYC 111	Introduction to Psychology .....	3 cr.
SPD 200	Exceptional Children .....	3 cr.
<b>Total Early Childhood Education Core Requirements</b>	.....	<b>33 credits</b>



**PROFESSIONAL CORE REQUIREMENTS**

ECE 304	Foundations of Early Childhood Education .....	3 cr.
ECE 310	Developmental/Disorders in Early Childhood Special Education .....	3 cr.
ECE 315	Early Childhood Math & Science Methods .....	3 cr.
ECE 320	Early Childhood Social Studies Methods .....	3 cr.
ECE 322	Administration & Leadership in Early Childhood Education.....	3 cr.
ECE 325	Reading & Language Arts Methods .....	4 cr.
ECE 330	Observation/Assessment Techniques in Early Childhood .....	3 cr.
ECE 337	Inclusion in Early Childhood Settings.....	3 cr.
ECE 338	Play & the Social Environment in Early Childhood Education .....	2 cr.
ECE 362	Early Childhood Humanities.....	2 cr.
ECE 428	Issues in Early Childhood Education .....	3 cr.
ECE 495	Foundations of Action Research in Early Childhood Education .....	3 cr.
ECE 496	Action Research in Early Childhood Education .....	12 cr.
EED 260	Educational Psychology .....	3 cr.
EED 290	Art for Elementary Teacher .....	2 cr.
EED 447	Multicultural Education .....	3 cr.
EED 498	Senior Capstone .....	1 cr.
<b>Total Professional Core Requirements.....</b>		<b>56 credits</b>
<b>TOTAL DEGREE REQUIREMENTS.....</b>		<b>127 CREDITS</b>

## **BACHELOR OF SCIENCE ELEMENTARY EDUCATION**

### **GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 103	College Algebra .....	4 cr.
NAS 101 or NAS 103	Ochethi Sakowin Language I .....	4 cr.
NATIVE AMERICAN STUDIES ELECTIVE .....	Introduction to Ochethi Sakowin Language, Culture & History .....	3 cr.
	Select any courses from Native American Studies or Lakhotiyapi/Dakhotiyapi (100/200 level)	
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
CSCI 101	Introduction to Computers.....	3 cr.
NATIVE AMERICAN HISTORY ELECTIVE .....		3 cr.
ENGL 238	Children's Literature.....	3 cr.
NAS 110	Ochethi Sakowin Music and Dance .....	3 cr.
ART 245/246	North American Indian Art History or NA Traditional Art.....	3 cr.
HEALTH/PHYSICAL EDUCATION .....		2 cr.
	Any two (2) one-hour courses or any one (1) two-hour course	
LABORATORY SCIENCE	Three (3) four-hour courses in the following areas:	
	BIOL 240 Ethnobotany.....	4 cr.
	Physical Science.....	4 cr.
	Earth or Space Science .....	4 cr.
<b>Total General Education Requirements .....</b>		<b>54 credits</b>

### **ELEMENTARY EDUCATION CORE REQUIREMENTS**

EED 220	Geography for Teachers .....	3 cr.
EED 250	Introduction to Education .....	2 cr.
EED 254	Classroom Management.....	3 cr.
EED 256	Foundation of Education .....	3 cr.
EED 260	Educational Psychology.....	3 cr.
EED 262	Strategies, Methods & Observation in Teacher Education .....	4 cr.
EED 277	Math for Elementary Teacher I .....	3 cr.
EED 278	Math for Elementary Teacher II .....	2 cr.
EED 290	Art for Elementary Teacher.....	2 cr.
EED 298	Pre-Professional Experience .....	1 cr.
EED 301	Integrating Technology into the Classroom .....	2 cr.
EED 305	Methods of Teaching in the Elementary, Middle, or Secondary School .....	3 cr.
EED 310	Methods of Teaching Science in the Elementary School.....	2 cr.
EED 315	Methods of Teaching Math in the Elementary School .....	2 cr.
EED 320	Methods of Teaching Social Studies in the Elementary School.....	2 cr.
EED 325	Methods of Teaching Language Arts in the Elementary School.....	2 cr.
EED 330	Methods of Teaching Reading in the Elementary School .....	3 cr.
EED 335	Methods of Teaching Music in the Elementary School.....	2 cr.
EED 345	Methods of Teaching Physical Education in the Elementary School .....	2 cr.
EED 350	Curriculum Planning, Delivery, and Assessment for the Elementary, Middle, and Secondary School Setting.....	2 cr.
EED 447	Multicultural Education.....	3 cr.
EED 450	Reading Theory and Process .....	3 cr.
EED 497	Student Teaching in the Elementary School.....	12 cr.
EED 498	Senior Capstone .....	1 cr.
PSYC 111	Introduction to Psychology.....	3 cr.
PSYC 250	Developmental Psychology.....	4 cr.
SPD 200	Exceptional Children .....	3 cr.
<b>Total Elementary Education Core Requirements.....</b>		<b>77 credits</b>
<b>TOTAL DEGREE REQUIREMENTS .....</b>		<b>131 CREDITS</b>

## **BACHELOR OF SCIENCE SECONDARY SCIENCE EDUCATION**

### **GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 103	College Algebra.....	4 cr.
MATH 107	Precalculus.....	5 cr.
MATH 210	Statistics.....	3 cr.
NAS 101 or	Ochethi Sakowin Language I .....	4 cr.
NAS 103	Introduction to Ochethi Sakowin Language, Culture & History	
NATIVE AMERICAN STUDIES ELECTIVE .....		3 cr.
Select any courses from Native American Studies or Lakhotiyapi/Dakhotiyapi (100/200 level)		
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
CSCI 101	Introduction to Computers.....	3 cr.
PSYC 111	Introduction to Psychology.....	3 cr.
HEALTH/PHYSICAL EDUCATION.....		2 cr.
Any two (2) one-hour courses or any one (1) two-hour course		
<b>Total General Education Requirements.....</b>		<b>41 credits</b>

### **SECONDARY SCIENCE EDUCATION CORE REQUIREMENTS**

EED 250	Introduction to Education .....	2 cr.
EED 254	Classroom Management.....	3 cr.
EED 256	Foundation of Education .....	3 cr.
EED 260	Educational Psychology.....	3 cr.
EED 298	Pre-Professional Experience .....	1 cr.
EED 301	Integrating Technology into the Classroom .....	2 cr.
EED 350	Curriculum Planning, Delivery, and Assessment for the Elementary, Middle, and Secondary School Setting.....	2 cr.
EED 447	Multicultural Education .....	3 cr.
EED 495	Teaching Reading in the Content Area.....	2 cr.
EED 498	Senior Capstone .....	1 cr.
PSYC 250	Developmental Psychology.....	4 cr.
SED 390	School Science Safety .....	2 cr.
SED 400	Methods & Materials of Secondary Science Education .....	4 cr.
SED 497	Student Teaching in the Secondary School.....	12 cr.
SPD 200	Exceptional Children .....	3 cr.
<b>Total Secondary Science Education Core Requirements.....</b>		<b>47 credits</b>

**CORE REQUIREMENTS - BIOLOGY**

BIOL 150	General Biology I.....	4 cr.
BIOL 151	General Biology II.....	4 cr.
BIOL 240	Ethnobotany .....	4 cr.
and either		
BIOL 224	General Ecology.....	4 cr.
or		
ENS 113	Introduction to Environmental Science .....	4 cr.
300/400 LEVEL BIOLOGY ELECTIVES .....		8 cr.
<b>Total Biology Core Requirement .....</b>		<b>24 credits</b>

**CORE REQUIREMENTS - CHEMISTRY**

CHEM 115	Introduction to Chemistry .....	4 cr.
300/400 LEVEL CHEMISTRY ELECTIVES .....		8 cr.
<b>Total Chemistry Core Requirement.....</b>		<b>12 credits</b>

**CORE REQUIREMENTS - GEOLOGY**

GEOL 100	Earth Science.....	4 cr.
GEOLOGY ELECTIVES .....		8 cr.
<b>Total Geology Core Requirement.....</b>		<b>12 credits</b>

**CORE REQUIREMENTS - PHYSICS**

PHYS 102	Physical Science .....	4 cr.
or		
PHYS 211	Physics I.....	4 cr.
or		
PHYS 110	Astronomy .....	4 cr.
<b>Total Physics Core Requirement.....</b>		<b>4 credits</b>

<b>Total Science Core Requirements.....</b>		<b>52 credits</b>
<b>TOTAL DEGREE REQUIREMENTS.....</b>		<b>140 CREDITS</b>

## **MASTER OF EDUCATION CURRICULUM AND INSTRUCTION**

The graduate program in Education, with a specialization in Curriculum and Instruction, will assist graduate students in developing skills sets and understanding in curriculum, instruction, and assessment. Graduate students will be exposed to and challenged in the areas of research, writing, critical thinking, and practicums. Graduate students will be exposed to both theory and practice in their research, textual readings, and classroom discussions, with experiential learning (i.e., practicums) being strongly emphasized.

This program is intended to: 1). Assist current teachers develop their skills sets and understanding of curriculum, instruction, and assessment; or 2). Assist graduate students, who do not have a background in teaching, develop skills sets necessary for an administrative role (or similar role) in the field of Education. Applicants who do not have a background in teaching are encouraged to apply. Applicants with a degree in subjects that are taught at the secondary education level may be eligible for a North Dakota secondary teaching license after the successful completion of the graduate program in Education. They would need to contact the Education Standards and Practices Board (ESPB) in North Dakota about licensing requirements. For applicants who do not have a teaching background, this degree program may serve to be useful in administrative roles in the field of Education, and possibly other discipline areas.

### **CORE REQUIREMENTS**

EED 501	Advanced Foundations in Education .....	3 cr.
EED 510	Differentiated Instruction .....	2 cr.
EED 520	Multicultural Education: Theory & Practice .....	3 cr.
EED 522	Models of Teaching & Learning .....	3 cr.
EED 525	Critique & Design of Research.....	2 cr.
EED 526	Research Writing.....	1 cr.
EED 527	Statistics.....	3 cr.
EED 528	Educational Assessment.....	3 cr.
EED 530	Curriculum Design & Core Requirements.....	2 cr.
EED 540	Education Law & Ethics .....	3 cr.
EED 550	Advanced Integration of Technology into the Classroom .....	2 cr.
EED 560	Field Experience .....	1 cr.
<b>Total Core Requirements .....</b>		<b>28 credits</b>

### **SPECIALIZATION/EMPHASIS COURSES (MUST TAKE A MINIMUM OF 4 CREDITS IN RESEARCH OR SCHOLARLY SUBJECT AREAS)**

EED 570	Research Seminar I .....	1 cr.
EED 571	Research Seminar II .....	2 cr.
EED 572	Research Presentation .....	1 cr.
EED 580	Scholarly Project Seminar I.....	1 cr.
EED 581	Scholarly Project Seminar II.....	2 cr.
EED 582	Scholarly Project Presentation.....	1 cr.
<b>Total Specialization/Emphasis Requirements .....</b>		<b>4 credits</b>
<b>TOTAL DEGREE REQUIREMENTS.....</b>		<b>32 CREDITS</b>



# ***DIVISION OF ENGINEERING***

## ***Associate of Arts – Pre-engineering***

### **PROGRAM OUTCOMES FOR ASSOCIATE OF ARTS IN PRE-ENGINEERING**

1. The student will apply knowledge of Chemistry, Physics, mathematics through Calculus II, and introductory engineering to the analysis of engineering problems.
2. The student will conduct experiments and analyze and interpret data.
3. The student will design a system, component, or process to meet desired needs within realistic constraints at a level typical of a beginning 3<sup>rd</sup> year undergraduate in an ABET (Accreditation Board for Engineering and Technology, Inc.) accredited engineering program.
4. The student will function on teams having a diversity of educational, occupational, and cultural backgrounds.
5. The student will identify, formulate, and solve engineering problems at a level typical of a beginning 3<sup>rd</sup> year undergraduate in an ABET accredited engineering program.

## **ASSOCIATE OF ARTS PRE-ENGINEERING**

This program is designed to prepare students for transfer to a four-year institution of higher learning in an engineering discipline. Students who complete this program will have a background in mathematics, science, and engineering that enables them to succeed in the 3rd and 4th year of an ABET accredited 4-year engineering program.

### **GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 165	Calculus I .....	4 cr.
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
NAS 101 or	Ochethi Sakowin Language I .....	4 cr.
NAS 103	Introduction to Ochethi Sakowin Language, Culture & History	
CSCI 101	Introduction to Computers.....	3 cr.
HUMANITIES or SOCIAL & BEHAVIORAL SCIENCE	.....	6 cr.
	Select any two (2) courses from: Arts, English, History, Humanities, Music, Native American Studies, Philosophy, Anthropology, Criminal Justice, Economics, Geography, Human Services, Political Science, Psychology, and Sociology	
HEALTH/PHYSICAL EDUCATION	.....	2 cr.
	Any two (2) one-hour courses or any one (1) two-hour course	
CHEM 121	General Chemistry I .....	4 cr.
CHEM 122	General Chemistry II .....	4 cr.
or PHYS 251	University Physics I .....	4 cr.
<b>Total General Education Requirements</b>	.....	<b>41 credits</b>

### **CORE REQUIREMENTS**

ENGR 115	Introduction to the Engineering Profession w/CAD.....	4 cr.
ENGR 221	Statics .....	3 cr.
ENGR 222	Dynamics .....	3 cr.
MATH 129	Basic Linear Algebra .....	2 cr.
MATH 166	Calculus II .....	4 cr.
PHYS 252	University Physics II .....	4 cr.
PRE-ENGINEERING ELECTIVE	.....	3-4 cr.
	Select any one (1) course from: Pre-Engineering, Math, Science or Computer Science	

### **CORE REQUIREMENTS-MATH**

	Select two (2) courses	
MATH 102	Intermediate Algebra.....	4 cr.
or MATH 103	College Algebra.....	4 cr.
MATH 105	Trigonometry .....	2 cr.
or MATH 107	Precalculus.....	5 cr.
MATH 265	Calculus III .....	4 cr.
MATH 266	Differential Equations.....	3 cr.
<b>Total Core Requirements</b>	.....	<b>29-32 credits</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	.....	<b>70-73 CREDITS</b>



# ***DIVISION OF MATH AND SCIENCE***

## ***Associate of Science – Environmental Science***

### **PROGRAM OUTCOMES FOR ASSOCIATE OF SCIENCE IN ENVIRONMENTAL SCIENCE:**

The student will describe and show competency in the following issues associated with environmental science:

1. The proper use of environmental sampling equipment and current technology in the classroom and in the field according to accepted "Standard Methods";
2. The ability to conduct field sampling and monitoring of air, water, soil, and biomass using appropriate sampling equipment according to accepted "Standard Methods";
3. The ability to conduct an environmental site assessment;
4. The ability to describe, orally and in writing, the similarities and differences between traditional and modern views of the
5. Earth;
6. The ability to demonstrate an understanding of methodology in science research;
7. The ability to describe biological, chemical, and physical influences on environmental media;
8. The ability to describe transport mechanisms for contaminants as they travel through various environmental media; and
9. The demonstration of general knowledge of environmental issues and develops an understanding of environmental impacts resulting from human activities



## ***Bachelor of Science – Environmental Science***

### **PROGRAM OUTCOMES FOR BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE:**

The student will describe and show competency in the following issues associated with environmental science:

1. The proper use of environmental sampling equipment and current technology in the classroom and in the field according to accepted "Standard Methods";
2. The ability to design and conduct a field or laboratory study using appropriate sampling equipment and techniques according to accepted "Standard Methods";
3. The ability to describe the similarities and differences between traditional and modern views of the Earth;
4. The ability to describe biological, chemical, and physical influences on environmental media, including human health effects;
5. The ability to describe transport mechanisms for contaminants as they travel through various environmental media;
6. The ability to develop a professional research proposal and demonstrate the various steps of the scientific method in the design;
7. The ability to develop and present a professional research presentation and answer questions in an appropriate manner;
8. The ability to produce a final report of a research project that effectively provides a general narrative of the student's research;
9. The skill to integrate GPS/GIS technology into presentations; and
10. The competency of developing a wildlife conservation and management plan applicable to the needs of the Standing Rock Sioux Reservation and/or the Cheyenne River Sioux Reservation.

## ***Masters of Science – Environmental Science***

### **PROGRAM OUTCOMES FOR MASTERS OF SCIENCE IN ENVIRONMENTAL SCIENCE:**

The student will show competency and mastery in the following skill sets associated with environmental sciences:

1. The student will develop scientific critical thinking skills.
2. The student will demonstrate the ability to articulate knowledge of environmental science, methodologies, and policy both in writing and orally.
3. The student will synthesize a cogent research thesis inclusive of appropriate statistical analysis.
4. The student will demonstrate an understanding of Native Science as it relates to the Lakota/Dakota culture, while maintaining the balance with and the integrity of Western Science.

## **ASSOCIATE OF SCIENCE ENVIRONMENTAL SCIENCE**

This program is designed to prepare students for employment or transfer to the Bachelors of Science in Environmental Science or other institutions of higher learning in such areas as wildlife management, environmental quality, and range and grassland management.

### **GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 102	Intermediate Algebra or higher .....	4 cr.
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
NAS 101 or	Ochethi Sakowin Language I .....	4 cr.
NAS 103	Introduction to Ochethi Sakowin Language, Culture & History	
CSCI 101	Introduction to Computers.....	3 cr.
BIOL 150	General Biology I.....	4 cr.
HUMANITIES or SOCIAL & BEHAVIORAL SCIENCE	.....	3 cr.
	Select any one (1) course from: Arts, English, History, Humanities, Music, Native American Studies, Philosophy, Anthropology, Criminal Justice, Economics, Geography, Human Services, Political Science, Psychology, and Sociology	
HEALTH/PHYSICAL EDUCATION	.....	2 cr.
	Any two (2) one-hour courses or any one (1) two-hour course	
<b>Total General Education Requirements</b>	.....	<b>34 credits</b>

### **CORE REQUIREMENTS**

BIOL 224	General Ecology.....	4 cr.
CHEM 115/121	Introduction to Chemistry or General Chemistry I.....	4 cr.
ENS 113	Introduction to Environmental Science .....	4 cr.
ENS 202	Environmental Issues.....	2 cr.
ENS 225	Environmental Sampling .....	4 cr.
ENS 240	Environmental Statistics.....	3 cr.
ENS 260	Environmental Research Project I .....	2 cr.
ENS 261	Environmental Research Project II .....	2 cr.
ENS 297	Environmental Science Internship .....	3 cr.
ENS 299	Special Topics.....	1 cr.
Elective - (SELECT A TOTAL OF 3-4 CREDIT HOURS)		
ARSC 236	Introduction to Range Management.....	3 cr.
BIOL 240	Ethnobotany .....	4 cr.
ENS 216	Wildlife Management & Conservation.....	4 cr.
SOIL 210	Introduction to Soil Science .....	4 cr.
<b>Total Core Requirements</b>	.....	<b>32-33 credits</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	.....	<b>66-67 CREDITS</b>

## **BACHELOR OF SCIENCE ENVIRONMENTAL SCIENCE**

The agencies and organizations where students with degrees in environmental science are obtaining jobs vary greatly. To date, SBC has placed students locally at the Standing Rock Sioux Tribe Environmental Protection Agency, the Cheyenne River Tribe Game and Fish Department, Sitting Bull College, the Standing Rock Sioux Tribe Department of Environmental Regulation, the U.S. Game and Fish Department, MRI Water, and with private farms and ranches.

In addition, to the ample areas of employment available to SBC's environmental science graduates, there are many opportunities available to students pursuing work experiences through internships. SBC environmental science students have conducted work experience internships with the following agencies and organizations: the Natural Resource and Conservation Service, Sioux County Extension, National Aeronautical and Space Administration (NASA), the University of Minnesota, Iowa State University, the United States Forest Service, Sitting Bull College, the Standing Rock Sioux Tribe Environmental Protection Agency, the Standing Rock Sioux Tribe Game and Fish Department, Oahe Veterinary Hospital, and the Experimental Program to Stimulate Cooperative Research (EPSCoR). Many of these entities have expressed a genuine need exists in finding qualified personnel that have a bachelor of science degree in environmental science or a natural resources-related field. Advancement in careers is also contingent on obtaining a degree at the B.S. level or higher for nearly all federal and state agencies, as well as with many tribal organizations. The B.S. degree in environmental science from Sitting Bull College will provide SBC graduates with a degree that will allow them to compete for jobs and receive career advancement, while obtaining their B.S. degree in environmental science locally.

Graduates from SBC's environmental science program will provide essential support for managing local natural resources. Standing Rock Sioux Tribal agencies have expressed an interest in hiring SBC's graduates and those applicants who have showed a dedication to management and an appreciation of field work experience.

### **REQUIREMENTS:**

Successful completion of an Associate of Science degree in Environmental Science is required for admission. Requirements for graduation are as follows:

1. Completion of all course work in the curriculum.
2. A minimum of a 2.0 cumulative grade point average.
3. A minimum of 40 credit hours of 300 and 400 level course work.
4. Completion of research project.

### **Environmental Science Course-Transfer Policy**

The following policy will guide the transferability of 100- and 200-level courses from other institutions which are similar to specific required courses within the Professional Core Requirements of the B.S. Environmental Science degree plan. **Although certain courses may be substituted with proper documentation, students will need to take additional 300+ electives in order to fulfill the 46-credit (300+) core requirements.**

- 100-200 level courses may be accepted in place of taking a redundant upper-division course with a similar title, if the course contains more than 75% of similar material from an accredited program and the student completed the course with a "C" (2.0) or better.
- The transfer of a 100-200 level *Introduction to GIS/GPS* course will include the above requirements and the additional requirement of passing the *Sitting Bull College GIS Basic Skills Examination* by answering more than 80% of the questions correctly.

## BACHELOR OF SCIENCE ENVIRONMENTAL SCIENCE

### GENERAL EDUCATION REQUIREMENTS

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 103	College Algebra.....	4 cr.
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
NAS 101 or	Ochethi Sakowin Language I .....	4 cr.
NAS 103	Introduction to Ochethi Sakowin Language, Culture & History	
NATIVE AMERICAN STUDIES ELECTIVE .....		3 cr.
Select any one (1) course from Native American Studies		
CSCI 101	Introduction to Computers.....	3 cr.
HUMANITIES or SOCIAL & BEHAVIORAL SCIENCE .....		3 cr.
Select any one (1) course from: Arts, English, History, Humanities, Music, Native American Studies, Philosophy, Anthropology, Criminal Justice, Economics, Geography, Human Services, Political Science, Psychology, and Sociology		
HEALTH/PHYSICAL EDUCATION.....		2 cr.
Any two (2) one-hour courses or any one (1) two-hour course		
BIOL 150	Biology I .....	4 cr.
CHEM 115/121	Introduction to Chemistry or General Chemistry I.....	4 cr.
<b>Total General Education Requirements.....</b>		<b>41 credits</b>

### ENVIRONMENTAL SCIENCE CORE REQUIREMENTS

BIOL 224	General Ecology.....	4 cr.
ENS 113	Introduction to Environmental Science .....	4 cr.
ENS 202	Environmental Issues.....	2 cr.
ENS 225	Environmental Sampling .....	4 cr.
ENS 240	Environmental Statistics.....	3 cr.
ENS 260	Environmental Research Project I .....	2 cr.
ENS 261	Environmental Research Project II .....	2 cr.
ENS 297	Environmental Science Internship .....	3 cr.
CHEM 116	Introduction to Organic and Biochemistry .....	4 cr.
SOIL 210	Introduction to Soil Science .....	4 cr.
ARSC 236	Range Management.....	3 cr.
Electives	100+ Level.....	4-5 cr.
<b>Total Environmental Science Core Requirements .....</b>		<b>39-40 credits</b>

### PROFESSIONAL CORE REQUIREMENTS

CHEM 403	Analytical Chemistry.....	3 cr.
ENS 301	Hydrology .....	3 cr.
ENS 311	Introduction to GIS/GPS .....	3 cr.
ENS 321	Environmental Chemistry .....	3 cr.
ENS 331	Wildlife Conservation .....	4 cr.
ENS 422	Environmental Toxicology .....	3 cr.
ENS 432	Aquatic Ecosystems.....	3 cr.
ENS 452	Science Literature .....	3 cr.
ENS 453	Environmental Law and Policy.....	3 cr.
ENS 493	Senior Research .....	3 cr.
MATH 314	Applied Statistics.....	3 cr.
SOIL 431	Soil Conservation and Management.....	3 cr.
Electives	300+ Level.....	9 cr.
<b>Total Professional Core Requirements.....</b>		<b>46 credits</b>
<b>TOTAL DEGREE REQUIREMENTS.....</b>		<b>126-127 CREDITS</b>

## **ADMISSIONS REQUIREMENTS FOR THE MASTER'S IN ENVIRONMENTAL SCIENCE PROGRAM**

Potential students must submit an application package by the application deadline April 30<sup>th</sup>. Interested individuals will be encouraged to visit SBC and the ENS (Environmental Science) faculty before applying to the graduate program.

### **Requirements of Application Package:**

1. Complete an application for enrollment at SBC
2. Official transcripts from all previous colleges and universities
3. GRE scores
4. Three (3) Letters of Recommendation
5. Curriculum Vitae
6. Letter of Intent – In this letter, the applicant should discuss research interests, academic goals, career goals, and reasons for wanting to attend graduate school. The applicant should discuss how previous work, academic, and personal experiences have prepared them for graduate education and have shaped their research interests.

Applications that are missing any of the above requirements will not be reviewed. All information can be sent to the Office of the Registrar, 9299 Highway 24, Fort Yates, ND 58538.

### **Criteria for Admissions:**

1. Completion of a Bachelor's degree in Environmental Science or related field by the spring semester in which applying.
2. Cumulative GPA of 3.0 or higher
3. Combined GRE scores of 300 or higher
4. Demonstration of readiness for graduate school and scientific research – should be revealed in Letter of Recommendations, CV, and Letter of Intent
5. Students with poor GPAs or GRE scores should still apply. Applicants should use the Letter of Intent and CV to highlight academic and career accomplishments. Students with a good record of research and work experience may still be accepted even though the cumulative GPA or GRE scores are lower than the admission standards.

### **Pre-Admission:**

Applicants that meet the admissions criteria will be asked to interview with ENS faculty before final acceptance into the ENS graduate program is approved. In interviews with ENS faculty, both the applicant and the faculty will determine if the ENS graduate program is a good fit for the applicant. During the interviews, the applicant can ask questions about the program and research projects. Faculty can further determine if the student is truly prepared for graduate school at SBC.

### **Special Notes**

SBC will be offering the Master's in ENS using a cohort model. Therefore, admission will be on a competitive basis. The first cohort will focus on water quality for field research, so it is highly suggested that applicants have an interest in working in this area.

The program will be offering courses during the day and evening and the program will require an extensive amount of research/field time. It is anticipated that the program will take between two to three years to complete. Therefore, it is highly encouraged that selected participants not hold full-time employment during this period. If the participant does have full-time employment it is highly encouraged that a commitment is received from their employer understanding that the participant will be required to take course(s) and do research/field time during working hours. Half time assistantships may be available for participants in the program, depending on grant funds.

## **MASTER'S OF SCIENCE ENVIRONMENTAL SCIENCE**

The graduate program in Environmental Science (ENS) is an extension and builds off of the college's current A.S. and B.S. programs. The program description for the B.S. program states that it:

... is designed to provide students with a background sufficient to make them competitive in the workplace for careers in environmental science, natural resource management, wildlife management, and other science-related disciplines. The program will prepare students to conduct scientific research using methodology necessary to attain results that will be used for science-related, managerial decisions.

The graduate program will build upon the objectives of the B.S. program by allowing students to gain greater skills in specific areas.

### **CORE REQUIREMENTS**

ENS 500	Graduate Research Seminar .....	2 cr.
ENS 511	Advanced Experimental Design .....	3 cr.
ENS 515	Advanced Statistics .....	3 cr.
ENS 520	Advanced Techniques in GIS .....	3 cr.
ENS 542	Environmental Policy & Resource Management .....	3 cr.
ENS 545	Applying Dakota/Ochethi Sakowin Culture to Environmental Science .....	3 cr.
ENS 550	Conservation Biology .....	3 cr.
ENS 600	Research and Thesis .....	6-9 cr.
<b>Total Core Requirements .....</b>		<b>26-29 credits</b>

### **SPECIALIZATION/EMPHASIS COURSES (MUST TAKE A MINIMUM OF 12 CREDITS)**

ENS 522	Advanced Remote Sensing and Digital Image Processing .....	3 cr.
ENS 530	Limnology .....	3 cr.
ENS 532	Watershed Analysis .....	3 cr.
ENS 552	Avian Ecology .....	3 cr.
ENS 554	Grassland Ecology .....	3 cr.
ENS 556	Ecology of Invasive Species .....	3 cr.
ENS 558	Restoration Ecology .....	3 cr.
ENS 560	Advanced Water and Soil Biogeochemistry .....	3 cr.
ENS 562	Microbial Ecology .....	3 cr.
ENS 570	Climate Change .....	3 cr.
ENS 572	Environmental Water Quality .....	3 cr.
ENS 580	Advanced Water Sampling Techniques .....	3 cr.
<b>Total Specialization/Emphasis Requirements .....</b>		<b>12+ credits</b>
<b>TOTAL DEGREE REQUIREMENTS .....</b>		<b>38+ CREDITS</b>



# ***DIVISION OF NATIVE AMERICAN STUDIES***

## ***Associate of Science/Certificates – Lakhotiyapi/Dakhotiyapi***

### **PROGRAM OUTCOMES FOR CERTIFICATE/ASSOCIATE OF SCIENCE DEGREE IN LAKHOTIYAPI/DAKHOTIYAPI:**

1. The student will demonstrate a knowledge base of the Ochethi Sakowin Language using best practices in the following areas:
  - a) language acquisition
  - b) field methods
  - c) practical applications
  - d) teaching techniques

## ***Associate of Arts – Native American Studies***

### **PROGRAM OUTCOMES FOR ASSOCIATE OF ARTS DEGREE IN NATIVE AMERICAN STUDIES:**

1. Students will read, write, understand, and speak the Ochethi Sakowin language at an intermediate level.
2. Through effective oral and written communication, students will identify and describe major legal and social challenges that Native people face today.
3. Students will identify key aspects of Ochethi Sakowin history, institutions, and values, and describe why these aspects are important to the Ochethi Sakowin.

## ***Bachelor of Arts – Native American Studies***

### **PROGRAM OUTCOMES FOR BACHELOR OF ARTS DEGREE IN NATIVE AMERICAN STUDIES:**

The Bachelor of Arts in Native American Studies will facilitate the achievement of Sitting Bull College's overall mission to build intellectual capital and promote economic and social development by preparing students to be community-centered leaders. Upon completion of the program:

1. Students will read, write, understand, and speak the Ochethi Sakowin language proficiently both in and outside the classroom.
2. Students will identify the challenges that Native people face today through effective oral and written communication.
3. Students will demonstrate knowledge of Ochethi Sakowin history, institutions, values, by applying such teachings in personal, public and academic situations.

**CERTIFICATE  
LAKHOTIYAPI/DAKHOTIYAPI I**

**GENERAL EDUCATION REQUIREMENTS**

ENGL 100	Applied English or higher .....	3 cr.
MATH 100	Applied Math or higher .....	3 cr.
SOC 120	Transitions-Graduation & Beyond .....	2 cr.

**Total General Education Requirements..... 8 credits**

**CORE REQUIREMENTS**

METHODS COURSE OPTIONS ..... 6 cr.

Select any six (6) courses from: LDL 101 Teaching Ochethi Sakowin Level I Methods A, LDL 102 Teaching Ochethi Sakowin Level II Methods A, LDL 103 Teaching Ochethi Sakowin Level III Methods A, LDL 104 Teaching Ochethi Sakowin Level IV Methods A, LDL 105 Teaching Ochethi Sakowin Level V Methods A, LDL 106 Teaching Ochethi Sakowin Level 1 & II Methods A, LDL 107 Teaching Ochethi Sakowin Level III & IV Methods A, LDL 108 Teaching Ochethi Sakowin Grammar I

LDL 110	Ochethi Sakowin Phonology I .....	1 cr.
LDL 124	Intensive Ochethi Sakowin for Elementary I .....	1 cr.
LDL 125	Intensive Ochethi Sakowin for Elementary II .....	1 cr.
LDL 126	Intensive Ochethi Sakowin for Elementary III .....	1 cr.

**Total Core Requirements ..... 10 credits**

**TOTAL CERTIFICATE REQUIREMENTS ..... 18 CREDITS**

Student's must follow SBC's admissions requirements and may be required to complete a College Writing Preparation and College Math Preparation course(s) before enrolling in certificate courses.

**CERTIFICATE  
LAKHOTIYAPI/DAKHOTIYAPI II  
(Requires LakhotiYapi/DakhotiYapi Certificate I)**

**CORE REQUIREMENTS**

METHODS COURSE OPTIONS ..... 3 cr.

Select any three (3) courses from: LDL 201 Teaching Ochethi Sakowin Level I Methods B, LDL 202 Teaching Ochethi Sakowin Level II Methods B, LDL 203 Teaching Ochethi Sakowin Level III Methods B, LDL 204 Teaching Ochethi Sakowin Level IV Methods B, LDL 205 Teaching Ochethi Sakowin Level V Methods A, LDL 206 Teaching Ochethi Sakowin Level 1 & II Methods B, LDL 207 Teaching Ochethi Sakowin Level III & IV Methods B, LDL 208 Teaching Ochethi Sakowin Grammar II

LDL 210	Ochethi Sakowin Inflectional Morphology I .....	1 cr.
LDL 211	Ochethi Sakowin Syntax I .....	1 cr.
LDL 212	Ochethi Sakowin Phonology II .....	1 cr.
LDL 223	Intensive Ochethi Sakowin for Pre-Intermediates III.....	1 cr.
LDL 233	Immersion Methods III.....	1 cr.

LITERACY DEVELOPMENT COURSE OPTIONS ..... 2 cr.

Select any two (2) courses from: LDL 240 Process Writing I, LDL 241 Ochethi Sakowin Reading I, LDL 242 Discursive Narrative & Recording I, LDL 243 Field Methods/Transcription I

PRACTICAL APPLICATIONS, FIELD METHODS & MATERIALS CREATION COURSE OPTIONS .... 1 cr.

Select any one (1) course from: LDL 250 Indigenous Language I, LDL 251 Ochethi Sakowin Song & Dance, LDL 252 Northern Plains Sign Language

**Total Core Requirements ..... 11 credits**

**Total LakhotiYapi/DakhotiYapi Certificate I Requirements ..... 18 CREDITS**

**TOTAL CERTIFICATE REQUIREMENTS ..... 29 CREDITS**

Student's must follow SBC's admissions requirements and may be required to complete a College Writing Preparation and College Math Preparation course(s) before enrolling in certificate courses.



## **ASSOCIATE OF SCIENCE LAKHOTIYAPI/DAKHOTIYAPI**

This program is useful for individuals interested in studying the Ocheti Sakowin language, becoming teachers or working in various tribal programs on Standing Rock and Ocheti Sakowin speaking communities.

### **GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I.....	3 cr.
ENGL 120	Composition II.....	3 cr.
COMM 110	Fundamentals of Public Speaking.....	3 cr.
MATH 102	Intermediate Algebra or higher.....	4 cr.
PSYC 100	First Year Learning Experience.....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
OCHETHI SAKOWIN LANGUAGE.....		3 cr.
NAS 101 Ocheti Sakowin Language I or LDL 121 Intensive Ocheti Sakowin for Beginners I, LDL 122 Intensive Ocheti Sakowin for Beginners II & LDL 123 Intensive Ocheti Sakowin for Beginners III.....		3 cr.
CSCI 101	Introduction to Computers.....	3 cr.
HUMANITIES or SOCIAL & BEHAVIORAL SCIENCE.....		6 cr.
Select any two (2) courses from: Arts, English, History, Humanities, Music, Native American Studies, Philosophy, Anthropology, Criminal Justice, Economics, Geography, Human Services, Political Science, Psychology, and Sociology		
HEALTH/PHYSICAL EDUCATION.....		2 cr.
Any two (2) one-hour courses or any one (1) two-hour course		
LABORATORY SCIENCE.....		4 cr.
Any one (1) four-hour laboratory science course		
<b>Total General Education Requirements.....</b>		<b>36 credits</b>

### **CORE REQUIREMENTS**

METHODS COURSE OPTIONS.....		3 cr.
Select any three (3) courses from: LDL 101 Teaching Ocheti Sakowin Level I Methods A, LDL 102 Teaching Ocheti Sakowin Level II Methods A, LDL 103 Teaching Ocheti Sakowin Level III Methods A, LDL 104 Teaching Ocheti Sakowin Level IV Methods A, LDL 105 Teaching Ocheti Sakowin Level V Methods A, LDL 106 Teaching Ocheti Sakowin Level 1 & II Methods A, LDL 107 Teaching Ocheti Sakowin Level III & IV Methods A, LDL 108 Teaching Ocheti Sakowin Grammar I		
METHODS COURSE OPTIONS.....		3 cr.
Select any three (3) courses from: LDL 201 Teaching Ocheti Sakowin Level I Methods B, LDL 202 Teaching Ocheti Sakowin Level II Methods B, LDL 203 Teaching Ocheti Sakowin Level III Methods B, LDL 204 Teaching Ocheti Sakowin Level IV Methods B, LDL 205 Teaching Ocheti Sakowin Level V Methods A, LDL 206 Teaching Ocheti Sakowin Level 1 & II Methods B, LDL 207 Teaching Ocheti Sakowin Level III & IV Methods B, LDL 208 Teaching Ocheti Sakowin Grammar II		
LIGUISTICS COURSE OPTIONS.....		3 cr.
Select any three (3) courses from: LDL 110 Ocheti Sakowin Phonology I, LDL 210 Ocheti Sakowin Inflectional Morphology, LDL 211 Ocheti Sakowin Syntax I, LDL 212 Ocheti Sakowin Phonology II		
LDL 221	Intensive Ocheti Sakowin for Pre-Intermediates I.....	1 cr.
LDL 222	Intensive Ocheti Sakowin for Pre-Intermediates II.....	1 cr.
LDL 223	Intensive Ocheti Sakowin for Pre-Intermediates III.....	1 cr.
IMMERSION METHODS & STRUCTURCE COURSE OPTIONS.....		2 cr.
Select any two (2) courses from: LDL 231 Immersion Methods I, LDL 232 Immersion Methods II, LDL 233 Immersion Methods III		
LITERACY DEVELOPMENT COURSE OPTIONS.....		2 cr.
Select any two (2) courses from: LDL 240 Process Writing I, LDL 241 Ocheti Sakowin Reading I, LDL 242 Discursive Narrative & Recording I		
PRACTICAL APPLICATIONS, FIELD METHODS & MATERIALS CREATION COURSE OPTIONS.....		2 cr.
Select any two (2) courses from: LDL 250 Indigenous Language I, LDL 251 Ocheti Sakowin Song & Dance, LDL 252 Northern Plains Sign Language		
LAKHOTIYAPI/DAKHOTIYAPI ELECTIVES.....		6 cr.
Six (6) credit hours should be selected carefully by the student and advisor from the Lakhotiyapi/Dakhotiyapi courses.		
<b>Total Core Requirements.....</b>		<b>24 credits</b>
<b>TOTAL DEGREE REQUIREMENTS.....</b>		<b>60 CREDITS</b>

## **ASSOCIATE OF ARTS NATIVE AMERICAN STUDIES**

Native American Studies (NAS) at Sitting Bull College is an interdisciplinary program that engages with Native American life through history, the social sciences, cultural studies, and philosophy. With a focus on Lakota/Dakota language and culture, the Native American Studies Division seeks to develop student understanding of traditional and contemporary Native life and aims to prepare students for the current challenges that are unique to Native peoples. Therefore, in addition to courses in language and culture, Native American Studies offers courses in indigenous language loss and language revitalization, federal Indian policy, tribal governance, methods in indigenous research, and other relevant topics.

### **GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 103	College Algebra.....	4 cr.
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
NAS 101	Ochethi Sakowin Language I.....	4 cr.
CSCI 101	Introduction to Computers.....	3 cr.
HUMANITIES or SOCIAL & BEHAVIORAL SCIENCE	.....	6 cr.
	Select any two (2) courses from: Arts, English, History, Humanities, Music, Native American Studies, Philosophy, Anthropology, Criminal Justice, Economics, Geography, Human Services, Political Science, Psychology, and Sociology	
HEALTH/PHYSICAL EDUCATION	.....	2 cr.
	Any two (2) one-hour courses or any one (1) two-hour course	
LABORATORY SCIENCE	.....	8 cr.
	Any two (2) four-hour laboratory science courses	
<b>Total General Education Requirements</b>	.....	<b>41 credits</b>

### **CORE REQUIREMENTS**

	Art Course .....	3 cr.
	Select one: ART 145, ART 146, ART 245, ART 246, ART 247, NAS 110, or NAS 213	
NATIVE AMERICAN HISTORY:	.....	3 cr.
	Select one: NAS 107, NAS 108, or NAS 109	
NAS 102	Ochethi Sakowin Language for Elementary Learners .....	4 cr.
NAS 120	Ochethi Sakowin Teachings I .....	1 cr.
NAS 121	Ochethi Sakowin Teachings II .....	1 cr.
NAS 122	Ochethi Sakowin Teachings III .....	1 cr.
NAS 123	Ochethi Sakowin Teachings IV .....	1 cr.
NAS 204	Native American Governments: Traditional and Contemporary .....	3 cr.
NAS 208	Ochethi Sakowin Tradition, Philosophy, and Spirituality.....	3 cr.
NAS 211	Ochethi Sakowin Language for Pre-Intermediates .....	4 cr.
NAS 212	Ochethi Sakowin Language for Intermediates.....	4 cr.
<b>Total Core Requirements</b>	.....	<b>28 credits</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	.....	<b>69 CREDITS</b>

## **BACHELOR OF ARTS NATIVE AMERICAN STUDIES**

The institutional mission of Sitting Bull College reads as follows: “Guided by Lakota/Dakota culture, values, and language, Sitting Bull College is committed to building intellectual capital through academic, career and technical education, and promoting economic and social development.” The Bachelor of Arts in Native American Studies helps fulfill Sitting Bull College’s institutional mission by helping students not only learn and understand Ocethi Sakowin culture, values and language, but also by helping students apply such knowledge as a means of overcoming the challenges that our communities face today.

### **GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 103	College Algebra.....	4 cr.
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
NAS 101	Ochethi Sakowin Language I .....	4 cr.
CSCI 101	Introduction to Computers.....	3 cr.
<b>HUMANITIES or SOCIAL &amp; BEHAVIORAL SCIENCE</b> .....		<b>6 cr.</b>
Select any two (2) courses from: Arts, English, History, Humanities, Music, Native American Studies, Philosophy, Anthropology, Criminal Justice, Economics, Geography, Human Services, Political Science, Psychology, and Sociology		
<b>HEALTH/PHYSICAL EDUCATION</b> .....		<b>2 cr.</b>
Any two (2) one-hour courses or any one (1) two-hour course		
<b>LABORATORY SCIENCE</b> .....		<b>8 cr.</b>
Any two (2) four-hour laboratory science courses		
<b>Total General Education Requirements</b> .....		<b>41 credits</b>

### **NATIVE AMERICAN STUDIES CORE REQUIREMENTS**

Art Course .....		3 cr.
Select one: ART 145, ART 146, ART 245, ART 246, ART 247, NAS 110, or NAS 213		
<b>NATIVE AMERICAN HISTORY:</b> .....		<b>3 cr.</b>
Select one: NAS 107, NAS 108, or NAS 109		
NAS 102	Ochethi Sakowin Language for Elementary Learners .....	4 cr.
NAS 120	Ochethi Sakowin Teachings I .....	1 cr.
NAS 121	Ochethi Sakowin Teachings II .....	1 cr.
NAS 122	Ochethi Sakowin Teachings III .....	1 cr.
NAS 123	Ochethi Sakowin Teachings IV .....	1 cr.
NAS 204	Native American Governments: Traditional and Contemporary .....	3 cr.
NAS 208	Ochethi Sakowin Tradition, Philosophy, and Spirituality.....	3 cr.
NAS 210	Ochethi Sakowin Language for Pre-Intermediates .....	4 cr.
NAS 211	Ochethi Sakowin Language for Intermediates.....	4 cr.
<b>Total Native American Studies Core Requirements</b> .....		<b>28 credits</b>

### **PROFESSIONAL CORE REQUIREMENTS**

NAS 301	Ochethi Sakowin Language for Advanced Intermediates.....	4 cr.
NAS 302	Ochethi Sakowin Language for Proficient Learners .....	4 cr.
NAS 311	Native American Women .....	3 cr.
NAS 419	Native Sovereignty & Decolonization .....	3 cr.
NAS 421	Ochethi Sakowin Social & Kinship Systems .....	3 cr.
NAS 431	Traditional Ochethi Sakowin Leadership .....	3 cr.
NAS 497	Native American Studies Capstone Course .....	1 cr.
NAS Electives	300+ Level.....	24 cr.
Electives	300+ Level.....	12 cr.
<b>Total Professional Core Requirements</b> .....		<b>57 credits</b>
<b>TOTAL DEGREE REQUIREMENTS</b> .....		<b>126 CREDITS</b>



# ***DIVISION OF NURSING***

## ***Associate of Science – Practical Nursing***

### **PROGRAM OUTCOMES FOR ASSOCIATE OF SCIENCE DEGREE IN PRACTICAL NURSING:**

1. The student will practice holistic, safe, technical nursing care in meeting the health care needs of individuals and families across the lifespan, regardless of cultural background.
2. The student will demonstrate technical level skill in critical thinking, communication, and therapeutic nursing interventions.
3. The student will utilize the nursing process to give culturally focused care.
4. The student will demonstrate effective promotion of wellness and balance across the lifespan and transitions of living in the present world with individuals, vulnerable populations, and various other professionals in a variety of settings such as community health care agencies, outpatient settings, and long term care settings.
5. The student will practice within the ethical and legal guidelines of the Nurse Practices Act.
6. The student will demonstrate leadership skills consistent with the role of a practical nurse in collaboration with registered nurses, advanced practice registered nurses, or licensed practitioners.

## **ASSOCIATE OF SCIENCE PRACTICAL NURSING**

The Practical Nursing Program is a fully accredited program that is an integral part of Sitting Bull College. This technical program exists to create the vision and behavior of a balanced, responsible, holistic health care practitioner. The primary aim of this program is to facilitate the development of competent practical nurses prepared to serve in an evolving health care environment.

### **GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 102	Intermediate Algebra or higher .....	4 cr.
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
NAS 101 or NAS 103	Ochethi Sakowin Language I .....	4 cr.
	Introduction to Ochethi Sakowin Language, Culture & History	
CSCI 101	Introduction to Computers.....	3 cr.
HPER 200	Nutrition .....	2 cr.
PSYC 111	Introduction to Psychology .....	3 cr.
BIOL 220	Anatomy and Physiology I .....	4 cr.
<b>Total General Education Requirements.....</b>		<b>34 credits</b>

### **CORE REQUIREMENTS**

BIOL 202	Microbiology .....	4 cr.
BIOL 230	Anatomy and Physiology II .....	4 cr.
NURS 101	Introduction to the Nursing Profession.....	1 cr.
NURS 201	Holistic Health Assessment Across the Lifespan.....	3 cr.
NURS 205	Basic Pharmacology for Nurses.....	2 cr.
NURS 206	Fundamental Nursing Interventions .....	3 cr.
NURS 206C	Fundamental Nursing Interventions (Nursing Practice Experience) .....	1 cr.
NURS 231	Mental Health/Behavioral Health Nursing .....	2 cr.
NURS 245	Nursing Care of Families .....	4 cr.
NURS 246	Nursing Care Across the Lifespan .....	9 cr.
NURS 297	Capstone Experience in Nursing .....	1 cr.
PSYC 255	Child and Adolescent Psychology.....	3 cr.
<b>Total Core Requirements .....</b>		<b>37 credits</b>

**TOTAL DEGREE REQUIREMENTS..... 71 CREDITS**

### **Requirements:**

- Prerequisites for entry to the nursing courses with NURS 205 and above require the student to submit a formal application for admission to the nursing division and provide proof of current certification in Basic Life Support and AED for Healthcare Providers
- All students in the nursing program must have a C or above in BIOL 220, BIOL 230, BIOL 202, HPER 200, NURS 101, PSYC 111 with a cumulative GPA of 2.3 or higher prior to registering in NURS 206.
- All students in the nursing program will be required to complete a background check, a physical exam including current TB testing, periodic drug screening, and documentation of immunization status. This will be required prior to taking NURS 206C. The criminal background check may be completed during NURS 206. Criminal background checks and periodic drug screenings will be done as needed for clinical placements and as determined by the program faculty.
- All students in the nursing program must complete Core Requirements with a C or above and maintain a cumulative grade point average of 2.3 or greater to remain in the program.
- Transfer students must take NURS 205 and above at Sitting Bull College to complete the nursing degree from Sitting Bull College.

### **ADMISSION REQUIREMENTS**

Admission into the Division of Division of Nursing degree program is not automatic. Declaring nursing as a major does not guarantee acceptance into the formal program. All students must apply and be accepted into the formal program prior to taking NURS206C.

**Formal Program Admission Requirements:**

1. Admission to Sitting Bull College
2. A grade of C or higher in the prerequisite courses: BIOL 220, BIOL 230, BIOL 202, NURS 101, PSYC 111, HPER 200. NOTE: Enrollment in BIOL 230 and BIOL 202 may be concurrent with application for admission to the program.
3. A cumulative grade point average (GPA) of 2.3 or better.  
Conditional admission may be granted to a student with a cumulative GPA of less than 2.3 upon review by the Nursing Department faculty and the Director of the Nursing Department. If conditional admission is granted, the student may be required to retake courses and complete other work. A conditional student will be required to raise cumulative GPA to 2.3 or higher.
4. Submission of a formal letter requesting admission to the nursing program. This letter must be accompanied by two letters of recommendation – one of which must be from a Sitting Bull College faculty member who has had the student as a student in class.
5. An interview with the nursing faculty may be required.
6. Documentation of possession of the physical capabilities to perform in the role of health care professional as demonstrated by submitting a record of a current (within three months of application) physical examination.
7. Documentation of health requirements as outlined in the nursing student handbook.
8. Documentation of current certification in Basic Life Support and AED for Healthcare Providers. Students will be required to keep these certifications current during their time in the nursing program. The student must provide the nursing director with a photocopy of their certificates each time they renew them.
9. Federal Criminal Background Check. A Federal Criminal Background Check will be done no later than the first month of classes after admission to the nursing program.
10. Tribal Background Check may be requested due to clinical agency requests or other circumstances. (If this check is requested it is done at the student's own expense.)

Once accepted into a Division of Nursing program, a candidate must maintain a cumulative grade-point average of 2.3 or greater in order to remain in the program.

**TRANSFER STUDENTS AND CERTIFICATE LPNS:**

The admission requirements for the formal nursing program must be met by transferring students and certificate LPNs. In addition the student must provide official transcripts from their previous course work. Students may be required to repeat some courses to insure their success in this program.

A review of the student's skill competency will be part of the admission process.

Transfer students must take NURS 205 and above at Sitting Bull College to complete the nursing degree from Sitting Bull College.

**STUDENT CLINICAL EXPERIENCES**

The Division of Nursing makes every effort to place students in a setting with the least hardship for the student. However, any student who does not meet the requirements for placement with the clinical agencies will be unable to continue in the formal nursing program.

Students must pass the clinical component of each nursing course in order to successfully pass the course. If a student fails in the clinical setting they fail the course. NOTE: Any student who misses two clinicals fails the course and must repeat the entire course.

In addition, if a student fails to complete a major assignment, they also fail the course, regardless of the number of points earned in the course. All major assignments must be completed and passed to pass the course.

Any student who fails a nursing course two (2) times or two (2) or more nursing courses in the same semester must reapply for admission to the nursing program.

Readmission to the Formal Program:

Students who have been accepted into the formal nursing program and fail to progress through their core NURS courses (NURS 205 and above) may apply for readmission. They must meet the admission requirements for the formal nursing program at the time of reapplication. A review of their skills competency will be part of the readmission process.

Students may apply for readmission one time only. A second fail from the formal nursing program precludes the student from further involvement with the nursing degree at Sitting Bull College.

**OTHER ISSUES TO CONSIDER**

- At times candidates will be required to attend classes during the day, evening, and weekends.
- Full-time, daytime attendance will be required at various times of your program.
- Graduation from the program does not guarantee licensure to practice.



## ***DIVISION OF SOCIAL AND BEHAVIORAL SCIENCE***

### ***Associate of Applied Science – Lay Advocate/Paralegal***

#### **PROGRAM OUTCOMES FOR ASSOCIATE OF APPLIED SCIENCE DEGREE IN LAY ADVOCATE/PARALEGAL:**

1. The student will demonstrate knowledge of the Constitutional and legal foundations of American law.
2. The student will demonstrate an understanding of the powers and limitations of Indian law based on federal law and legal precedent.
3. The student will demonstrate a foundational understanding of civil and criminal law sufficient to obtain entry-level employment as a paralegal or to represent Tribal constituents as a lay advocate in Tribal courts.

### ***Associate of Science – Criminal Justice***

#### **PROGRAM OUTCOMES FOR ASSOCIATE OF SCIENCE DEGREE IN CRIMINAL JUSTICE:**

1. The student will demonstrate a working knowledge of the Constitutional and legal foundations of American law.
2. The student will demonstrate an understanding of the powers and limitations of Indian law based on federal law and legal precedent.
3. The student will demonstrate a basic understanding of the various theories of deviant behavior and society's responses to such behavior.

### ***Associate of Science – Human Service Technician***

#### **PROGRAM OUTCOMES FOR ASSOCIATE OF SCIENCE DEGREE IN HUMAN SERVICES TECHNICIAN:**

1. The student will demonstrate the ability to effectively communicate with clients and other professionals verbally and in writing.
2. The student will demonstrate knowledge of social and human service delivery systems and their role within the local and regional community:
  - a) Role Identification
  - b) Agency Planning, Budgeting, Management
  - c) Legal and Ethical
3. The student will apply systematic procedure to identify problems, provide therapeutic supportive and preventive services.



### ***Bachelor Science – Social Work***

#### **PROGRAM OUTCOMES FOR BACHELOR OF SCIENCE DEGREE IN SOCIAL WORK:**

1. The student will display professional and ethical demeanor throughout their program of study by putting into practice professional and ethical behavior learned in the program.
2. The student will demonstrate knowledge and sensitivity of global cultures/ethnicities and an awareness of diverse engagement with a focus on the Lakota/Dakota culture.
3. The student will participate in positive social change and social justice practices throughout the program of study.
4. The student will engage in evidence based practice methods of study throughout the program and internship opportunity.
5. Students will engage in policy practice through policy reviews and analysis.
6. The student will demonstrate a variety of engagement methods when working with individuals, families, groups, organizations and communities.
7. Students will demonstrate their ability to assess individuals, families, groups, organizations and communities.
8. The student will utilize a variety of intervention strategies when working with individuals, families, groups, organizations and communities.
9. Students will demonstrate a variety of evaluation methods to utilize while working with individuals, families, groups, organizations and communities.

## **ASSOCIATE OF APPLIED SCIENCE LAY ADVOCATE/PARALEGAL**

The purpose of the Lay Advocate/Paralegal program is to (1) provide the necessary skills, knowledge, and ethical foundation to prepare graduates to practice as lay advocates in Tribal Courts in conformance with all constitutional, legal, procedural and cultural values and traditions and/or (2) provide the necessary knowledge and skills to prepare graduates for entry-level employment as a paralegal.

### **GENERAL EDUCATION REQUIREMENTS**

ENGL	110	Composition I .....	3 cr.
COMM	110	Fundamentals of Public Speaking .....	3 cr.
MATH	101	Pre-Algebra or higher .....	3 cr.
PSYC	100	First Year Learning Experience .....	3 cr.
SOC	120	Transitions-Graduation & Beyond.....	2 cr.
NAS 101 or		Ochethi Sakowin Language I .....	4 cr.
NAS 103		Introduction to Ochethi Sakowin Language, Culture & History	
CSCI	101	Introduction to Computers .....	3 cr.
HEALTH/PHYSICAL EDUCATION.....			2 cr.
Any two (2) one-hour courses or any one (1) two-hour course			
<b>Total General Education Requirements.....</b>			<b>23 credits</b>

### **CORE REQUIREMENTS**

ENGL	120	English II .....	3 cr.
CJ	201	Introduction to Criminal Justice.....	3 cr.
CJ	203	Interviewing & Interrogation .....	3 cr.
CJ	205	Indian Law.....	3 cr.
CJ	208	Family Law.....	3 cr.
CJ	209	Will, Probate, and Property Law .....	3 cr.
CJ	210	Legal Research, Writing, and Case Analysis .....	3 cr.
CJ	215	Criminal Procedure .....	3 cr.
CJ	225	Introduction to American Courts .....	3 cr.
CJ	230	Criminal Law .....	3 cr.
CJ	231	Contracts and Torts .....	3 cr.
CJ	235	Criminal Evidence .....	3 cr.
CJ	260	Ethics in Criminal Justice .....	3 cr.
CJ	265	Trial Techniques .....	3 cr.
<b>Total Core Requirements .....</b>			<b>42 credits</b>
<b>TOTAL DEGREE REQUIREMENTS.....</b>			<b>65 credits</b>

**ASSOCIATE OF SCIENCE  
CRIMINAL JUSTICE PROGRAM**

By teaching the fundamentals of criminal justice and critical and creative thinking skills, the Criminal Justice program is designed to endow students with the fundamental knowledge to move on to a four-year institution of higher learning or enter careers in one of the major components of the American or Tribal criminal justice systems – law enforcement, the courts, or corrections – or allied fields.

**GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 102	Intermediate Algebra or higher .....	4 cr.
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
NAS 101 or	Ochethi Sakowin Language I .....	4 cr.
NAS 103	Introduction to Ochethi Sakowin Language, Culture & History	
CSCI 101	Introduction to Computers.....	3 cr.
HUMANITIES or SOCIAL & BEHAVIORAL SCIENCE	.....	3 cr.
	Select any one (1) course from: Arts, English, History, Humanities, Music, Native American Studies, Philosophy, Anthropology, Criminal Justice, Economics, Geography, Human Services, Political Science, Psychology, or Sociology	
HEALTH/PHYSICAL EDUCATION	.....	2 cr.
	Any two (2) one-hour courses or any one (1) two-hour course	
LABORATORY SCIENCE	.....	4 cr.
	Any one (1) four-hour laboratory science course	
<b>Total General Education Requirements</b>	.....	<b>34 CREDITS</b>

**CORE REQUIREMENTS**

CJ 201	Introduction to Criminal Justice .....	3 cr.
CJ 203	Interviewing & Interrogation .....	3 cr.
CJ 205	Indian Law .....	3 cr.
CJ 215	Criminal Procedure .....	3 cr.
CJ 225	Introduction to American Courts .....	3 cr.
CJ 230	Criminal Law .....	3 cr.
CJ 235	Criminal Evidence .....	3 cr.
CJ 245	Survey of Forensic Sciences .....	3 cr.
CJ 252	Criminology .....	3 cr.
CJ 260	Ethics in Criminal Justice .....	3 cr.
CJ 297	Criminal Justice Internship/Capstone Experience .....	3 cr.
<b>Total Core Requirements</b>	.....	<b>33 CREDITS</b>

**CORE REQUIREMENTS CRIMINAL JUSTICE ELECTIVES – (Select 1 Course)**

PSYC 111	Introduction to Psychology .....	3 cr.
CJ 208	Family Law .....	3 cr.
CJ 210	Legal Research, Writing, and Case Analysis.....	3 cr.
CJ 226	Criminal Investigations .....	3 cr.
CJ 253	Juvenile Justice .....	3 cr.
CJ 265	Trial Techniques.....	3 cr.
CJ 270	Introductions to Corrections .....	3 cr.
CJ 290	Criminal Behavioral Analysis .....	3 cr.
<b>Total Criminal Justice Electives</b>	.....	<b>3 CREDITS</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	.....	<b>70 CREDITS</b>

## **ASSOCIATE OF SCIENCE HUMAN SERVICE TECHNICIAN**

The program is designed for students interested in working with people as human service workers in diverse settings or prepares students for transfer into a four-year institution of higher learning.

Students interested in this area should have a strong desire to help others, be patient, understanding, and caring in dealing with others, good verbal and written communication skills, ability to manage time effectively, problem solving skills, and knowledge of community resources.

Career opportunities include: employment in a wide variety of Human Service/Mental Health occupations. Employment in the field of human services is expected to grow faster than average for all occupations throughout the next decade due to population growth, increased demand for the care of the elderly and the disabled, and the disadvantaged. Job titles and duties in the human service field vary with the type of employer and the kinds of clients they serve. Examples of job titles include: social service technicians, case management aides, social work assistants residential counselors, mental health technicians, child abuse workers, community outreach workers and gerontology aides.

Settings that workers can be employed in include: group homes, mental retardation and community mental health centers, state, local and tribal government, programs for the elderly, hospitals, social service and mental health programs, facilities and programs for the developmentally disabled, special programs for alcoholics and drug abusers, child abuse, youth and family agencies, childcare and head start programs, and special education programs for children.

### **GENERAL EDUCATION REQUIREMENTS**

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 102	Intermediate Algebra or higher .....	4 cr.
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond .....	2 cr.
NAS 101 or	Ochethi Sakowin Language I .....	4 cr.
NAS 103	Introduction to Ochethi Sakowin Language, Culture & History	
CSCI 101	Introduction to Computers .....	3 cr.
HUMANITIES or	SOCIAL & BEHAVIORAL SCIENCE .....	3 cr.
	Select any one (1) course from: Arts, English, History, Humanities, Music, Native American Studies, Philosophy, Anthropology, Criminal Justice, Economics, Geography, Human Services, Political Science, Psychology, and Sociology	
HEALTH/PHYSICAL EDUCATION	.....	2 cr.
	Any two (2) one-hour courses or any one (1) two-hour course	
BIOL 150	General Biology .....	4 cr.
	<b>Total General Education Requirements .....</b>	<b>34 credits</b>

### **CORE REQUIREMENTS**

HS 101	Introduction to Human Services .....	3 cr.
HS 102	Interviewing I .....	3 cr.
HS 103	Interviewing II .....	3 cr.
HS 201	Case Management I .....	3 cr.
HS 202	Case Management II .....	3 cr.
HS 211	Introduction to Addictions .....	3 cr.
HS 220	Management and Administration in Human Services .....	3 cr.
HS 260	Crisis Intervention/Suicide Prevention .....	3 cr.
HS 297	Human Services Internship .....	3 cr.
PSYC 111	Introduction to Psychology .....	3 cr.
PSYC 250	Developmental Psychology .....	4 cr.
SOC 220	The Family .....	3 cr.
	<b>Total Core Requirements .....</b>	<b>37 cr.</b>
	<b>TOTAL DEGREE REQUIREMENTS .....</b>	<b>71 CREDITS</b>

## **ADMISSIONS REQUIREMENTS BACHELOR OF SCIENCE SOCIAL WORK**

- Successful completion an Associate's degree in Social Work or Human Services
- Cumulative grade point average of 2.75
- Complete Social Work Application which includes:
  - Letter of recommendation that can attest to the applicant's potential success in working in the field of Social Work.
  - Personal statement answering the following questions:
    - What has brought you to the desire to enter the field of Social Work?
    - What skills, abilities, values, and characteristics do you have the will be important to your success in the field of Social Work?
    - Describe your short and long term goals and how reaching these goals will impact your life and your community.
  - Program admission interview.
  - Curriculum Vitae
  - **Note:** Arrests, charges, or convictions of criminal offenses may limit professional licensure and/or employment possibilities.

### **PROGRAM OUTCOMES FOR BACHELOR OF SCIENCE DEGREE IN SOCIAL WORK:**

1. The student will display professional and ethical demeanor throughout their program of study by putting into practice professional and ethical behavior learned in the program.
2. The student will demonstrate knowledge and sensitivity of global cultures/ethnicities and an awareness of diverse engagement with a focus on the Lakota/Dakota culture.
3. The student will participate in positive social change and social justice practices throughout the program of study.
4. The student will engage in evidence based practice methods of study throughout the program and internship opportunity.
5. Students will engage in policy practice through policy reviews and analysis.
6. The student will demonstrate a variety of engagement methods when working with individuals, families, groups, organizations and communities.
7. Students will demonstrate their ability to assess individuals, families, groups, organizations and communities.
8. The student will utilize a variety of intervention strategies when working with individuals, families, groups, organizations and communities.
9. Students will demonstrate a variety of evaluation methods to utilize while working with individuals, families, groups, organizations and communities.

## BACHELOR OF SCIENCE SOCIAL WORK

This program is designed for students who wish to pursue further knowledge, education and skills in the Human Services area as a Social Worker and for those who wish to master their skills leading to a professional license to practice.

This program looks in depth into the social, cultural, behavioral, economical, and criminal justice aspects of individuals and communities as well as the functions of society. This program will also take an in-depth look at the Indian Child Welfare Act and the cultural component of providing services in Native communities.

### GENERAL EDUCATION REQUIREMENTS

ENGL 110	Composition I .....	3 cr.
ENGL 120	Composition II .....	3 cr.
COMM 110	Fundamentals of Public Speaking .....	3 cr.
MATH 102	Intermediate Algebra or higher .....	4 cr.
PSYC 100	First Year Learning Experience .....	3 cr.
SOC 120	Transitions-Graduation & Beyond.....	2 cr.
NAS 101 or	Ochethi Sakowin Language I .....	4 cr.
NAS 103	Introduction to Ochethi Sakowin Language, Culture & History	
CSCI 101	Introduction to Computers.....	3 cr.
HUMANITIES or SOCIAL & BEHAVIORAL SCIENCE .....		3 cr.
	Select any one (1) course from: Arts, English, History, Humanities, Music, Native American Studies, Philosophy, Anthropology, Criminal Justice, Economics, Geography, Human Services, Political Science, Psychology, and Sociology	
HEALTH/PHYSICAL EDUCATION .....		2 cr.
	Any two (2) one-hour courses or any one (1) two-hour course	
BIOL 150	General Biology.....	4 cr.
<b>Total General Education Requirements.....</b>		<b>34 credits</b>

### SOCIAL WORK CORE REQUIREMENTS

HS 101	Introduction to Human Services .....	3 cr.
HS 102	Interviewing I .....	3 cr.
HS 103	Interviewing II .....	3 cr.
HS 201	Case Management I.....	3 cr.
HS 202	Case Management II.....	3 cr.
HS 211	Introduction to Addictions.....	3 cr.
HS 220	Management and Administration in Human Services.....	3 cr.
HS 260	Crisis Intervention/Suicide Prevention .....	3 cr.
HS 297	Human Services Internship.....	3 cr.
MATH 210	Elementary Statistics.....	3 cr.
NAS 204	Native American Government: Traditional and Contemporary .....	3 cr.
NAS 208	Ochethi Sakowin Traditions, Philosophy, and Spirituality .....	3 cr.
PSYC 111	Introduction to Psychology .....	3 cr.
PSYC 250	Developmental Psychology.....	4 cr.
PSYC 270	Abnormal Psychology .....	3 cr.
SOC 220	The Family .....	3 cr.
<b>Total Social Work Core Requirements.....</b>		<b>49 cr.</b>

**PROFESSIONAL CORE REQUIREMENTS**

SWK 300	Child Welfare.....	3 cr.
SWK 330	Human Behavior and the Social Environment .....	3 cr.
SWK 335	Social Work Methods I: Work with Individuals and Families .....	3 cr.
SWK 340	Development of Social Welfare.....	3 cr.
SWK 350	Interpersonal Skills.....	3 cr.
SWK 356	Social Welfare Policy and Social Justices .....	3 cr.
SWK 364	Ethical Social Work Practice .....	3 cr.
SWK 401	Help for the Professional.....	1 cr.
SWK 435	Social Work Methods II: Work with Groups and Communities .....	3 cr.
SWK 442	Research Methods in Social Work.....	3 cr.
SWK 490	Field Internship.....	12 cr.
SWK 491	Senior Seminar .....	1 cr.
<b>Total Professional Core Requirements.....</b>		<b>41 credits</b>
<b>TOTAL DEGREE REQUIREMENTS.....</b>		<b>124 CREDITS</b>