

PHARMACY TECHNICIAN

Program Information and Selection Process Booklet



Class of Spring 2020 - Fall 2020

» [NDSCS.edu/Pharmacy-Tech](https://www.ndscs.edu/Pharmacy-Tech)



Pharmacy Technician (AAS Degree)

► Contact Information

Melissa Krava, department chair
 alliedhealthcareers@ndscs.edu
 701-671-2114
 Mayme Green Allied Health Center 213I

► Delivery Methods

Face-to-Face: Wahpeton
 Hybrid: Live-video and
 Face-to-Face (Bismarck)

The Pharmacy Technician program is designed to prepare students for careers performing and managing the technical distributive functions in pharmacies and pharmacy-related industries. By doing so, pharmacy technicians allow the pharmacist to concentrate on clinical services such as patient consultation, physician intervention, drug therapy analysis, and other clinical topics. The pharmacy technician performs those functions of pharmacy practice that do not require a pharmacist's professional education or judgment.

NDSCS offers two on-campus program options — a one-year (44 academic credits) Certificate and a two-year (68 credits) Associate in Applied Science degree. Both of these include eight weeks of internship in community and institutional practice settings, which occur after all classroom requirements have been completed.

This advanced level program is jointly accredited by the American Society of Health System Pharmacists (ASHP), 4500 East-West Highway, Suite 900, Bethesda, MD 20814 Phone 866-279-0681 and Accreditation Council for Pharmacy Education (ACPE), 135 S. LaSalle Street, Suite 4100, Chicago, IL 60603, Phone 312-664-3575.

Students receive classroom, laboratory and practical experience covering community and institutional practice, sterile product preparation, manufacturing, inventory management, record-keeping, medical terminology, and drug products. Students also take courses in communications, writing, psychology and speech that will help provide them with the skills to advance in their careers. Upon completion of our program, the graduate will be eligible to become registered with the North Dakota Board of Pharmacy (which is required for employment) and are eligible for national certification.

Most pharmacies employ several technicians, and opportunities within the field are steadily increasing. Pharmacy technicians are found in community, hospital and home health care pharmacies, as well as research institutions, manufacturers, and other industrial settings. Our graduates have enjoyed 100 percent job placement since our program's inception in 1994.

Completed application for the federal criminal background checks will be required prior to the first day of classes. A previous felony conviction, alcohol or drug related misdemeanor may affect internship placements. The applicant must visit with the department chair regarding this issue if it applies.

Course Code	Course Title	Credits
PHRM 123	Pharmacology for Pharmacy Technicians I	2
PHRM 124	Pharmacology for Pharmacy Technicians II	2
PRMT 101	Orientation to Pharmacy Practice	1
*PRMT 102	Pharmaceutical Calculations	3
PRMT 111	Pharmacy Law and Ethics	1
PRMT 112	Pharmacy Records and Inventory Management	2
PRMT 216	IV and Sterile Product Preparation	1
PRMT 216L	IV and Sterile Product Preparation Lab	1
PRMT 217	Pharmacy Practice	3
PRMT 217L	Pharmacy Practice Lab	1
PRMT 221	Chemical/Physical Pharmacy	2
PRMT 221L	Chemical/Physical Pharmacy Lab	1
PRMT 231	Pharmacy Internship-Community Based	4
PRMT 241	Pharmacy Internship-Hospital Based	4

Related/General Education Courses:

BADM 234	Customer Service	1
BIOL 115	Concepts of Anatomy and Physiology	3
BIOL 213	General Pathology	3
BOTE 171	Medical Terminology	4
ENGL 110	College Composition I	3
ENGL/COMM	Elective (choose one):	3
COMM 110	Fundamentals of Public Speaking	
ENGL 105	Technical Communications	
ENGL 120	College Composition II	
ENGL 125	Introduction to Professional Writing	
FYE 101	Science of Success	1
HPER 210	CPR and First Aid (<i>Professional/Community</i>)	2
PHIL 210	Ethics	3
PSYC 111	Introduction to Psychology	3
General Education Electives		14

Total Required Credits 68

(Eight of the credits for both programs are experiential hours normally completed during the summer semester.)

Courses with the prefix PHRM, PRMT, BIOL115, and BOTE 171 must be completed with a "C" or higher.

*PRMT 102 has a Math entrance requirement of a minimum ACT score of 19 or completion of ASC 092.

Certificate is also available. Please see separate fact sheet for additional information.

NOTE: It is recommended for applicants to have taken algebra and chemistry while in high school.

Admission Requirements*

1. High school graduate or G.E.D.
2. Be 18 years of age before completion of the program.
3. Complete the NDSCS admission process and submit an official high school transcript and all official college transcript(s) to Enrollment Services.
4. Submit official ACT and/or placement testing results to Enrollment Services. Results must meet criteria to enroll in English 110 and ASC 93 Math or higher.
5. Applicants without a United States high school transcript (four years), will be required to complete English language proficiency exam(s) and meet the benchmark score(s) prior to continuing the selection process. Contact the program to schedule the assessments if this applies.

Students will be allowed to take PRMT 101 and PRMT 111 prior to admittance.

*Students can also complete CPR by taking HPER 210 during the program.

**Program Admission Requirements are subject to revision.*

Please check the department or program website under Program Admission Requirements for current information.

Selection process details, contact information and forms are located in the Pharmacy Technician Program Information and Selection Process Booklet available at www.ndscs.edu/pharmacy-tech (click on Program Selection Process) or contact the program at alliedhealthcareers@ndscs.edu.

Award

Upon successful completion of the required courses, students will be awarded an Associate in Applied Science degree in Pharmacy Technician.

Revised: April 2019

Pharmacy Technician (Certificate)

Contact Information

Melissa Krava, department chair
 alliedhealthcareers@ndscs.edu
 701-671-2114
 Mayme Green Allied Health Center 2131

Delivery Methods

Face-to-Face: Wahpeton
 Hybrid: Live-video and
 Face-to-Face (Bismarck)

The Pharmacy Technician program is designed to prepare students for careers performing and managing the technical distributive functions in pharmacies and pharmacy-related industries. By doing so, pharmacy technicians allow the pharmacist to concentrate on clinical services such as patient consultation, physician intervention, drug therapy analysis, and other clinical topics. The pharmacy technician performs those functions of pharmacy practice that do not require a pharmacist's professional education or judgment.

NDSCS offers two on-campus program options — a one-year (44 academic credits) Certificate and a two-year (68 credits) Associate in Applied Science degree. Both of these include eight weeks of internship in community and institutional practice settings, which occur after all classroom requirements have been completed.

This advanced level program is jointly accredited by the American Society of Health System Pharmacists (ASHP), 4500 East-West Highway, Suite 900, Bethesda, MD 20814, Phone 866-279-0681 and Accreditation Council for Pharmacy Education (ACPE), 135 S. LaSalle Street, Suite 4100, Chicago, IL 60603, Phone 312-664-3575.

Students receive classroom, laboratory and practical experience covering community and institutional practice, sterile product preparation, manufacturing, inventory management, record-keeping, medical terminology, and drug products. Students also take other courses in communications, writing and psychology that will help provide them with the skills to advance in their careers. Upon completion of our program, the graduate will be eligible to become registered with the North Dakota Board of Pharmacy (which is required for employment) and are eligible for national certification.

Most pharmacies employ several technicians, and opportunities within the field are steadily increasing. Pharmacy technicians are found in community, hospital and home health care pharmacies, as well as research institutions, manufacturers, and other industrial settings. Our graduates have enjoyed 100 percent job placement since our program's inception in 1994.

Completed application for a federal criminal background checks will be required prior to the first day of classes. A previous felony conviction, alcohol or drug related misdemeanors may affect internship placements. The applicant must visit with the department chair regarding this issue if it applies.

Course Code	Course Title	Credits
PHRM 123	Pharmacology for Pharmacy Technicians I	2
PHRM 124	Pharmacology for Pharmacy Technicians II	2
PRMT 101	Orientation to Pharmacy Practice	1
*PRMT 102	Pharmaceutical Calculations	3
PRMT 111	Pharmacy Law and Ethics	1
PRMT 112	Pharmacy Records and Inventory Management	2
PRMT 216	IV and Sterile Product Preparation	1
PRMT 216L	IV and Sterile Product Preparation Lab	1
PRMT 217	Pharmacy Practice	3
PRMT 217L	Pharmacy Practice Lab	1
PRMT 221	Chemical/Physical Pharmacy	2
PRMT 221L	Chemical/Physical Pharmacy Lab	1
PRMT 231	Pharmacy Internship-Community Based	4
PRMT 241	Pharmacy Internship-Hospital Based	4

Related/General Education Courses:

BADM 234	Customer Service	1
BIOL 115	Concepts of Anatomy and Physiology	3
BOTE 171	Medical Terminology	4
ENGL 105	Technical Communications	3
FYE 101	Science of Success	1
HPER 210	CPR/First Aid (<i>Professional/Community</i>)	2
PSYC 100	Human Relations in Organizations	2

Total Required Credits

44

(Eight of the credits for both programs are experiential hours normally completed during the summer semester.)

Courses with the prefix PHRM, PRMT, BIOL115, and BOTE 171 must be completed with a "C" or higher.

*PRMT 102 has a Math entrance requirement of a minimum ACT score of 19 or completion of ASC 092.

Associate in Applied Science degree is also available. Please see separate fact sheet for additional information.

NOTE: It is recommended for applicants to have taken algebra and chemistry while in high school.

Admission Requirements*

1. High school graduate or G.E.D.
2. Be 18 years of age before completion of the program.
3. Complete the NDSCS admission process and submit an official high school transcript and all official college transcript(s) to Enrollment Services
4. Submit official ACT and/or placement testing results to Enrollment Services. Results must meet criteria to enroll in English 110 and ASC 93 Math or higher.
5. Applicants without a United States high school transcript (four years), will be required to complete English language proficiency exam(s) and meet the benchmark score(s) prior to continuing the selection process. Contact the program to schedule the assessments if this applies.

Students will be allowed to take PRMT 101 and PRMT 111 prior to admittance.

**Program Admission Requirements are subject to revision. Please check the department or program website under Program Admission Requirements for current information.*

Selection process details, contact information and forms are located in the Pharmacy Technician Program Information and Selection Process Booklet available at www.ndscs.edu/pharmacy-tech (click on Program Selection Process) or contact the program at alliedhealthcareers@ndscs.edu.

Award

Upon successful completion of the required courses, students will be awarded a certificate in Pharmacy Technician.

Revised: April 2019



Dear Pharmacy Technician Applicant:

Thank you for considering a career as a pharmacy technician. This is an exciting time to be in any health profession. Technology is constantly changing the way we practice pharmacy, both in the delivery of our services but also in the drug products for our patients. Technicians in the practice of pharmacy are taking on new and expanding roles as pharmacists are participating more directly in patient care.

We continue to see the numbers of pharmacy technicians needed in the practice of pharmacy increase and expect them to continue to grow through 2020. Pharmacy technicians also experience a wide variety of roles and practice sites in which to be employed upon graduation. Our program has 100% placement as well as a 95.5% pass rate on the national certification exam!

We have a delivery option to meet virtually every student's needs. We offer a traditional face-to-face program at NDSCS Wahpeton, and a hybrid program at Bismarck State College in which students will have live video conference delivery of all pharmacy courses and the option of face-to-face courses or on line course for all other general education courses. Lab courses will require students to attend NDSCS Wahpeton periodically.

Please do not hesitate to contact us if you have any questions after reviewing this information.

Melissa Krava, BS, RPhTech, CPhT
Program Director
Pharmacy Technician Program

Selection Process Overview/Checklist

The Pharmacy Technician is a selective enrollment curriculum and applicants are required to submit, in addition to application to the college, specific program requirements.

A scheduled visit to the college and program is also highly recommended.

Process Overview

Following is the selection checklist for the admission criteria to the program. Once criteria is met, the applicant will review a letter of acceptance to the Pharmacy Technician Program.

Checklist for Selection

- 1. High School graduate or G.E.D. Submit official transcripts to Enrollment Services.
- 2. Be 18 years of age before completion of the program.
- 3. Complete the NDSCS Application for Admission. Refer to the NDSCS website at www.ndscs.edu/admissions for details.

New Student/Transfer Student	Current Student or Continuing	Returning Student
Application	Change of Program	Re-Application
All Applications/Forms can be found at www.ndscs.edu/admissions/applications		

- 4. Submit official ACT and/or placement testing results. Results must meet criteria to enroll in English 110 and ASC 93 Math or higher OR submit an official college transcript with ENGL 110 and a college math course completed with a “C” or higher. To schedule a Placement Test; call 701-671-2256.

ACT Score
ACT or SAT scores are required for all applicants under age 25 (exceptions listed on *website www.ndscs.edu/get-started). If the benchmark ACT score is not met for the application process, the applicant can complete the ** Placement Test and meet the benchmark scores. Applicants who have completed English 110 and a college math course with a “C” or higher are exempt.

****Placement Testing**

Applicants age 25 and over (with no ACT) will complete a Placement Test. Applicants who have completed English 110 with a “C” or higher are exempt. Applicants who have successfully completed a college math course are exempt from the Math Compass Placement Test (or equivalent).

***For more information about the placement test visit call 701-671-2256 or visit: www.ndscs.edu/academics/services/asc**

**** Students who do not meet the ACT/Compass score minimum may enroll in PRMT 101 while completing ASC remedial courses.**

5. Applicants without a United States high school transcript (four years), will be required to complete English language proficiency exam(s) and meet the benchmark score(s) prior to the continuing selection process. Contact the program to schedule the assessments if this applies. *Detailed information about this process is this booklet.*

6. Meet the Essential Functions for Pharmacy Technician students:

Listed below are essential behavioral and physical functions which students must demonstrate or possess. These are not all-inclusive, nor do they reflect what may be required by an employer.

Auditory

The student must have adequate hearing to:

- **answer telephones and voice mail**
- **communicate with patients, other healthcare professionals and others effectively and accurately**
- **hear alarms and equipment sounds**

Speech

The student must be able to speak English with clarity:

- **to communicate effectively with patients**
- **to communicate effectively with other healthcare practitioners**

Visual

The student must have adequate vision to:

- **utilize standard CRT and LCD screens on computers and other equipment**
- **read both printed and handwritten paper documents and labels**
- **operate equipment**
- **differentiate the colors, shapes, and imprints found on various pharmaceutical products**

Mobility

The student must be capable of:

- moving about an office or laboratory area either independently or with equipment aids
- utilize a keyboard and handwriting instruments
- reach office and laboratory supplies, paperwork, and books
- reach and control bulk containers of pharmaceuticals from shelves and cabinets
- must be able to lift and maneuver objects frequently up to 10 – 20 lbs.
- must be able to stand for a maximum of 8 hours
- must have fine motor control with both hands, fingers and wrist
- must have fine motor control strength and endurance to do the repetitive motions of keyboarding, opening bottles and manipulating syringes daily

Mental and Cognitive

The student must possess abilities to:

- adequately utilize the English language
- function and prioritize in a multi-task environment
- collect and document patient and laboratory/practice information
- comprehend medical records, journals, and directions
- utilize computer programs of various complexities
- understand and explain both abstract and concrete concepts

Clerical

The students must be able to apply in English

- ability to perceive pertinent detail in verbal or tabular material.
- observe differences in copy
- to proof read works and numbers
- avoid perceptual errors in arithmetic computation

Behavioral and Social

The student must:

- take direction from supervising technicians, pharmacists, and faculty
- complete tasks in an appropriately timely manner
- complete tasks with complete accuracy
- work independently
- work around others
- work with others
- conduct oneself within the Code of Ethics of the American Association of Pharmacy Technicians and the American Pharmaceutical Association
- respect the personal and professional stature of colleagues and clients
- apply professional etiquette in all interactions in all forms of communication
- dress and personally groom appropriately
- maintain proper decorum in stressful interpersonal and professional situations
- respect the cultural, social, and personal diversity of colleagues and clients

Individuals seeking reasonable accommodations based on personal limitations should contact the Pharmacy Technician Program Director.

Upon graduation, requirements and accommodations offered by individual employers may vary greatly from those outlined above or required by specific courses.

Additional Requirements (Upon Acceptance)

The specific requirements below will be required for students once they begin the program. Information on how to upload these documents into the clearinghouse utilized and the due date for these requirements will be announced once classes begin. All requirements are at the students' expense.

Health Record Requirements:
a. documented evidence of Measles, Mumps, Rubella vaccination or Rubella positive titer. b. documentation of three Hepatitis B immunizations, positive titer or a waiver. c. documentation of Varicella (Chicken Pox) vaccinations or documented of positive titer. d. documentation of Tdap (Tetanus, Diphtheria & Pertussis) vaccination within the last ten years. e. documentation of a <u>two-step</u> TB Skin Test (Mantoux), QuantiFERON Gold blood test. If positive, a copy of the lab report or a clear chest x-ray completed within the last year. This requirement will be a yearly renewal. f. **documentation of a flu shot administered during the <u>current</u> flu season. <i>**This requirement will not be due until October 1 to ensure administration of current vaccination and will be a yearly renewal.</i> g. documentation of current health insurance.
Background Check
Federal Background Check (finger printing may also be required dependent on internship placement) Finger printing and/or a drug screen may be required dependent on internship site requirements.
Health Insurance:
Submit proof of current health insurance.
Drug Screen
A 13-panel drug screen may be required dependent on internship site placement.

Requirements must be exactly as stated for approval. Students will be required to stay current with each of the requirements while enrolled in the program.



Pharmacy Technician Program

Frequently Asked Questions

Is there a separate college application for the Pharmacy Technician Program?

- ✓ No, simply indicate Pharmacy Technician on the application for admission to NDSCS

What is the difference between the Certificate Degree and Associate of Applied Science Degree?

- ✓ The biggest difference is the number of General Education Credits required. The AAS degree has some required general education courses such as an English Elective, Ethics and Pathology as well as 12 credits that you choose with your advisor.

Is there any difference in the job I may get when I graduate if I have the Associate of Applied Science degree?

- ✓ No, the job you initially get will probably be the same; the advancement possibilities may be different.

What are the admission requirements for the program?

- ✓ You must have graduated from high school or G.E.D. You must have a minimum composite score on your ACT of 15. You may need an interview. A background check will be required.
- ✓ ACT or placement scores required to register for ENGL 110.
- ✓ To enroll in PRMT 102 Pharmaceutical Calculations you must have an ACT Math score of 19 or have completed ASC 92. If your ACT Math score is less than a 19 you will have to complete the required ASC math courses, and this will probably necessitate the time frame being two years for either degree option.
- ✓ Admission to the college requires all official transcripts be submitted, high school including dual credit transcripts and any other college credits you may have.
- ✓ ACT scores or placement scores.

Can I enroll in the program if I do not have the placement scores required for the English and Math?

You will be able to enroll as a Pre-Pharmacy Technician student and take the Academic Service Courses (ASC) required. You can also enroll in the PRMT 101 Orientation to Pharmacy Practice course.

How often do classes start?

- ✓ We only start one class per year, but you can enroll any semester and take any general education courses that are required. The pharmacy technician specific courses start only in the fall semester.

Are there any clinical experiences?

- ✓ Yes, all pharmacy technician students complete 8 weeks of experiential or clinical experience. You will complete 4 weeks (160 hours) in a Community Practice (retail) setting and 4 weeks (160 hours) in an Institutional Practice (hospital) setting.
- ✓ Students have the option of telling us what city they prefer and we set up your rotations, you do NOT find your own site.

What high school courses would help me prepare to become a Pharmacy Technician?

- ✓ Math is an important subject to take as much as you can, the stronger your math skills are the easier the program will be for you. No, you do NOT need calculus to be a pharmacy technician, but certainly algebra.
- ✓ Biology, Anatomy/Physiology
- ✓ Dual credit courses in English and Psychology are helpful for all college freshmen.

What are the requirements in North Dakota to obtain a job as a pharmacy technician?

- ✓ North Dakota requires that pharmacy technicians have completed an ASHP/ACPE (American Association of Health-System Pharmacists/Accreditation Council for Pharmacy Education) accredited program and be certified by the Pharmacy Technician Certification Board.

Is the program at NDSCS accredited?

- ✓ Yes, the Pharmacy Technician Program at NDSCS is accredited by ASHP since 1996 and is now also accredited by ACPE. Additionally, the college is accredited by the Higher Learning Commission and all technical programs (including Pharmacy Technician) are accredited by the North Dakota department of Career and Technical Education (CTE).

Which campus is the program offered at?

The pharmacy technician program is delivered in a face to face format at NDSCS in Wahpeton, ND. Students can also take courses thru a video format model and attend class at set times through the web. All lab will be at NDSCS in Wahpeton, even if student is utilizing the web format for lecture classes.

Can I take courses at the NDSCS-Fargo Campus?

Yes, you can take general education courses at NDSCS-Fargo, but all Pharmacy Technician courses are only offered at NDSCS-Wahpeton or in a live-streaming format. General Education courses can also be taken online.

Are there any other options for obtaining a degree in Pharmacy Technician?

NDSCS offers a hybrid option, however, this is a hybrid utilizing the live streaming of classes. Students must attend labs at NDSCS in Wahpeton.

Are there any other additional requirements once I am enrolled in the program?

- ✓ Background check.
- ✓ Proof of immunizations including MMR vaccinations, Hepatitis B vaccinations, proof of Varicella vaccination or titer, TB skin test, influenza vaccine (review entire listing on previous page).
- ✓ Proof of health insurance may be required by clinical sites.
- ✓ A drug screen may be required dependent on individual internship site requirements.
- ✓ Dependent on internship site assignment, additional requirements may need to be met.

How much does it cost to go to NDSCS?

You can find out the cost of tuition, books, etc. by going to www.ndscs.edu/paying-for-college/ This link will also give you information about applying for financial aid, scholarships and loan options.

What courses are taken each semester and what would to credit load be?

Refer to the following pages for the different sequencing of courses for the program. Registration for courses should not take place without consulting a master scheduler or the programs student advisor.

What is the salary range for Pharmacy Technicians?

Starting salaries vary greatly with the state of North Dakota. Average hourly salary is \$12.00-\$16.00 per hour. In selected areas, the hourly salary could be as high as \$20.00.

Quick Resources

Program Website	www.ndscs.edu/phrmtech	
Application to NDSCS	www.ndscs.edu/apply	800-342-4325 ext. 32225 or 701-671-2225
Financial Aid	ndscs.fin.aid@ndscs.edu <u>or</u> www.ndscs.edu/paying-for-college/	800-342-4325 ext. 2207 701-671-2207
Schedule a Campus Visit	www.ndscs.edu/tour	800-342-4325 ext. 32521 or 701-671-2521
Transcripts/Transfer Credits	ndscs.studentrecords@ndscs.edu <u>or</u> www.ndscs.edu/tes	800-342-4325 ext. 32521 701-671-2521
Program Advisement	melissa.krava@ndscs.edu	800-342-4325 ext. 32114 701-671-2114

Allied Health Applicant English Language Learners (ELL) Placement

English proficiency is required for success as a student in an NDSCS Allied Health Program, and also as an employee in the healthcare field.

Applicants that have not completed **4 years of U.S. high school**, must take the English language proficiency exam(s) (listed below) and **achieve the benchmark score(s)** to apply to this program.

MELAB (includes Grammar, Reading/Comprehension, Vocabulary and Writing)

CaMLA (includes Pronunciation Assessment)

If applicant achieves the benchmark score (in all categories), the selection process to the program can continue. If the benchmark is not achieved (in any category), the applicant cannot continue the selection process. It is then recommended that the applicant complete the ELL Program of Study and retest to meet the benchmark scores. If the scores are met, the applicant can apply for the next available selection process to the program.

To schedule the English language proficiency exam (MELAB and CaMLA) contact:

Carol Bishop, Coordinator
 Intensive English Language Program
 North Dakota State University, Fargo, ND
 701-231-8850
carol.bishop@ndsu.edu

Cost: \$7.00

Request test results be sent to: alliedhealthcareers@ndscs.edu

MELAB Benchmark Scores		
Michigan Score	Writing Score	Placement
Below 80	Below 85	Recommend completion of ELL Program of Study and retest to continue selection process
80+	85+	Applicant can continue selection process to Allied Health Program
CaMLA Scores (Pronunciation Test)		
14 or Below		Recommend completion of specific courses and retest to meet benchmark score to proceed with selection process
15 or Above		Applicant can continue selection process to Allied Health Program (co-requisite courses may be recommended dependent on score)

Suggested Sequence of Study (Standard)

(Students admitted into the program)

Please Note: This is a suggested sequence of study. Course sequencing may be impacted by transfer credits, unsuccessful course completion, course offerings and various other factors. Please meet with your Academic Advisor to ensure correct course enrollment and sequencing each semester.

FIRST SEMESTER					
Course Code	Course Title	Credits	First 8-weeks	Second 8-weeks	Full semester
FYE 101	Science of Success	1	X		
PRMT 101	Orientation to Pharmacy	1	X		
PRMT 111	Pharmacy Law and Ethics	1		X	
BOTE 171	Medical Terminology	4			X
BIOL 115	Concepts of Anatomy and Physiology	3			X
ENGL 110	College Comp I	3			X
Total credits first semester		13			
SECOND SEMESTER					
Course Code	Course Title	Credits	First 8-weeks	Second 8-weeks	Full semester
ENGL/COMM Elective	ENGL 105/120/125/COMM110	3			X
PSYC 111	Introduction to Psychology	3			X
BIOL 213	Pathology	3			X
HYPHER 210	CPR/First Aid	2	X		X
Gen Ed Electives	Any GERTA General Education Courses	5			
Total credits second semester		16			
THIRD SEMESTER					
Course Code	Course Title	Credits	First 8-weeks	Second 8-weeks	Full semester
PRMT 102	Pharmaceutical Calculations	3			X
PHRM 123	Pharmacology for Technicians I	2	X		
PHRM 124	Pharmacology for Technicians II	2		X	
PHIL 210	Ethics	3			X
BADM 234	Customer Service	1			X
Gen Ed Electives	Any GERTA General Education Courses	6			X
Total credits third semester		17			
FOURTH SEMESTER					
Course Code	Course Title	Credits	First 8-weeks	Second 8-weeks	Full semester
PRMT 112	Pharmacy Records & Inventory Management	2			X
PRMT 217	Pharmacy Practice	3			X
PRMT 217 L	Pharmacy Practice Lab	1			X
PRMT 216	IV and Sterile Products	1			X
PRMT 216L	IV and Sterile Products Lab	1			X
PRMT 221	Chemical/Physical Pharmacy	2			X
PRMT 221L	Chemical Physical Pharmacy Lab	1			X
Gen Ed Electives	Any GERTA General Education Courses	3			X
Total credits fourth semester		14			
FIFTH SEMESTER					
Course Code	Course Title	Credits	First 8-weeks	Second 8-weeks	Full semester
PRMT 231	Pharmacy Internship-Community based	4			X
PRMT 241	Pharmacy Internship – Hospital based	4			X
Total Credits fifth semester		8			
TOTAL REQUIRED CREDITS FOR DEGREE					68

- ◆ Placement in Mathematics, Writing and English depends on placement from exam results.
- ◆ ENGL 105 **DOES NOT** transfer; take ENGL 120, 125 or COMM 110 for transfer credits.
- ◆ MATH transfer credits include: MATH 103, MATH 104 or MATH 210, among others.

Suggested Sequence of Study (Standard)

(Students admitted into the program)

Please Note: This is a suggested sequence of study. Course sequencing may be impacted by transfer credits, unsuccessful course completion, course offerings and various other factors. Please meet with your Academic Advisor to ensure correct course enrollment and sequencing each semester.

FIRST SEMESTER - FALL					
Course Code	Course Title	Credits	First 8-weeks	Second 8-weeks	Full semester
FYE 101	Science of Success	1	X		
PRMT 101	Orientation to Pharmacy	1	X		
PRMT 111	Pharmacy Law and Ethics	1		X	
PRMT 102	Pharmacy Calculations *	3			X
BOTE 171	Medical Terminology	4			X
BADM 234	Customer Service	1		X	
PHRM 123	Pharmacology for Pharmacy Technicians I	2	X		
PHRM 124	Pharmacology for Pharmacy Technicians II	2		X	
BIOL 115	Concepts of Anatomy and Physiology	3			X
Total credits first semester		18			
SECOND SEMESTER - SPRING					
Course Code	Course Title	Credits	First 8-weeks	Second 8-weeks	Full semester
PRMT 112	Pharmacy Records & Inventory Management	2			X
PRMT 217	Pharmacy Practice	3			X
PRMT 217 L	Pharmacy Practice Lab	1			X
PRMT 216	IV and Sterile Products	1			X
PRMT 216L	IV and Sterile Products Lab	1			X
PRMT 221	Chemical/Physical Pharmacy	2			X
PRMT 221L	Chemical Physical Pharmacy Lab	1			X
ENGL105	Technical Communications	3			X
HPER 210	First Aid and CPR	2			
PSYC 100	Human Relations in Organizations	2			X
Total credits second semester		18			
THIRD SEMESTER - SUMMER					
Course Code	Course Title	Credits	First 8-weeks	Second 8-weeks	Full semester
PRMT 231	Pharmacy Internship-Community based	4			X
PRMT 241	Pharmacy Internship – Hospital based	4			X
Total credits third semester		8			
TOTAL REQUIRED CREDITS FOR CERTIFICATE					44

- ◆ Placement in Mathematics, Writing and English depends on placement from exam results.
- ◆ ENGL 105 **DOES NOT** transfer; take ENGL 120, 125 or COMM 110 for transfer credits.
- ◆ MATH transfer credits include: MATH 103, MATH 104 or MATH 210, among others.



Essential Functions Verification

I have reviewed, understand and have the ability to perform the Essential Functions, with or without accommodations, for the program I am seeking admission to. We encourage you to contact us if you have any questions about or are in need of accommodations by calling the NDSCS Student Accessibility Coordinator at 701-671-2623.

*If you do not have the ability to perform an Essential Function, with or without accommodations, a meeting with the Department Chair of the program you are applying to must be scheduled prior to continuing with the selection process.

Program Applying to _____

Print Name _____

Signature _____

Date _____ Email _____

Please verify:

English is my first language

English is not my first language

This form must be signed and submitted to the program to complete the selection process requirements.

Submit the form by emailing alliedhealthcareers@ndscs.edu or faxing 701-671-3403



NDSCS HEALTH PROGRAMS

- Dental Assisting
- Dental Hygiene
- Health Information Technician
- Medical Coding
- Nursing
 - Practical Nursing (AAS)
 - Registered Nursing (ASN & AAS)
- Occupational Therapy Assistant
- Emergency Medical Services (EMS)
 - Emergency Medical Technician (EMT)
 - Paramedic Technology
- Pharmacy Technician
- Liberal Arts Transfer
 - Nursing
 - Pharmacy
 - Social Work



North Dakota State College of Science

WAHPETON | FARGO | ONLINE

Equal Opportunity Policy NDSCS adheres to the NDSCS college equal opportunity policy as stated in the *NDSCS Catalog*.

The North Dakota State College of Science is accredited by The Higher Learning Commission, 230 South LaSalle Street, Suite 7-500, Chicago, IL 60604, 800-621-7440.