NORTH DAKOTA STATE COLLEGE OF SCIENCE

2019 SUMMER/FALL ONLINE COURSES





NDSCS ONLINE COURSES

Visit NDSCS.edu/Online-Support for additional information about online programs and courses, technical requirements and student services, or contact Distance Education at 1-800-342-4325, ext. 3-2347 or NDSCS.Distance.Ed@ndscs.edu.

Software Requirements: Microsoft Word is required for all online classes and some classes require additional Microsoft Office programs. **Microsoft Office is available free to NDSCS students** and includes Word, Excel, PowerPoint, Access, Publisher, Outlook and more. For more information, go to **NDSCS.edu/MSOffice-Student.**

Software and Other Requirements (as indicated by code):

- 1 Windows PC required Macs are not compatible
 - ACCT, CAD, CIS, CSCI, HIT
- ② Graphing calculator (TI-83 or 84 model recommended)
 - Required for Math 103 and MATH 210
 - Recommended for MATH 104, ASC 92, ASC 93

Computers: All students need access to an alternate computer when technical problems arise to avoid falling behind in classes.

NOTE: Windows PCs are required for some courses and programs (ACCT, CAD, CIS, CSCI, and HIT) because Macs are not compatible with some software used.

Science Labs: Not all science labs are taught online. Some are taught at NDSCS-Wahpeton or NDSCS-Fargo. Students must attend all lab dates to complete the class as there are no make-up sessions. Lab kits are required for some online labs and should be purchased from the NDSCS Bookstore at NDSCSBookstore.com.

Exam Proctors: Some faculty require proctors for online exams. Where it is known, this requirement is indicated and fees may apply. This information is subject to change without notice. Some instructors have additional restrictions so be sure to read the information provided in your class.

Email: A current email address is required for online class communications. All students are required to use an NDSCS email account to access electronic bills and get other communications from the college. Instructions to log into NDSCS email are found at **NDSCS.edu/IT-Setup.**

Apply for Admission: Instructions for admission can be found at NDSCS edu under "Get Started!" New NDSCS students will need to pay a one-time application fee of \$35. If you are a returning NDSCS student and have had a break in your NDSCS enrollment for one semester or more, contact Enrollment Services for instructions to update your records. Please allow at least two weeks to complete the application process. NOTE: Official transcripts from high school (or GED) and colleges must be received before students can register for classes. Please allow sufficient time when requesting transcripts to avoid delays in registration.

Entry-Level Requirements: All NDSCS students must meet minimum ACT or ACCUPLACER test score requirements for English (reading and writing) and Math classes. Contact the NDSCS Test Center if you need assistance scheduling an ACCUPLACER test near you.

Tuition and Fees: Effective Fall 2019, all tuition will be charged per-credit and is based on the RESIDENCY of the student. Fees are charged per-credit and are based on factors such as enrolled credits, class prefix and location of the class (Wahpeton, Fargo, Online). Online classes will have a per-credit Distance Access Fee in addition to the per-credit tuition rate. Tuition and fees exclude books and supplies. Costs are subject to change without notice.

Visit NDSCS.edu/Costs for additional information on tuition and fee rates

Books: Purchase your textbooks at **NDSCSBookstore.com.** Several classes will require an access code or CD which will be bundled with the textbook from the NDSCS Bookstore.

Tutoring: 24/7 online tutoring services are available in certain subject areas. There is a link to the tutoring site in your online class content.

NDSCS reserves the right to cancel a course when the minimum enrollment of 10 students is not met.

INSTRUCTIONAL FEE CHART

Class Prefix	Fee Code	Cost Per Credit
ASC, CJ, COMM, ECON, ENGL, FYE, HIST, HUM, MATH, MUSC, NUTR, PHIL, POLS, PSYC, RELS, SOC, SWK, THEA	#1	\$12/credit
BIOL, CHEM, HPER, MICR, PHYS	#2	\$17/credit
ARCT, BCT, CAD, CMT, CT, UAS	#3	\$10/credit
AGEC, AGRI, ANSC, PLSC, SOIL	#4	\$11/credit
ABOD, AUTO, CIH, DCAT, DTEC, JDAT, KMTS, PST, TECH	#5	\$15/credit
ACCT, BADM, BOTE, BUSN, CIS, CSCI, CULA	#6	\$19/credit
ECAL, ELEC, MSYS, PLMB, REFG	#7	\$29/credit
ENGR, MATL, MFGT, RAMT, WELD	#8	\$33/credit
DAST, DHYG, HIT, OTA, PRMT	#9	\$40/credit
EMS, NURS, PHRM	#10	\$95/credit

ONLINE PROGRAMS and CONTACT INFORMATION

Business Technology Management (3rd Year Option)

Ann Smith 701-671-2302 Ann.Smith@ndscs.edu

Health Information Technician

Dennis Broderick 701-671-2263 Dennis.A.Broderick@ndscs.edu Exam proctor is required for all online HIT courses.

Liberal Arts

Wade King 701-671-2317 Wade.King@ndscs.edu

Marketing, Sales and Hospitality Services

Greg Anderson 701-671-2172 Greg.Anderson@ndscs.edu

Medical Coding

Dennis Broderick 701-671-2263 Dennis.A.Broderick@ndscs.edu Exam proctor is required for all online HIT courses.

Pharmacy Technician

Melissa Krava 701-671-2114 Melissa Krava@ndscs.edu Hybrid program – face-to-face instruction and online synchronous instruction.

*Pharmacy Technician courses (PRMT and PHRM prefix) are taught online synchronous. Specific meeting days and times are required for remote students to attend online. An alternative distance delivery method will be utilized for these courses. Students will be informed of the technology used for this alternative delivery method. The program will remain a hybrid with all other course offerings available online. Labs will be taught on the Wahpeton campus.

Technical Studies

Dennis Broderick 701-671-2263 Dennis.A.Broderick@ndscs.edu Mindy Tayer 701-671-2257 Mindy.ManockTayer@ndscs.edu

Web Design/Web Developer

Bonnie Schillinger 701-671-2496 Bonnie Schillinger@ndscs.edu

SUMMER ONLINE COURSES June 4-July 26, 2019

FULL SEMESTER COURSES

The following courses begin June 4 and end July 26 unless otherwise noted. Class numbers needed for registration are included. (Credits are in parentheses.)

are in paren	theses.)	
ASC 082	Effective Reading (3) Class #4820, T Eklund	
ASC 084	Critical Reading (2) Class #4821, T Eklund	
ASC 086	College Writing Prep I (2) Class #4822, S Hagelstrom	
ASC 087	College Writing Prep II (2) Class #4823, S Hagelstrom	
ASC 088	Composition Lab (1) Class #4824, S Hagelstrom	
ASC 091	Algebra Prep I (2) Class #4825, L Gilbertson Prerequisite: ACT-MATH score of 13-15 or appropriate Accuplacer score, or completion of ASC 090. Exam proctor required.	
ASC 092	Algebra Prep II (2) Class #4826, L Gilbertson Prerequisite: ACT-MATH score of 16-18, appropriate Accuplacer score, or successful completion of ASC	

ASC 093 Algebra Prep III (2)

Class #4827, B Hagelstrom 2

Prerequisite: ACT-MATH score of 19-20, appropriate Accuplacer score or completion of ASC 092. Exam proctor required. Graphing calculator recommended (Ti-83 or 84 model recommended).

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recommended (TI-83 or 84 model recommended).

BIOL 124 Environmental Science (3)

Class #4828, S King

Corequisite: BIOL 124L. Exam proctor required.

BIOL 124L Environmental Science Lab (1)

Class #4829, S King

Corequisite: BIOL 124. Lab supplies required. A list will be provided in class information and can be purchased from local stores. Exam proctor required.

BIOL 220 Anatomy & Physiology I (3)

Class #4830, C Armour

Corequisite: BIOL 220L. Exam proctor required.

BIOL 220L Anatomy & Physiology I Lab (1)

Class #4831, N Weber

Corequisite: BIOL 220. This lab is taught online and requires a lab kit from the NDSCS Bookstore.

BIOL 221 Anatomy & Physiology II (3)

Class #4832, M Breicha

Prerequisite: BIOL 220. Corequisite: BIOL 221L Exam proctor required.

BIOL 221L Anatomy & Physiology II Lab (1)

Class #4833, N Weber

Corequisite: BIOL 221. This lab is taught online and requires a lab kit from the NDSCS Bookstore.

BOTE 171 Medical Terminology (4)

Class #4662, N Weber Exam proctor required.

BUSN 297 Internship (2)

NOTE: Class is not taught online.

Contact Kijia Homes at 800-342-4325, ext. 3-2258

CIS 101 Computer Literacy (2)

Class #4504, L Fink 1 Exam proctor required.

Windows PC Required, Macs are not compatible.

COMM 110 Fundamentals of Public Speaking (3)

Class #4834, C Gunnerson

Students must have the ability to record and upload speeches.

CSCI 116	Business Use of Computers (3-4) Class #4505, S Dixon-Hackey • Exam proctor required. Windows PC Required, Macs are not compatible.	MATH 210	Elementary Statistics (3) Class #4844, S Bornsen Prerequisite: ASC 093 or appropriate Accuplacer placement test. Exam proctor required. Graphing	
ECON 105	Elements of Economics (3) Class #4603, J Hart	MICR 202	calculator required (Ti-83 or 84 model recommended) Introductory Microbiology (3)	
ENGL 110	College Composition I (3) Class #4835, W King		Class #4846, A Kempfer Corequisite: MICR 202L. Exam proctor required.	
ENGL 110	Must meet entry-level requirements. College Composition I (3) Class #4836, K Beherns Students must meet entry-level placement	MICR 202L	Introductory Microbiology Lab (1) Class #4858 M Brady Corequisite: MICR 202 Instructional fees will apply	
ENGL 120	requirements. College Composition II (3) Class #4838, S Priebe Prerequisite: ENGL 110		NOTE: This class is not online. Lab will meet face- to-face at NDSCS-Wahpeton in Haverty Hall 229 & 233. Lab meets Fridays and Saturdays 9 a.m1 p.m. on June 21-22 and June 28-29 and Friday 9 a.m3 p.m. on July 12. Students must attend all lab dates to complete the class. There are no make-up lab dates	
ENGL 120	College Composition II (3) Class #4839, D Anderson		available.	
	Prerequisite: ENGL 110	MUSC 100	Music Appreciation (3) Class #4552, B Poyzer	
FYE 101	Science of Success (1) Class #4857, L Wixo	PHIL 210	Ethics (3) Class #4848, Dr. M Arandia	
HIST 102	Western Civilization II (3) Class #4841, D Wesolick	PRMT 231	Pharmacy Internship – Community Based (4)	
HIT 185	Basic Procedure Coding (3) Class #4658, S Jones • Exam proctor required. Prerequisites: BOTE 171 or BIOL 220;		Class #4549, M Krava Prerequisites: Successful completion of all core curriculum courses with a grade of "C" or better. NOTE: This class is not online. Students pay tuition based upon state of residency.	
HIT 197	Corequisite: HIT 180 Professional Practice I (2) Class #4813, P Brooks • May 13-June 7, 2019 Prerequisite: All HIT program courses; advisor approval is required to register.	PRMT 241	Pharmacy Internship – Hospital Based (4) Class #4551, M Krava Prerequisites: Successful completion of all core curriculum courses with a grade of "C" or better. NOTE: This class is not online. Students pay tuition based upon state of residency.	
HIT 285	Reimbursement Methodologies (3) Class #4659, P Brooks •	PSYC 100	Human Relations in Organizations (2) Class #4602, C Loe	
	Exam proctor required. Prerequisites: HIT 176, HIT 184, HIT 185	PSYC 111	Introduction to Psychology (3) Class #4850, S Washburn	
HIT 286	Intermediate Diagnosis Coding (3) Class #4660, C Bolden • Exam proctor required. Prerequisites: HIT 176, HIT 184, HIT 185	SOC 110	Exam proctor required. Introduction to Sociology (3) Class #4852, K Wolf	
HIT 288	Intermediate Procedure Coding (3) Class #4661, S Jones • Exam proctor required. Prerequisites: HIT 176, HIT	SOC 115	Social Problems (3) Class #4854, K Wolf	
HPER 210	First Aid and CPR (Professional/Community) (2) Class #4512, F Mastel Students need access to a CPR mannequin and a video recorder.	SECOND HALF SEMESTER COURSES The following course runs the second half of summer semester unless		
		otherwise ind HPER 217	Personal and Community Health (3)	
MATH 103	College Algebra (3) Class #4843, B Hagelstrom Prerequisite: ASC 093 or appropriate Accuplacer placement test. Exam proctor required. Graphing calculator required (Ti-83 or 84 model recommended)		Class #4511, J Passa	

FALL ONLINE COURSES August 26-December 20, 2019

	FULL SEMESTER COURSES	BIOL 221L	Anatomy and Physiology Lab II (1)
otherwise not	courses begin August 26 and end December 20 unless ted. Class numbers needed for registration are included. in parentheses.)		Class #13444, N Weber Corequisite: BIOL 221 Lab is taught online. Book and lab kit can be ordered from ndscsbookstore.com.
ACCT 102	Fundamentals of Accounting (3) Class #13115, K Marquette	BOTE 171	Medical Terminology (4) Class #13238, N Weber
ACCT 200	Elements of Accounting I (4) Class #13119, C Schreiber Microsoft Excel required. Exam proctor required.	BUSN 297	Exam proctor required. Internship (2)
ACCT 215	Business in the Legal Environment (3) Class #13122, K Marquette Exam proctor required.	CIS 101	NOTE: This class is not online. Contact Kijia Homes at 800-342-4325, ext 3-2258. Computer Literacy (2)
ASC 084	Critical Reading (2) Class #13427, T Eklund		Class #13315, L Fink 10 Windows PC required. Exam proctor required.
ASC 086	College Writing Prep I (2) Class #13428, S Hagelstrom	CIS 164	Networking Fundamentals I (4) Class #13325, R Hendrickson
ASC 087	College Writing Prep II (2) Class #13429, T Eklund	CIS 180	HTML and CSS (3) Class #13326, B Schillinger
ASC 088	Composition Lab (1)	CIS 183	Social Media (3) Class #13327, B Schillinger
BADM 110	Class #13430, CL Deuser Introduction to eBusiness (3) Class #13124, B Schillinger	CIS 215	Implementing a Microsoft Windows Server Environment (4) Class #13328, J Kroshus •
BADM 201	Principles of Marketing (3) Class #13126, G Anderson Exam proctor required.		Hardware requirements: Minimum 8 GB RAM, 64-bit processor (1.3GHz or faster) and minimum 80 GB free space on the hard drive. Software requirements: 64-bit Operating System.
BADM 217	Promotion and Advertising (3) Class #13126, G Anderson Exam proctor required.	CIS 232	Graphics Design (3) Class #13329, B Schillinger Adobe Illustrator CC required.
BADM 282	Human Resource Management (3) Class #13138, K Marquette	CIS 241	IT Forensics I (4) Class #13871, J Kroshus
BIOL 115	Concepts of Anatomy and Physiology (3) Class #13431, C Armour Corequisite: BIOL 115L. Exam proctor required.	CIS 267	Intermediate Networking I (4) Class #13872, J Kroshus Prerequisites: CIS 164, CIS 165.
BIOL 115L	Concepts of Anatomy and Physiology Lab (1) Class #13432, S King Corequisite: BIOL 115. Exam proctor required. Lab is taught online and requires access to or the purchase of a human torso model and human skeleton model (may be purchased from the NDSCS-Wahpeton Bookstore).	CIS 282	Computer System Security (4) Class #13874, J Kroshus Prerequisite: CIS 164.
		COMM 110	Fundamentals of Public Speaking (3) Class #13445, C Gunnerson Students must be able to record and upload speeches.
BIOL 220	Anatomy and Physiology I (3) Class #13433, C Armour Corequisite: BIOL 220L. Exam proctor required.	CSCI 116	Business Use of Computers (3-4) Class #13317, B Schillinger
BIOL 220L	Anatomy and Physiology I Lab (1) Class #13434, N Weber Corequisite: BIOL 220 Lab is taught online. Book and lab kit can be ordered from NDSCSBookstore.com.	CSCI 133	Database Concepts I (SQL) (3) Class #13322, R Hendrickson
		CSCI 160	Computer Science I (4) Class #13323, J Watne Software downloaded from Internet.
BIOL 221	Anatomy and Physiology II (3) Class #13443, M Brejcha Prerequisite: BIOL 220, Corequisite: BIOL 221L	CSCI 230	Web Database I (ASP/PHP) (3) Class #13324, R Hendrickson
	Exam proctor required.		

ENGL 110	College Composition I (3) Class #13456, W King Must meet entry-level requirements.	OTA 105	Medical Terminology (2) Class #13036, L Keaveny Corequisite: All fall semester first-year courses.	
ENGL 120	College Composition II (3) Class #13457, S Priebe Prerequisite: ENGL 110	OTA 215	Exam proctor required. Behavioral Health: Theory/Practice-Adults (3) Class #13041, J Sibla Corequisite: All fall semester first-year courses. Exam proctor required. Ethics (3)	
ENGL 125	Introduction to Professional Writing (3) Class #14053, R Marman Prerequisite: ENGL 110	PHIL 210		
HIST 102	Western Civilization II (3)		Class #13468, Dr. M Arandia	
	Class #13459, D Wesolick	PRMT 102	Pharmaceutical Calculations (3) Class #13031, M Krava	
HIT 176	Introduction to Health Information (4) Class #13220, Staff • Exam proctor required. This class is for Medical Coding and Health Information Technician students. Other students must receive		Prerequisite: ACT math score of 21 or completion o ASC 93. NOTE: This class is live-streamed Tuesdays and Thursdays from 10-11:20 a.m.	
HIT 282	approval from instructor. Health Information Data Analytics (3)	PSYC 230	Educational Psychology (3) Class # 13469, J Deckert Prerequisite: PSYC 111	
	Class #13327, Staff ① Prerequisite: HIT 176. Exam proctor required.	PSYC 250	Developmental Psychology (3) Class #13470, S Washburn Exam proctor required.	
HIT 284	Healthcare Quality Management (3) Class #13231, Staff Prerequisite: HIT 176. Exam proctor required.	PSYC 270	Abnormal Psychology (3) Class #13471, C Gulbro Prerequisite: Three credits in Psychology.	
HIT 287	Computer Applications in Health Care (3) Class #13235, Staff Prerequisite or Corequisite: HIT 176. Exam proctor required. Students will use Microsoft Project for HIT 287. NDSCS will provide free licenses to use the software.	SOC 110	Introduction to Sociology (3) Class #13472, K Wolf	
		SOC 115	Social Problems (3) Class #13473, K Wolf	
HPER 100	Concepts of Fitness and Wellness (2) Class #13241, J Passa	FIRST HALF SEMESTER COURSES The following courses run the first half of fall semester unless otherwise.		
HPER 217	Personal and Community Health (3) Class #13369, J Passa	indicated (Au	ed (August 26-October 18). 90 Math Prep (2)	
MATH 103	College Algebra (3)		Class #13474, M Kaduc Exam proctor required.	
	Class 13463, B Hagelstrom ⊘ Prerequisite: ASC 093 or placement test. Exam proctor required.	ASC 092	Algebra Prep II (2) Class #13840, B Hagelstrom ❷ Prerequisite: Placement score or ASC 091.	
MICR 202	Introductory Microbiology (3) Class #13494, A Kempfer		Exam proctor required.	
	Class # 15454, A Kempler Corequisite: MICR 202L. Exam proctor required. Lab will be taught summer semester on the NDSCS-Wahpeton campus.	BADM 240	Sales (3) Class #13134, A Smith Exam proctor required.	
NURS 255	Role Transition (1) Class #13962, J Rudisel	CIS 279	Security Awareness and Policy (1) Class #13316, J Kroshus •	
NUTR 240	Principles of Nutrition (and Diet Therapy) (3) Class #13466, V Berg Exam proctor required for final test.	FYE 101	Windows PC required. Science of Success (1) Class #13454, J Marquardt	
NUTR 299	Diet Therapy (1) Class #13467, V Berg Department Approval Needed. Exam proctor required for final test. NOTE: NOT in addition to NUTR 240.	HIT 197C	Practicum (2) Class #13237, Staff • Prerequisite: Successful completion of all coding program courses. To register for the course, students must have prior approval from HI Department Chair.	
		HIT 283	Health Information Leadership (2) Class #13229, Staff Prerequisite: HIT 176. Exam proctor required.	

PHRM 123 Pharmacology for Pharmacy Technicians I (2)

Class #13032, M Krava

Prerequisites and/or Corequisites: BIOL 115, PRMT

101. PRMT 102. and PRMT 111.

NOTE: This class is live-streamed Tuesdays and

Thursdays from 12-1:50 p.m.

PRMT 101 Orientation to Pharmacy Practice (1)

Class # 13030, M Krava

NOTE: This class is live-streamed Tuesdays and

Thursdays from 8-8:50 a.m.

PSYC 100 Human Relations in Organizations (2)

Class #13476, C Loe

SECOND HALF SEMESTER COURSES

The following courses run the second half of fall semester unless otherwise indicated (October 21-December 20).

ASC 091 Algebra Prep I (2)

Class #13854, L Gilbertson

Prerequisite: Placement score or ASC 090.

Exam proctor required.

ASC 093 Algebra Prep III (2)

Class #13478, B Hagelstrom 2

Prerequisite: Placement score or ASC 092.

Exam proctor required.

BADM 234 Customer Service (1)

> Class #13131, C Schreiber Exam proctor required.

BUSN 120 Fundamentals of Business (3)

Class #13140, A Smith Exam proctor required.

FYE 101 Science of Success (1)

Class #13455, L Wixo

HIT 280 Coding Application (2)

> Class #13222, Staff 1 Prerequisites: HIT 184, HIT 185

Exam proctor required.

HPER 210 First Aid and CPR (Professional/Community) (2)

Class #13260, F Mastel

Students need access to a CPR mannequin and video

recorder.

PHRM 124 Pharmacology for Technicians II (2)

Class #13033, M Krava

Prerequisites and/or Corequisites: BIOL 115, PRMT

101, PRMT 102, PRMT 111 and PHRM 123.

NOTE: This class is live-streamed Tuesdays and

Thursdays from 12-1:50 p.m.

PRMT 111 Pharmacy Law and Ethics (1)

> Class #13034, M Krava Prerequisite: PRMT 101.

NOTE: This class is live-streamed Tuesdays and

Thursdays from 8-8:50 a.m.

North Dakota State College of Science is fully committed to equal opportunity in employment decisions and educational programs and activities, in compliance with all applicable federal and state laws, for all individuals without regard to race, color, national origin, religion, sex, disability, age, sexual orientation, status with regard to marriage or public assistance, or participation in lawful activity off the employer's premises during non-working hours which is not in direct conflict with the essential business-related interests of the employer.

The North Dakota State College of Science is accredited by The Higher Learning Commission, 230 North LaSalle Street, Suite 7-500, Chicago, IL 60604, 312-263-0456, 800-621-7440 3/19



NDSCS | live well. NDSCS is a tobacco-free campus in order to promote the health, wellness and safety of all people on its campus.

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RETURN SERVICE REQUESTED