NORTH DAKOTA
UNIVERSITY SYSTEM

Access - General

June 2010   # State Grant Program

The North Dakota Student Financial Assistance Program (State Grant) provides $1,200 non-repayable grants each year to North Dakota residents pursuing undergraduate degrees at North Dakota's public, private and tribal colleges. The purpose of these need-based grants is to assist students with the cost of attending North Dakota postsecondary institutions. A State Grant also reduces the amount of money a student needs to borrow for his or her education.

- More than 36,000 North Dakota students applied for a state grant in 2009-10. The State Grant Program was able to fund 7,865 needy students or about 21 percent. For 2009-10, the greatest unmet need of a State Grant Program recipient was $16,512. Unmet need for this program is calculated as follows: cost of education minus parent/student expected contribution and minus the Federal Pell Grant equals unmet need. For academic year 2009-10, State Grant dollars were exhausted at an unmet need figure of $1,483. In other words, those students demonstrating an unmet need of $1,482 or less did not receive State Grant support. Historically, of the over 30,000 students who apply for the State Grant program each year, over 20,000 students exhibit some type of unmet financial aid need.

- State funding to support the State Grant Program in 2009-11 is equivalent to 5 percent of annual tuition collections.

- The State Grant Program has a federal maintenance of effort (MOE) requirement. Under federal law, states are required to meet or exceed the maintenance of effort requirement to ensure continued federal financial aid funding. The MOE requirement is the average expenditure of non-federal dollars for the past three years.

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State Grant Program (cont.)

	Public Institution	Private Non-Profit 4-Year Colleges & Hospital School of Nursing	Native American Community Colleges	Total
Students Receiving State Grants Awarded by Institution Type				
2010-2011 School Year (Estimate. Still in awarding process)				
# Applying 25,974				
# of Students Receiving Awards	6,264	1,172	376	7,810
$ Awarded	$7,515,254	$1,405,800	$451,200	$9,372,254
% of Total $ Awarded	80%	15%	5%	100%
% of all ND Students Attending College	%	%	%	100%
2009-2010 School Year				
# Applying 36,572				
# of Students Receiving Awards	6,257	1,075	533	7,865
$ Awarded	$6,803,350	$1,151,845	$567,000	$8,522,195
% of Total $ Awarded	80%	14%	6%	100%
% of all ND Students Attending College	88%	8%	4%	100%
2008-2009 School Year				
# Applying 36,073				
# of Students Receiving Awards	3,235	556	90	3,881
$ Awarded	$2,392,273	$428,571	$62,400	$2,883,244
% of Total $ Awarded	83%	15%	2%	100%
% of all ND Students Attending College	87%	9%	4%	100%

ANALYSIS OF STATE GRANT
RECIPIENTS AND EXPENDITURES
BY TYPE OF INSTITUTION

	2008-09		2009-10		2010-11	
	Dollars	# of Awards	Dollars	# of Awards	Dollars	# of Awards
PUBLIC FOUR-YEAR					Projected 06/28/10 (JO40A)	
Dickinson State Univ.	$153,200	209	$361,800	337	$489,600	408
Mayville State Univ.	66,800	93	$167,725	158	$182,400	152
Minot State Univ.	277,611	376	$821,768	761	$933,165	778
ND State University	675,200	895	$1,950,379	1,782	$2,086,109	1,738
University of ND	548,000	721	$1,557,000	1,394	$1,627,200	1,356
Valley City State Univ.	82,556	111	$206,637	188	$258,483	215
TOTAL	$1,803,367	2,405	$5,065,309	4,620	$5,576,957	4,647
% of Total Dollars	62.5%		59.4%		55.5%	
PUBLIC TWO-YEAR						
Bismarck State College	$310,500	442	$922,980	877	$1,235,188	1,029
ND State College of Science	132,806	182	$392,852	359	$561,000	468
Dakota College at Bottineau**	44,000	61	$122,400	116	$150,000	125
Lake Region State College****	68,800	95	$202,630	191	$247,800	207
Williston State College****	32,800	50	$97,179	94	$131,060	109
Ft. Berthold CC	6,400	12	$45,600	45	$33,600	28
Sitting Bull College*	2,800	4	$61,200	58	$73,200	61
Turtle Mt. CC	46,000	63	$258,600	239	$228,000	190
United Tribes Tech. College	4,000	6	$150,600	145	$176,400	147
Cankdeska Cikana CC***	3,200	5	$51,000	46	$62,400	52
TOTAL	$651,306	920	$2,305,041	2,170	$2,898,648	2,416
% of Total Dollars	22.6%		27.0%		28.8%	
PRIVATE FOUR-YEAR						
Jamestown College	$131,371	169	$263,245	230	$207,600	173
Trinity Bible College	17,600	24	$44,400	37	$40,800	34
University of Mary	260,400	338	$581,400	510	$708,600	591
TOTAL	$409,371	531	$889,045	777	$957,000	798
% of Total Dollars	14.2%		10.4%		9.5%	
HOSPITAL SCHOOLS						
MedCenter One	$19,200	25	$64,200	54	$42,000	35
TOTAL	$19,200	25	$64,200	54	$42,000	35
% of Total Dollars	0.7%		0.8%		0.4%	
PROPRIETARY FOUR-YEAR						
Rasmussen College-Fargo*****			$198,600	244	$364,800	304
Rasmussen College-Bismarck*****					$214,800	179
TOTAL	$0	0	$198,600	244	579,600	483
% of Total Dollars	0.0%		2.3%		5.8%	
GRAND TOTAL	$2,883,244	3,881	$8,522,195	7,865	$10,054,205	8,379

State Grant Program
Budget Overview/Status

	General Fund	Federal Funds	Total Funds
2009-11 Appropriation	$ 19,025,594	$ 348,428	$ 19,374,022
2007-09 Carryover	553,546		553,546
2009-11 Adjusted Appropriation	$ 19,579,140	$ 348,428	$ 19,927,568

FY10 Awards, Net of Refunds as of 6/28/10 (7,865 awards)			(8,523,595)
Balance Available for FY11			$ 11,403,973
FY11 Awarded to date, as of 6/28/10 * (9,501 awards)			$ 10,054,205

*Based on past experience, not all of these students will accept the award, and the NDUS will continue to make additional awards throughout 10-11 AY.

Projected Carryover to 2011-13	$200,000 - $300,000
2009-11 Adjusted Budget	19,927,568
Estimated Total Available for 2011-13 (Est 8,400 awards per year @ $1,200)	$20,127,568 - $20,227,568

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- ## Application: Free Application For Federal Student Aid (FAFSA)

The FAFSA form is the application form all students complete to apply for various types of financial aid including the Federal Pell Grant, Federal Supplemental Education Opportunity Grant, Federal College-Work Study Program, Federal Perkins Loan Program, Federal Stafford Loan eligibility. Such information as family income, assets, size of family, age of the older parent, etc., are all reported on the FAFSA form. As part of this process, a federal calculation referred to as the Federal Needs Analysis Methodology (as approved by the U.S. Department of Education) computes an expected family contribution (EFC), which is the amount of money the federal government determines a family unit must contribute towards a student's education.

- ## How is eligibility for State Grant Program determined?

Currently, eligibility for the State Grant Program is determined by assigning to each applicant a "student budget," better known as "cost of education." The cost of education for the SSIG Program includes such things as tuition, fees, room, board, books and supplies, and miscellaneous expenses (example: personal items). At a NDUS institution, tuition and fees account for 40 percent of the total estimated student cost, while room, board, books, supplies, travel and other expenses account for the remaining 60 percent. A higher cost of education has been consistently assigned to the private non-profit colleges because of higher tuition costs. For the 2010-11 academic year, varying State Grant budgets were used (i.e., private institutions -- $22,300; NDSU/UND -- $17,100; four-year institutions -- $14,700 and two-year institutions -- $12,200) to arrive at an UNMET NEED figure. UNMET NEED is determined as follows:

Cost of education

minus	Pell Grant award (a federal grant program)
minus	Parent contribution (amount determined by a standard formula that uses such factors as taxable and non-taxable income, assets such as savings and the value of a business, and benefits including unemployment and social security)
minus	Student contribution (amount determined by a standard formula that uses such factors as taxable and non-taxable income, assets such as savings)
equals	**UNMET NEED**

Students are ranked in descending order according to "unmet need." Grant funds are then awarded to those with the highest "unmet need," continuing down the list until available

SSIG funds are exhausted. This rank order process must be followed in order to maintain receipt of federal funding, estimated to be $350,000 in 2009-11.

In addition to financial need, below is a list of additional state and/or federal "eligibility requirements":

> Must be a citizen or national of the United States or eligible non-citizen and a North Dakota resident.

> Must be a graduate of a high school, or hold the General Equivalency Diploma (GED), and be able to meet all requirements for admission as a full-time student of an eligible institution.

> Use any grant awarded at an eligible (in-state) institution in North Dakota. (Hereafter the term "eligible institution" means an accredited public or private institution in this state.)

> Enroll as a **full-time** student as defined by the eligible institution maintain full-time enrollment over the period for which a grant is awarded.

> Enroll in a program of at least one academic year as defined by the eligible institution.

> Be a first-time undergraduate student (a non-baccalaureate or graduate-degree-holding status) during the period of the award. (Any freshman through senior student is eligible to apply.) A student may not have attended college for more than 8 semesters or 12 quarters since their high school graduation.

> Not be in default on any Federal Family Education Loan Programs.

> Not owe a refund on any Title IV grants or loans.

> Meet a March 15 top priority consideration deadline date (date received).

▪ Eligible State Grant Institutions Types:

STATE UNIVERSITIES
Dickinson State University
Mayville State University
Minot State University
North Dakota State University
University of North Dakota
Valley City State University

PRIVATE COLLEGES
Jamestown College
MedCenter One College of Nursing
Rasmussen College, Bismarck and Fargo
Trinity Bible College
University of Mary

TWO-YEAR COLLEGES
Bismarck State College
Dakota Campus Bottineau
Cankdeska Cikana Community College
Fort Berthold Community College
Lake Region State College
North Dakota State College of Science
Sitting Bull College
Turtle Mt. Community College
Williston State College

VOCATIONAL-TECHNICAL SCHOOL
United Tribes Technical College

NORTH DAKOTA
UNIVERSITY SYSTEM

Access - General

July 2010

Science, Technology, Engineering and Mathematics (STEM) Occupations Student Loan Forgiveness Program

Beginning in 2001, the North Dakota Legislature appropriated $400,000 for the North Dakota University System (NDUS) to administer a STEM occupations student loan forgiveness program. This program was formerly administered under the title "Technology Occupations Student Loan Program." The intent of this program is to reduce student loan indebtedness for individuals who have: (1) graduated in STEM-related fields and (2) been employed in STEM occupations in the state for one year.

Recipients are eligible to receive $1,500 in loan forgiveness each year they are employed in approved STEM occupations in North Dakota, up to a maximum of four years or $6,000. The Bank of North Dakota is responsible for applying and/or forwarding loan forgiveness payments. To be eligible, a recipient must have a student loan from the Bank of North Dakota or other participating lender. Individuals must apply annually for new or continued funding.

- For academic year 2009-10, 782 new and continued-funding applications were received. Of the 782 applicants, 595 were funded.

- The average student loan indebtedness of funded applicants, as reported on their applications, was $10,654.

- A breakdown of funded 2009-10 applicants by program area follows:

Program Areas of Funded Applications for 2009-10	# of Applicants Funded
Aeronautics/Aviation/Aerospace Science and Technology, General	1
Agricultural Mechanization, General	2
Agricultural/Biological Engineering and Bioengineering	9
Airline/Commercial/Professional Pilot and Flight Crew	2
Animal Sciences, General	5
Architectural Engineering Technology/Technician	7
Architecture	7
Atmospheric Sciences and Meteorology, General	2
Automobile/Automotive Mechanics Technology/Technician	1
Aviation/Airway Management and Operations	1
Biology Teacher Education	8
Biology/Biological Sciences, General	7

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Technology Occupations (cont.)

Program Areas of Funded Applications for 2009-10	# of Applicants Funded
Chemical Engineering	1
Chemistry Teacher Education	2
Chemistry, General	5
Civil Engineering Technology/Technician	11
Civil Engineering, General	60
Clinical Laboratory Science/Medical Technology/Technologist	14
Clinical/Medical Laboratory Technician	1
Computer and Information Sciences and Support Services, Other	2
Computer and Information Sciences, General	86
Computer and Information Sciences, Other	1
Computer Engineering, General	2
Computer Programming/Programmer, General	3
Computer Science	12
Computer Systems Analysis/Analyst	11
Computer Systems Networking and Telecommunications	15
Construction Engineering	9
Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	5
Diesel Mechanics Technology/Technician	5
Educational/Instructional Media Design	1
Electrical and Electronic Engineering Technologies/Technicians	10
Electrical & Power Transmission Installation/Installer, General	1
Electrical, Electronic and Communications Engineering Technology/Technician	5
Electrical, Electronics and Communications Engineering	40
Emergency Medical Technology/ Technician (EMT Paramedic)	3
Engineering Technology/General	9
Engineering, General	2
Food Science	1
Geological/Geophysical Engineering	1
Geology/Earth Science, General	4
Heating, Air Conditioning and Refrigeration Technology/Technician (ACH/ACR/ACHR/HRAC/HVAC/AC Technology	1
Industrial Engineering	10
Industrial Mechanics and Maintenance Technology	1
Industrial Production Technologies/ Technicians, Other	7
Industrial Technology/Technician	12
Lineworker	1
Machine Tool Technology/Machinist	1

Technology Occupations (cont.)

Program Areas of Funded Applications for 2009-10	# of Applicants Funded
Management Information Systems and Services, Other (some qualify)	2
Management Information Systems, General	45
Manufacturing Engineering	1
Manufacturing Technology/Technician	1
Mathematics Teacher Education	8
Mathematics, General	4
Mechanical Engineering	48
Medical Radiologic Technology/Science - Radiation Therapist	11
Microbiology, General	1
Natural Resources Management and Policy	6
Radiologic Technology/Science-Radiographer	27
Respiratory Care Therapy/Therapist	9
Small Engine Mechanics and Repair Technology/Technician	1
Statistics, General	1
Surgical Technology/Technologist	5
System, Networking, and LAN/WAN Management/Manager	5
Technology Teacher Education/ Industrial Arts Teacher Education	5
Web Page, Digital/Multimedia and Information Resources Design	1
Welding Technology/Welder	1
Wildlife Biology	3
Zoology/Animal Biology	3
TOTAL	595

- A breakdown of funded 2009-10 applicants by technology job occupations follows:

Technology Job Occupations of Funded Applicants for 2009-10	# of Applicants Funded
Administrative Services Managers	1
Agricultural and Food Science Technicians	3
Agricultural Engineers	7
Architects, Except Landscape and Naval	6
Atmospheric and Space Scientists	1
Biological Science Teachers, Postsecondary	2
Biological Scientists, All Other	1
Bus and Truck Mechanics and Diesel Engine Specialists	3
Chemical Engineers	1
Chemical Technicians	3
Chemistry Teachers, Postsecondary	1

Technology Occupations (cont.)

Technology Job Occupations of Funded Applicants for 2009-10	# of Applicants Funded
Chemists	2
Civil Engineering Technicians	12
Civil Engineers	62
Commercial Pilots	3
Computer and Information Systems Managers	7
Computer Operators	2
Computer Programmers	42
Computer Science Teachers, Postsecondary	1
Computer Software Engineers, Applications	18
Computer Software Engineers, Systems Software	2
Computer Specialists, All Other	18
Computer Support Specialists	49
Computer Systems Analysts	12
Conservation Scientists	4
Construction Managers	2
Cost Estimators	2
Diagnostic Medical Sonographers	5
Education, Training, and Library Workers, All Other	2
Electrical and Electronic Engineering Technicians	2
Electrical and Electronic Equipment Assemblers	1
Electrical and Electronics Installers and Repairers, Transportation Equipment	1
Electrical and Electronics Repairers, Commercial and Industrial Equipment	3
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	3
Electrical Engineers	34
Electrical Power-Line Installers and Repairers	1
Electro-Mechanical Technicians	3
Electronic Equipment Installers and Repairers, Motor Vehicles	1
Electronics Engineers, Except Computer	2
Emergency Medical Technicians and Paramedics	3
Engineering Managers	8
Engineering Technicians, Except Drafters, All Other	7
Engineers, All Other	16
Environmental Science and Protection Technicians, Including Health	1
Environmental Scientists and Specialists, Including Health	3
Farm Equipment Mechanics	1
Farmers and Ranchers	1

Technology Occupations (cont.)

Technology Job Occupations of Funded Applicants for 2009-10	# of Applicants Funded
First-Line Supervisors/Managers of Construction Trades and Extraction Workers	2
Food Scientists and Technologists	1
Forest and Conservation Technicians	3
Geoscientists, Except Hydrologists and Geographers	1
Graphic Designers	1
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1
Industrial Engineering Technicians	1
Industrial Engineers	10
Industrial Machinery Mechanics	2
Instructional Coordinators	3
Managers, All Other	2
Materials Scientists	1
Mathematicians	1
Mechanical Engineering Technicians	3
Mechanical Engineers	42
Medical and Clinical Laboratory Technicians	1
Medical and Clinical Laboratory Technologists	13
Metal Workers and Plastic Workers, All Other	1
Microbiologists	1
Middle School Teachers, Except Special and Vocational Educat	5
Mixing and Blending Machine Setters, Operators, and Tenders	1
Network and Computer Systems Administrators	32
Network Systems and Data Communications Analysts	3
Operations Research Analysts	1
Petroleum Engineers	1
Petroleum Pump System Operators, Refinery Operators, and Gaugers	2
Power Distributors and Dispatchers	2
Power Plant Operators	7
Radiologic Technologists and Technicians	39
Respiratory Therapists	8
Respiratory Therapy Technicians	1
Secondary School Teachers, Except Special and Vocational Education	16
Soil and Plant Scientists	1
Statisticians	1
Surgical Technologists	5
Surveying and Mapping Technicians	3

Technology Occupations (cont.)

Technology Job Occupations of Funded Applicants for 2009-10	# of Applicants Funded
Surveyors	3
Telecommunications Equipment Installers and Repairers, Except Line Installers	2
Transportation, Storage, and Distribution Managers	1
Vocational Education Teachers, Middle School	1
Vocational Education Teachers, Postsecondary	1
Vocational Education Teachers, Secondary School	2
Zoologists and Wildlife Biologists	2
TOTAL	595

North Dakota University System
Teacher and STEM Loan Forgiveness Program History

Teacher Shortage Loan Forgiveness

| | 2005-06 | 2006-07 | 2007-08 | 2008-09 | Projected (based on $1,000 awards) | | | |
					2009-10	2010-11	2011-12	2012-13
Eligible Applicants (renewed & continued)	316	286	393	377	403 *			
1st year awards	158	98	191	150	150	158	158	158
Continued awards	154	184	188	213	235	267	308	316
Total awards	312	282	379	363	385	425	466	474
Total dollars spent	$312,000	$282,000	$379,000	$363,000	$385,000	$425,000	$466,000	$474,000
Biennial total		$594,000		$742,000		$810,000		$940,000

STEM Occupation Student Loan Forgiveness

| | 2005-06 | 2006-07 | 2007-08 | 2008-09 | Projected (based on $1,500 awards) | | | |
					2009-10	2010-11	2011-12	2012-13
Eligible Applicants (renewed & continued)	195	194	351	499	782 *			
1st year awards	99	70	168	199	189	189	189	189
Continued awards	73	98	123	193	406	466	543	567
Total awards	172	168	291	392	595	655	732	756
Total dollars spent	$172,000	$168,000	$291,000	$392,000	$892,500	$982,500	$1,098,000	$1,134,000
Biennial total		$340,000		$683,000		$1,875,000		$2,232,000

* Total number of applications entered as of 7-6-2010

North Dakota University System - Table 1 STEM Program Areas and Codes
List of Active Programs 2009

(Derived from 2000 Draft CIP's, United States Department of Education)

CIP | **Program Areas**

01.0201 Agricultural Mechanization, General
- Agricultural Systems Management – NDSU

01.0205 Agricultural Mechanics and Equipment/Machine Technology
- John Deere Technology – NDSCS

01.0401 Agricultural and Food Products Processing
- Cereal Science – NDSU

01.0901 Animal Sciences, General
- Animal and Range Sciences – NDSU

01.1001 Food Science
- Food Protection – NDSU
- Food Science – NDSU

01.1102 Agronomy and Crop Science
- Plant Sciences – NDSU

01.1103 Horticultural Science
- Horticulture – NDSU

01.1105 Plant Protection and Integrated Pest Management
- Plant Protection – NDSU

01.1201 Soil Science and Agronomy, General
- Soil Science – NDSU

03.0101 Natural Resources/Conservation, General
- Environmental Technology-Natural Resource Management – DCB

03.0103 Environmental Studies
- Earth System Science and Policy – UND

03.0104 Environmental Science
- Environmental Science – FBCC, SBC

03.0201 Natural Resources Management and Policy
- Natural Resources Management – CCCC, NDSU

CIP | **Program Areas**

03.0508 Urban Forestry
- Urban Forestry Technology – DCB

03.0601 Wildlife and Wildlands Science and Management
- Fisheries and Wildlife Sciences – VCSU
- Wildlife and Fisheries Technology – DCB

04.0201 Architecture
- Architecture – NDSU

04.0401 Environmental Design/Architecture
- Environmental Design – NDSU

04.0601 Landscape Architecture
- Landscape Architecture – NDSU

11.0101 Computer and Information Sciences, General
- Computer Information Systems – MaSU, NDSCS, UM, VCSU
- Computer Science – DSU, JC, MiSU, UND

11.0103 Information Technology
- Enterprise Application – VCSU
- Information Technology – SBC

11.0199 Computer and Information Sciences, Other
- Computer Systems Technology – DCB

11.0201 Computer Programming/Programmer, General
- Computer Science Basic Programming – MiSU
- Software Systems Design – RC

11.0301 Data Processing and Data Processing Technology/ Technician
- Computer Technology Management – DSU
- Information Processing Technician – WSC
- Information Technology – MaSU

CIP | **Program Areas**

11.0401 Information Science/Studies
- Information Science – UM
- Virtual Business – MiSU

11.0501 Computer Systems Analysis/Analyst
- Information Systems – UND

11.0701 Computer Science
- Computer Science – NDSU

11.0801 Web Page, Digital/Multimedia and Information Resources Design
- Desktop & Web publishing – MiSU
- Multimedia Technologies – RC
- Web Page Development and Design – BSC

11.0901 Computer Systems Networking and Telecommunications
- Computer Applications – CCCC
- Computer Support Specialist – BSC
- Information Technology - Network Engineering – DCB

11.1002 System, Networking, and LAN/WAN Management/Manager
- Computer Systems Specialist – WSC

11.1004 Web/Multimedia Management and Webmaster
- Information Technology - Web Master – DCB

11.9999 Computer and Information Sciences and Support Services, Other
- Computer Information System (BAS) – MaSU
- Information Technology - Web Design – DCB

13.0501 Educational/Instructional Media Design
- Instructional Design & Technology – UND

13.1309 Technology Teacher Education/ Industrial Arts Teacher Education
- Education – VCSU

CIP | **Program Areas**

13.1309 Technology Teacher Education/ Industrial Arts Teacher Education
- Technology Education – DSU, UND, VCSU

13.1311 Mathematics Teacher Education
- Elementary Education/Mathematics – UND
- Math Teacher Education – UM
- Mathematics Education – DSU, JC, MaSU, MiSU, NDSU, VCSU

13.1316 Science Teacher Education/General Science Teacher Education
- Composite Science Education – VCSU
- Comprehensive Science Education – NDSU
- Earth Science Education – MiSU, NDSU
- Physical Science Education – MiSU
- Science Education – MiSU, UND
- Science Teacher Education – DSU

13.1319 Technical Teacher Education
- Career and Technical Education – UND, VCSU
- Technical Studies – LRSC

13.1322 Biology Teacher Education
- Biological Education – NDSU
- Biology Education – DSU, MiSU
- Biology Teacher Education – JC, UM
- Composite Biology Education – MaSU, VCSU

13.1323 Chemistry Teacher Education
- Chemistry Education – DSU, JC, MiSU, NDSU
- Composite Chemistry Education – MaSU, VCSU

13.1329 Physics Teacher Education
- Composite Physical Science – MaSU

• Indicates programs known to exist in North Dakota. Students graduating from comparable programs in other states are eligible when students meet North Dakota residency and other requirements.

Acronyms: BSC = Bismarck State College, DCB = Dakota College at Bottineau, DSU = Dickinson State University, FBCC = Fort Berthold Community College, JC = Jamestown College, LRSC = Lake Region State College, MaSU = Mayville State University, MiSU = Minot State University, NDSCS = North Dakota State College of Science, NDSU = North Dakota State University, RC = Rasmussen College, TMCC = Turtle Mountain Community College, UM = University of Mary, UTTC = United Tribes Technical College, UND = University of North Dakota, VCSU = Valley City State University, WSC = Williston State College

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CIP	Program Areas
13.1329	Physics Teacher Education
	• Physical Science Education – MaSU
	• Physics Education – MiSU, NDSU
14.0101	Engineering, General
	• Engineering – NDSU
	• Engineering Science – UM
14.0301	Agricultural/Biological Engineering and Bioengineering
	• Agricultural & Biosystems Engineering – NDSU
14.0701	Chemical Engineering
	• Chemical Engineering – UND
14.0801	Civil Engineering, General
	• Civil Engineering – NDSU, UND
14.0899	Civil Engineering, Other
	• Materials & Nanotechnology – NDSU
14.0901	Computer Engineering, General
	• Computer Engineering – NDSU
14.0903	Computer Software Engineering
	• Software Engr – NDSU
14.1001	Electrical, Electronics and Communications Engineering
	• Electrical & Comp Engr – NDSU
	• Electrical Engineering – NDSU, UND
14.1401	Environmental/Environmental Health Engineering
	• Environmental Engineering – NDSU
	• Environmental Geoscience – UND
14.1801	Materials Engineering
	• Materials & Nanotechnology – NDSU
14.1901	Mechanical Engineering
	• Mechanical Engineering – NDSU,UND
14.3301	Construction Engineering
	• Construction Engineering – NDSU
14.3501	Industrial Engineering
	• Industrial & Manufacturing Engr – NDSU
	• Industrial Engineering & Management – NDSU

CIP	Program Areas
14.3601	Manufacturing Engineering
	• Manufacturing Engineering – NDSU
14.3801	Surveying Engineering
	• Environmental Technology-Geographic Information Systems – DCB
14.3901	Geological/Geophysical Engineering
	• Geological Engineering – UND
14.9999	Engineering, Other
	• Engineering – UND
15.0000	Engineering Technology/General
	• Engineering Technician – BSC
15.0101	Architectural Engineering Technology/Technician
	• Architectural Drafting & Estimating Technology – NDSCS
15.0201	Civil Engineering Technology/Technician
	• Civil Engineering & Surveying Technology – NDSCS
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician
	• Electric Power Technology – BSC
	• Electrical Transmission Systems Technology – BSC
	• Electronics/Telecommunications Technology – BSC
15.0399	Electrical and Electronic Engineering Technologies/Technicians
	• Electrical Technology – NDSCS
	• Electronic Technology – NDSCS
15.0499	Electromechanical & Instrumentation and Maintenance Technologies/Technicians, Other
	• Instrumentation and Control Technologies – BSC
15.0501	Heating, Air Conditioning and Refrigeration Technology/Technician (ACH/ACR/ACHR/HRAC/HVAC/AC Technology
	• Heating, Ventilating, Air Conditioning & Refrigeration Technology – NDSCS
	• Refrigeration & Air Conditioning Technology – NDSCS

CIP	Program Areas
15.0503	Energy Management and Systems Technology/Technician
	• Energy Technician – SBC
15.0506	Water Quality and Wastewater Treatment Management and Recycling Technology/Technician
	• Environmental Technology - Water Management – DCB
	• Water Quality Technology – DCB
15.0507	Environmental Engineering Technology/Environmental Technology
	• Environmental Technology-Laboratory & Field Technician – DCB
15.0612	Industrial Technology/Technician
	• Industrial Technology – UND
	• Process Plant Technology – BSC
15.0613	Manufacturing Technology/Technician
	• Automated Manufacturing Technician – NDSCS
15.0699	Industrial Production Technologies/Technicians, Other
	• Power Plant Technology – BSC
15.0701	Occupational Safety and Health Technology/Technician
	• Occupational Safety & Environmental Health – UND
15.0903	Petroleum Technology/Technician
	• Petroleum Production Technology – WSC
15.1001	Construction Engineering Technology/Technician
	• Construction Mgmt Tech – NDSCS
15.1102	Surveying Technology/Surveying
	• Geographic Information System Technician – BSC
15.1401	Nuclear Engineering Technology/Technician
	• Nuclear Power Technology – BSC
15.9999	Engineering Technologies/Technicians, Other
	• Energy Technology – FBCC
	• Nanoscience Technology – NDSCS
26.0101	Biology/Biological Sciences, General
	• Biological Sciences – NDSU

CIP	Program Areas
26.0101	Biology/Biological Sciences, General
	• Biology – DSU, JC, MaSU, MiSU, NDSU, UM, VCSU
	• Biology/Pre-Health – UND
26.0202	Biochemistry
	• Biochemistry – JC, NDSU, UND
26.0210	Biochemistry/Biophysics and Molecular Biology
	• Biochemistry & Molecular Biology – NDSU
26.0301	Botany/Plant Biology
	• Botany – NDSU
26.0305	Plant Pathology/Phytopathology
	• Plant Pathology – NDSU
26.0403	Anatomy
	• Anatomy – UND
26.0406	Cell/Cellular and Molecular Biology
	• Cellular & Molecular Biology – NDSU
26.0502	Microbiology, General
	• Microbiology – NDSU
26.0503	Medical Microbiology and Bacteriology
	• Microbiology – UND
26.0701	Zoology/Animal Biology
	• Zoology – NDSU
26.0702	Entomology
	• Entomology – NDSU
26.0709	Wildlife Biology
	• Fisheries & Wildlife Biology – UND
26.0801	Genetics, General
	• Genomics and Bioinformatics – NDSU
26.0910	Pathology/Experimental Pathology
	• Molecular Pathogenesis – NDSU
26.1001	Pharmacology
	• Pharmacology, Physiology and Therapeutics – UND
26.1201	Biotechnology
	• Biotechnology – NDSU
26.1305	Environmental Biology
	• Environmental & Conservation Sciences – NDSU

• Indicates programs known to exist in North Dakota. Students graduating from comparable programs in other states are eligible when students meet North Dakota residency and other requirements.

CIP	Program Areas
26.9999	Biological and Biomedical Sciences, Other
	• Science – FBCC
	• Tribal Environmental Science – UTTC
27.0101	Mathematics, General
	• Mathematics – DSU, FBCC, JC, MaSU, MiSU, NDSU, UM, UND, VCSU
27.0301	Applied Mathematics
	• Applied Math, General – JC
27.0501	Statistics, General
	• Applied Statistics – NDSU
	• Statistics – NDSU
30.0101	Biological and Physical Sciences
	• Math/Science Composite – UM
30.1101	Multi/Interdisciplinary Studies
	• Gerontology – NDSU
40.0101	Physical Sciences
	• Physical Science – MiSU, UND
40.0401	Atmospheric Sciences and Meteorology, General
	• Atmospheric Sciences – UND
	• Atmospheric Studies – UND
40.0501	Chemistry, General
	• Chemistry – DSU, JC, MaSU, MiSU, NDSU, UND, VCSU
40.0507	Polymer Chemistry
	• Coatings & Polymeric Materials – NDSU
40.0601	Geology/Earth Science, General
	• Geology – MiSU, NDSU, UND
40.0801	Physics, General
	• Physics – MiSU, NDSU, UND
41.0301	Chemical Technology/Technician
	• Science Technology – NDSCS
41.9999	Science Technologies/Technicians, Other
	• Bio-fuels Technology – NDSCS
	• Nanoscience Technology – NDSCS
43.0106	Forensic Science and Technology
	• Forensic Science – UND

CIP	Program Areas
46.0303	Lineworker
	• Lineworker, Electrical – BSC
47.0101	Electrical/Electronics Equipment Installation & Repair, General
	• Electrical Wiring – UTTC
47.0104	Computer Installation and Repair Technology/Technician
	• Simulator Maintenance Technician – LRSC
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician
	• Heating, Ventilation and Air Conditioning – BSC
	• Mechanical Systems – NDSCS
	• Plumbing – FBCC
47.0303	Industrial Mechanics and Maintenance Technology
	• Mechanical Maintenance Technology – BSC
47.0604	Automobile/Automotive Mechanics Technology/Technician
	• Automotive Service Technology – UTTC
	• Automotive Technology – BSC, CCCC, LRSC, NDSCS, WSC
47.0605	Diesel Mechanics Technology/Technician
	• Caterpillar Dealer Service Technician – NDSCS
	• Diesel Technology – LRSC, NDSCS, WSC
47.0606	Small Engine Mechanics and Repair Technology/Technician
	• Recreational Engines Technology – NDSCS
47.0699	Vehicle Maintenance and Repair Technologies, Other (some qualify)
	• Automotive & Diesel Master Technician – NDSCS
48.0501	Machine Tool Technology/Machinist
	• Machinist and Toolmaker – NDSCS
48.0508	Welding Technology/Welder
	• Welding – BSC
	• Welding & Basic Machining – LRSC

CIP	Program Areas
48.0508	Welding Technology/Welder
	• Welding Technology – NDSCS
49.0101	Aeronautics/Aviation/Aerospace Science and Technology, General
	• Aeronautical Studies – UND
	• Aviation – UND
49.0102	Airline/Commercial/Professional Pilot and Flight Crew
	• Commercial Aviation – UND
49.0104	Aviation/Airway Management and Operations
	• Airport Management – UND
	• Aviation Management – UND
	• Aviation Systems Management – UND
49.0105	Air Traffic Controller
	• Air Traffic Control – UND
49.0108	Flight Instructor
	• Flight Education – UND
49.0199	Air Transportation, Other (some qualify)
	• Space Studies – UND
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)
	• EMT Paramedic Technology – BSC
51.0907	Medical Radiologic Technology/Science - Radiation Therapist
	• Radiologic Technology – JC, MiSU
51.0908	Respiratory Care Therapy/Therapist
	• Respiratory Care – NDSU, UM
51.0909	Surgical Technology/Technologist
	• Surgical Technology – BSC
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician
51.0911	Radiologic Technology/Science-Radiographer
	• Radiologic Sciences – NDSU
	• Radiologic Technology – UM
51.1002	Cytotechnology/Cytotechnologist
	• Cytotechnology – UND

CIP	Program Areas
51.1004	Clinical/Medical Laboratory Technician
	• Clinical Laboratory Technician – BSC
	• Medical Laboratory Technician – RC
51.1005	Clinical Laboratory Science/Medical Technology/Technologist
	• Clinical Laboratory Science – JC, MiSU, NDSU, UM, UND
	• Clinical Laboratory Science Management – UND
	• CLS Clinical Chemistry/Urinalysis – UND
	• CLS Hematology/Homeostasis – UND
	• CLS Immunohematology – UND
	• CLS Microbiology – UND
	• Medical Technology – JC
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other
	• Phlebotomy Technician – BSC
52.0209	Transportation/Transportation Management
	• Transportation & Logistics – NDSU
52.1201	Management Information Systems, General
	• Information Systems – MiSU
	• Information Technologies – LRSC
	• Information Technology Management – RC
	• Management Information Science – JC
	• Management Information Systems – MiSU, NDSU, UM
52.1299	Management Information Systems and Services, Other (some qualify)
	• Applied Business Information Technology – MiSU
	• Information Systems Management – RC
	• Knowledge Management – MiSU

• Indicates programs known to exist in North Dakota. Students graduating from comparable programs in other states are eligible when students meet North Dakota residency and other requirements.

North Dakota University System - Table 2. STEM Job Occupations and Codes

A degree from Table 1 is required for Table 2 occupations to qualify

(Derived from http://online.onetcenter.org/crosswalk/)

SOC	Occupation
11-3011	Administrative Services Managers
11-3021	Computer and Information Systems Managers
11-3071	Storage and Distribution Managers
11-3071	Transportation Managers
11-9011	Crop and Livestock Managers
11-9011	Nursery and Greenhouse Managers
11-9012	Farmers and Ranchers
11-9021	Construction Managers
11-9041	Engineering Managers
11-9121	Natural Sciences Managers
11-9199	Managers, All Other
13-1051	Cost Estimators
13-1081	Logisticians
15-0000	Computer and Mathematical Science Occupations
15-1011	Computer and Information Scientists, Research
15-1021	Computer Programmers
15-1021	Computer Science Teachers, Postsecondary
15-1031	Computer Software Engineers, Applications
15-1032	Computer Software Engineers, Systems Software
15-1041	Computer Support Specialists
15-1051	Computer Systems Analysts
15-1061	Database Administrators
15-1071	Computer Security Specialists
15-1071	Network and Computer Systems Administrators
15-1081	Network Systems and Data Communications Analysts
15-1099	Computer Specialists, All Other
15-2011	Actuaries
15-2021	Mathematicians
15-2031	Operations Research Analysts
15-2041	Statisticians
15-2091	Mathematical Technicians
15-2099	Mathematical Science Occupations, All Other
17-1011	Architects, Except Landscape and Naval
17-1012	Landscape Architects
17-1021	Cartographers and Photogrammetrists
17-1022	Surveyors

SOC	Occupation
17-2011	Aerospace Engineers
17-2021	Agricultural Engineers
17-2031	Biomedical Engineers
17-2041	Chemical Engineers
17-2051	Civil Engineers
17-2061	Computer Hardware Engineers
17-2071	Electrical Engineers
17-2072	Electronics Engineers, Except Computer
17-2081	Environmental Engineers
17-2111	Product Safety Engineers
17-2111	Industrial Safety and Health Engineers
17-2111	Fire-Prevention and Protection Engineers
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors
17-2112	Industrial Engineers
17-2121	Marine Engineers and Naval Architects
17-2131	Materials Engineers
17-2141	Mechanical Engineers
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers
17-2161	Nuclear Engineers
17-2171	Petroleum Engineers
17-2199	Engineers, All Other
17-3021	Aerospace Engineering and Operations Technicians
17-3022	Civil Engineering Technicians
17-3023	Electrical Engineering Technicians
17-3023	Electrical and Electronic Engineering Technicians
17-3023	Electronics Engineering Technicians
17-3024	Electro-Mechanical Technicians
17-3025	Environmental Engineering Technicians
17-3026	Industrial Engineering Technicians
17-3027	Mechanical Engineering Technicians
17-3029	Engineering Technicians, Except Drafters, All Other
17-3031	Surveying Technicians
17-3031	Mapping Technicians
19-1011	Animal Scientists
19-1012	Food Scientists and Technologists
19-1013	Soil and Plant Scientists

SOC	Occupation
19-1020	Biologists
19-1021	Biochemists and Biophysicists
19-1022	Microbiologists
19-1023	Zoologists and Wildlife Biologists
19-1029	Biological Scientists, All Other
19-1030	Conservation Scientists and Foresters
19-1031	Conservation Scientists
19-1031	Range Managers
19-1031	Park Naturalists
19-1031	Soil and Water Conservationists
19-1032	Foresters
19-1041	Epidemiologists
19-1042	Medical Scientists, Except Epidemiologists
19-1099	Life Scientists, All Other
19-2011	Astronomers
19-2012	Physicists
19-2021	Atmospheric and Space Scientists
19-2031	Chemists
19-2032	Material Scientists
19-2041	Environmental Scientists and Specialists, Including Health
19-2042	Geoscientists, Except Hydrologists and Geographers
19-2043	Hydrologists
19-2099	Physical Scientists, All Other
19-3099	Social Scientists and Related Workers, All Other
19-4011	Food Science Technicians
19-4011	Agricultural Technicians
19-4011	Agricultural and Food Science Technicians
19-4031	Chemical Technicians
19-4041	Geological and Petroleum Technicians
19-4051	Nuclear Technicians
19-4051	Nuclear Monitoring Technicians
19-4051	Nuclear Equipment Operation Technicians
19-4091	Environmental Science and Protection Technicians, Including Health
19-4092	Forensic Science Technicians
19-4093	Forest and Conservation Technicians
19-4099	Life, Physical, and Social Science Technicians, All Other

SOC	Occupation
25-1021	Computer Science Teachers, Postsecondary
25-1022	Mathematical Science Teachers, Postsecondary
25-1031	Architecture Teachers, Postsecondary
25-1032	Engineering Teachers, Postsecondary
25-1041	Agricultural Sciences Teachers, Postsecondary
25-1042	Biological Science Teachers, Postsecondary
25-1043	Forestry and Conservation Science Teachers, Postsecondary
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary
25-1052	Chemistry Teachers, Postsecondary
25-1053	Environmental Science Teachers, Postsecondary
25-1054	Physics Teachers, Postsecondary
25-1071	Health Specialties Teachers, Postsecondary
25-1081	Education Teachers, Postsecondary
25-1194	Vocational Education Teachers, Postsecondary
25-2022	Middle School Teachers, Except Special and Vocational Education
25-2023	Vocational Education Teachers, Middle School
25-2031	Secondary School Teachers, Except Special and Vocational Education
25-2032	Vocational Education Teachers, Secondary School
25-9011	Audio-Visual Collections Specialists
25-9031	Instructional Coordinators
25-9099	Education, Training, and Library Workers, All Other
27-1014	Multi-Media Artists and Animators
27-1024	Graphic Designers
29-1124	Radiation Therapists
29-1126	Respiratory Therapists
29-2011	Medical and Clinical Laboratory Technologists
29-2012	Medical and Clinical Laboratory Technicians
29-2031	Cardiovascular Technologists and Technicians
29-2032	Diagnostic Medical Sonographers
29-2033	Nuclear Medicine Technologists
29-2034	Radiologic Technologists

SOC	Occupation
29-2034	Radiologic Technologists and Technicians
29-2034	Radiologic Technicians
29-2041	Emergency Medical Technicians and Paramedics
29-2053	Psychiatric Technicians
29-2054	Respiratory Therapy Technicians
29-2055	Surgical Technologists
29-9011	Occupational Health and Safety Specialists
29-9012	Occupational Health and Safety Technicians
33-3031	Fish and Game Wardens
43-9011	Computer Operators
43-9031	Desktop Publishers
45-1011	First-Line Supervisors/Managers of Agricultural Crop and Horticultural Workers
45-1011	First-Line Supervisors/Managers of Animal Husbandry and Animal Care Workers
45-2011	Agricultural Inspectors
45-2021	Animal Breeders
45-4011	Forest and Conservation Workers
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers
47-4011	Construction and Building Inspectors
47-4021	Elevator Installers and Repairers
49-2011	Computer, Automated Teller, and Office Machine Repairers
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers
49-2091	Avionics Technicians
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles
49-3011	Aircraft Mechanics and Service Technicians
49-3023	Automotive Master Mechanics
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists
49-3041	Farm Equipment Mechanics
49-3051	Motorboat Mechanics
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics
49-3092	Recreational Vehicle Service Technicians

SOC	Occupation
49-9011	Mechanical Door Repairers
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers
49-9041	Industrial Machinery Mechanics
49-9043	Maintenance Workers, Machinery
49-9044	Millwrights
49-9045	Refractory Materials Repairers, Except Brickmasons
49-9051	Electrical Power-Line Installers and Repairers
49-9062	Medical Equipment Repairers
49-9069	Precision Instrument and Equipment Repairers, All Other
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers
49-9098	Helpers--Installation, Maintenance, and Repair Workers
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers
51-2022	Electrical and Electronic Equipment Assemblers
51-2023	Electromechanical Equipment Assemblers
51-2031	Engine and Other Machine Assemblers
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders
51-3092	Food Batchmakers
51-3093	Food Cooking Machine Operators and Tenders
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic
51-4012	Numerical Tool and Process Control Programmers
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic

SOC	Occupation
51-4041	Machinists
51-4111	Tool and Die Makers
51-4121	Solderers and Brazers
51-4121	Welders, Cutters, and Welder Fitters
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic
51-4192	Lay-Out Workers, Metal and Plastic
51-4199	Metal Workers and Plastic Workers, All Other
51-6062	Textile Cutting Machine Setters, Operators, and Tenders
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing
51-8011	Nuclear Power Reactor Operators
51-8012	Power Distributors and Dispatchers
51-8013	Power Plant Operators
51-8031	Water and Liquid Waste Treatment Plant and System Operators
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers
51-9011	Chemical Equipment Operators and Tenders
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders
51-9141	Semiconductor Processors
51-9196	Paper Goods Machine Setters, Operators, and Tenders
53-1011	Aircraft Cargo Handling Supervisors
53-2011	Airline Pilots, Copilots, and Flight Engineers
53-2012	Commercial Pilots

SOC	Occupation
53-2021	Air Traffic Controllers
53-2022	Airfield Operations Specialists
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians

NORTH DAKOTA UNIVERSITY SYSTEM
PROCEDURES MANUAL

Subject: STUDENT AFFAIRS **Effective:** February 3, 2010

Procedure: 508.1.1 Science, Technology, Engineering, and Mathematics (STEM) Occupations Student Loan Program

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NOTE: This program was formerly administered under the title "Technology Occupations Student Loan Program."

The intent of this program is to reduce student loan indebtedness for individuals who have graduated in a STEM related field and been employed in a STEM occupation in North Dakota for one year.

The number of funded applicants is limited and contingent upon legislative appropriations; therefore, not all qualified applicants are assured funding. All qualified applicants for this Program will be considered in priority order as defined in Section 3.

The Bank of North Dakota is responsible for applying loan forgiveness payments for funded recipients by July 30th of each year. **The NDUS will notify all funded recipients of their award by July 30th of each year; no notice will be sent to applicants not funded.**

Funding recipients are eligible to receive up to $1,500 per year in continued loan forgiveness for each year they are employed in an approved STEM occupation in North Dakota, subject to a maximum of 48 months of eligible employment. Individuals must apply or re-apply annually for new or continued funding.

Section 1 – Qualifications

To qualify for the STEM Occupations Student Loan Program, an applicant:

  a.   Must have graduated from a board-approved college;

  b.   Must have successfully completed a board-approved STEM-related program;

  c.   Must have maintained at least a cumulative 2.5 grade point average based on a 4.0 grading system, at a board-approved college;

  d.   Must have a student loan with the Bank of North Dakota or other participating lender and not be in default on that student loan;

  e.   Following graduation, must have been employed in a board-approved STEM occupation for 12 months' employment in North Dakota beginning at least by

July 1 of the previous year or, at least a 9-month teaching contract on a full time basis in a school district or nonpublic (private) school in the state; and

f.   In order to receive continued funding, must continue to meet all qualifications.

Section 2 – Terms and Definitions

a.   **Board-approved college** means a postsecondary institution recognized by the U.S. Department of Education and accredited by regional, national, professional or specialized accrediting bodies.

b.   **Board-approved STEM related program** means programs listed on Table 1— STEM Program Areas and Codes. These are broadly based upon North Dakota's targeted industries and the national Science and Mathematics Access to Retain Talent (SMART) grant program eligibility with the categories defined by the National Center for Education Statistics' Classification of Instructional Programs.

c.   **STEM Job Occupations and Codes** means the STEM related Department of Labor job classifications as found in Table 2—STEM Job Occupations and Codes. A degree from Table 1 is required for Table 2 occupations to qualify.

d.   **Cumulative grade point average** means grade point average at graduation using a 4.0 grading scale (no rounding).

e.   **Default** means failure to repay a loan according to the terms agreed to when you signed a promissory note. Default may also mean failure to submit requests for deferment or cancellation on time.

f.   **Student Loan** means Federal Family Education Loan (FFEL) – Stafford subsidized, unsubsidized and FFEL Consolidated loans as well as the Dakota Education Alternative Loan (DEAL) obtained through the Bank of North Dakota as a lender, William D. Ford Federal Direct Loan – subsidized and unsubsidized loans, Federal Perkins Loan, FFEL or William D. Ford Federal Direct Consolidated Loans.

g.   **STEM** is an acronym for Science, Technology, Engineering, and Mathematics programs.

Section 3 –STEM Occupations Student Loan Program Procedures

a.   Applications for this program may be obtained by: (1) calling the NDUS at (701) 328-4114; (2) writing the NDUS at 600 East Boulevard Avenue – Dept. 215, Bismarck, ND 58505-0230; or (3) accessing the NDUS web site at www.ndus.edu and clicking on Student and Parent Information/Financial Aid.

Applications will not be accepted prior to May 1. A completed application must be received in the NDUS **no later than June 30.** Applications should be mailed, faxed or delivered to: Director of Financial Aid, NDUS, 600 East Boulevard Avenue – Dept. 215, Bismarck, ND 58505-0230, Fax (701) 328-2961.

A completed application **must** include a statement signed by the personnel director or CEO of the applicant's employer verifying that the applicant is employed full-time in one of the defined STEM occupations and the length of employment.

b. Completed applications will be considered in priority order as follows:
   1) Priority will be given first to the previous year program funded recipients who were continuously employed in an approved STEM occupation;
   2) Secondly, priority will be given to prior year funding recipients who were employed in an approved STEM occupation; and
   3) Finally, new program applicants will be funded.
   If available funding is sufficient to fund some but not all eligible applications in a priority category, funding shall be allocated based on date of receipt by the NDUS of completed applications, beginning with those received on (but not before) May 1, continuing with those received May 2, and so on, to the extent funds are available.

Summary of forms to be completed and returned to NDUS office:
   1. Application
   2. Final college transcript that reflects degree earned and the date received (attach copy for verification purposes)

Questions about the program and procedures for making application should be directed to:
   Financial Aid Director
   North Dakota University System
   600 East Boulevard Avenue – Dept. 215
   Bismarck, ND 58505-0230
   Phone: Gina Padilla at (701) 328-2964 or Peggy Wipf at (701) 328-4114

REFERENCE: SBHE Policy 508.1

HISTORY: Chancellor's Cabinet Meeting, November 14, 2001
   Editorial changes made 1/15/02
   Editorial changes made 3/13/02
   Chancellor's Cabinet reviewed suggested changes, listserv message sent October 21, 2002. Amendments reviewed and approved by Chancellor, October 25, 2002.
   Chancellor's Cabinet Meeting, September 2003.
   Chancellor's Cabinet Meeting, November 2004.
   Chancellor's Cabinet Meeting, August 18, 2005.
   Chancellor's Cabinet Meeting, January 11, 2007.
   Chancellor's Cabinet Meeting, February 14, 2008.
   Chancellor's Cabinet Meeting, March 19, 2008.
   Chancellor's Cabinet Meeting, March 12, 2009.
   Chancellor's Cabinet Meeting, February 3, 2010.

NORTH DAKOTA
UNIVERSITY SYSTEM

The Vital Link to a Brighter Future

Application for STEM Occupations
Student Loan Forgiveness Program

Application year: May 1, 2010 - June 30, 2010

Note: This program was formerly administered under the title "Technology Occupations Student Loan Forgiveness program."

- Follow instructions carefully   • Print or type
- Disclosure of your Social Security number is voluntary. Social Security numbers are used as an individual ID number for record keeping and administrative purposes. If you do not disclose your Social Security number, an individual ID number will be assigned. Failure to provide a social security number may cause delays in administrative services such as financial aid processing.
- Questions about the program or procedures for making application should be directed to Gina Padilla at 701.328.2964 or Peggy Wipf at 701.328.4114.

General Information

Name (Last, First, Middle Initial)	Social Security No.	Daytime Phone No.
Present Mailing Address	City	State/Zip Code
Permanent Mailing Address (if different)	City	State/Zip Code

Education

Did you graduate from a campus STEM related major as defined in **Table 1**? ☐ Yes ☐ No • **If yes, the Program CIP Code for that major is:** __ __ . __ __ __ __
List STEM Job Occupation Code **(Reference Table 2)**: __ __ - __ __ __ __ A degree from Table 1 is required for Table 2 occupations to qualify.
Did you have a cumulative grade point average of at least 2.5 on a 4.0 scale in your college studies? ☐ Yes ☐ No   **(Attach copy of final college transcript)**

Loan Information

Do you have an outstanding student loan obtained through the Bank of North Dakota as a lender or other participating lender?   ☐ Yes ☐ No

- **If yes,** indicate which loan you wish to have reduced under this program: **(check only one)**

☐ FFEL Stafford (subsidized)	☐ William D. Ford Federal Direct Loan (subsidized)
☐ FFEL Stafford (unsubsidized)	☐ William D. Ford Federal Direct Loan (unsubsidized)
☐ FFEL Consolidated Loan	☐ William D. Ford Federal Direct Consolidated Loan
☐ Dakota Educational Alternative Loan (DEAL)	☐ Federal Perkins Loan
Amount owed on this loan:	as of : (Date)

If approved, I wish to have my loan forgiveness payment sent to the following holder of my student loan:	
Name of Financial Institution	Phone No.
Address	City	State/Zip Code

Statement of Certification an Authorization to be Completed by Applicant

I hereby certify that the information contained on this application is true and correct. I understand that I have the specific responsibility for applying for the STEM Occupations Student Loan Program **each year**. I also give my employer permission to release to the North Dakota University System any information that may be needed to verify the contents of my application, and for the North Dakota University System to share this information with the Bank of North Dakota or other participating lender to process payment of my outstanding loan.

_____

Signature of Applicant   **Date**

Statement of Certification by Personnel Director and/or CEO of Company

I hereby certify that _____ (name of applicant) with social security number of

_____ was employed full time with _____

_____(name and location of company in North Dakota) during the

period of _____ (list complete dates of employment, e.g. June 1,

2009 - May 31, 2010) in an occupation which can be classified as a STEM job occupation SOC code

number __ __ - __ __ __ __ as defined in Table 2.

_____

Printed **name and title** of authorized official   Daytime Phone Number

_____

Signature of authorized official   **Date**

Return application, certifications, and transcript to:

STEM Occupations Loan Forgiveness
North Dakota University System
600 E Boulevard Ave Dept 215
Bismarck ND 58505-0230