

# Undergraduate Programs of Study

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These program of study pages provide a summary overview of NDSU's various undergraduate majors, minors and certificate programs. Majors include a sample program guide for a 4-year program. The sample program guide is an informal curriculum offering a suggested sequence of courses by semester. Sample program guides are intended to be flexible based on a number of individual student factors and should never replace the official curriculum. A link to the official curriculum is included in each overview.

M=Major, m=minor, C=Certificate, CC= Certificate of Completion, D=Dual major, 2nd=Second Major only

## A

Accounting (<http://catalog.ndsu.edu/programs-study/undergraduate/accounting/>) M,m

Advertising and Design (<http://catalog.ndsu.edu/programs-study/undergraduate/advertising-design/>) C

Aerospace Studies (<http://catalog.ndsu.edu/programs-study/undergraduate/aerospace-studies/>) m

Aging Studies (<http://catalog.ndsu.edu/programs-study/undergraduate/aging-studies/>) C

Agribusiness (<http://catalog.ndsu.edu/programs-study/undergraduate/agribusiness/>)\* M,m

Agricultural and Biosystems Engineering (<http://catalog.ndsu.edu/programs-study/undergraduate/agricultural-biosystems-engineering/>)\* M

Agricultural Communication (<http://catalog.ndsu.edu/programs-study/undergraduate/agricultural-communication/>) M,m

Agricultural Economics (<http://catalog.ndsu.edu/programs-study/undergraduate/agricultural-economics/#text>)\* M

Agricultural Education (<http://catalog.ndsu.edu/programs-study/undergraduate/agricultural-education/>) M

Agricultural Systems Management (<http://catalog.ndsu.edu/programs-study/undergraduate/agricultural-systems-management/>) m

Animal Science (<http://catalog.ndsu.edu/programs-study/undergraduate/animal-science/>) M,m

Anthropology (<http://catalog.ndsu.edu/programs-study/undergraduate/anthropology/>) M,m

Apparel, Retail Merchandising and Design (<http://catalog.ndsu.edu/programs-study/undergraduate/apparel-retail-mechandising-design/>) M,m,C

Architecture (<http://catalog.ndsu.edu/programs-study/undergraduate/architecture/>) M

Art (<http://catalog.ndsu.edu/programs-study/undergraduate/art/>) M,m

Art Education (<http://catalog.ndsu.edu/programs-study/undergraduate/art-education/>) M

Artificial Intelligence (<http://catalog.ndsu.edu/programs-study/undergraduate/artificial-intelligence/>) m

## B

Banking (<http://catalog.ndsu.edu/programs-study/undergraduate/banking/>) m

Behavioral Statistics (<http://catalog.ndsu.edu/programs-study/undergraduate/behavioral-statistics/>) M

Biochemistry and Molecular Biology (<http://catalog.ndsu.edu/programs-study/undergraduate/biochemistry-molecular-biology/>) M,m

Biological Sciences (<http://catalog.ndsu.edu/programs-study/undergraduate/biological-science/>)\* M,m

Biological Sciences Education (<http://catalog.ndsu.edu/programs-study/undergraduate/biological-sciences-education/>) M

Biomedical Engineering (<http://catalog.ndsu.edu/programs-study/undergraduate/biomedical-engineering/>) m

Biotechnology (<http://catalog.ndsu.edu/programs-study/undergraduate/biotechnology/>) M,m

Botany (<http://catalog.ndsu.edu/programs-study/undergraduate/biological-science/>) m

Business Administration (<http://catalog.ndsu.edu/programs-study/undergraduate/business-administration/>) M,m

Business Analytics (<http://catalog.ndsu.edu/programs-study/undergraduate/business-analytics/>) C

Business Education (<http://catalog.ndsu.edu/programs-study/undergraduate/business-education/>) M

## C

Certificate of Completion: First-Year Spanish (<http://catalog.ndsu.edu/programs-study/undergraduate/first-year-spanish/>) CC

Certificate of Completion: Second-Year Spanish (<http://catalog.ndsu.edu/programs-study/undergraduate/second-year-spanish/>) CC

Certificate of Completion: Third-Year Spanish (<http://catalog.ndsu.edu/programs-study/undergraduate/third-year-spanish/>) CC

Chemistry (<http://catalog.ndsu.edu/programs-study/undergraduate/chemistry/>) M,m

Chemistry Education (<http://catalog.ndsu.edu/programs-study/undergraduate/chemistry-education/>) M

Civil Engineering (<http://catalog.ndsu.edu/programs-study/undergraduate/civil-engineering/>)\* M

Coatings and Polymeric Materials (<http://catalog.ndsu.edu/programs-study/undergraduate/coatings-polymeric-materials/>)\* m

Community Development (<http://catalog.ndsu.edu/programs-study/undergraduate/community-development/>) m

Comprehensive Science Education (<http://catalog.ndsu.edu/programs-study/undergraduate/comprehensive-science-education/>) M

Computer Engineering (<http://catalog.ndsu.edu/programs-study/undergraduate/computer-engineering/>)\* M

Computer Science (<http://catalog.ndsu.edu/programs-study/undergraduate/computer-science/>)\* M,m,C

Computer Science and Mathematics (<http://catalog.ndsu.edu/programs-study/undergraduate/computer-science-mathematics/>) D

Computer Science and Physics (<http://catalog.ndsu.edu/programs-study/undergraduate/computer-science-physics/>) D

Computer Science Foundations (<http://catalog.ndsu.edu/programs-study/undergraduate/computer-science-foundations/>) C

Computing Systems (<http://catalog.ndsu.edu/programs-study/undergraduate/computing-systems/>) C

Construction Engineering (<http://catalog.ndsu.edu/programs-study/undergraduate/construction-engineering/>)\* M

Construction Management (<http://catalog.ndsu.edu/programs-study/undergraduate/construction-management/>) M

Core Computer Science Competencies (<http://catalog.ndsu.edu/programs-study/undergraduate/core-computer-science-competencies/>) C

Creative Writing (<http://catalog.ndsu.edu/programs-study/undergraduate/creative-writing/>) m

Criminal Justice (<http://catalog.ndsu.edu/programs-study/undergraduate/criminal-justice/>)\* M,m

Crop and Weed Science (<http://catalog.ndsu.edu/programs-study/undergraduate/crop-weed-science/>) M,m

Cultural Diversity (<http://catalog.ndsu.edu/programs-study/undergraduate/cultural-diversity/>) m

Cybersecurity (<http://catalog.ndsu.edu/programs-study/undergraduate/cybersecurity/>) M,C

## D

Data Science (<http://catalog.ndsu.edu/programs-study/undergraduate/data.science/>) C

## E

Earth Science Education (<http://catalog.ndsu.edu/programs-study/undergraduate/earth-science-education/>) M

Economic Computation (<http://catalog.ndsu.edu/programs-study/undergraduate/economic-computation/>) C

Economics (<http://catalog.ndsu.edu/programs-study/undergraduate/economics/>)\* M,m

Electrical Engineering (<http://catalog.ndsu.edu/programs-study/undergraduate/electrical-engineering/>)\* M

Electrical Engineering & Physics (<http://catalog.ndsu.edu/programs-study/undergraduate/electrical-engineering-physics/>) D

Elementary Education & Human Development and Family Science (<http://catalog.ndsu.edu/programs-study/undergraduate/elementary-education-human-development-family-science/>) (Dual Degree Program with Valley City State University) D

Emergency Management (<http://catalog.ndsu.edu/programs-study/undergraduate/emergency-management/>) M,m

English (<http://catalog.ndsu.edu/programs-study/undergraduate/english/>) M,m

English Education (<http://catalog.ndsu.edu/programs-study/undergraduate/english-education/>) M

Entrepreneurship (<http://catalog.ndsu.edu/programs-study/undergraduate/entrepreneurship/>) m, C

Environmental Design (<http://catalog.ndsu.edu/programs-study/undergraduate/environmental-design/>) M

Environmental Engineering (<http://catalog.ndsu.edu/programs-study/undergraduate/environmental-engineering/>) M

Equine Assisted Activities and Therapies (<http://catalog.ndsu.edu/programs-study/undergraduate/equine-assisted-activities-therapies/>) m

Equine Science (<http://catalog.ndsu.edu/programs-study/undergraduate/equine-science/>) M,m

Event Management (<http://catalog.ndsu.edu/programs-study/undergraduate/event-management/>) C

Exercise Science (<http://catalog.ndsu.edu/programs-study/undergraduate/exercise-science/>) M

Extension Education (<http://catalog.ndsu.edu/programs-study/undergraduate/extension-education/>) m

## F

Family and Consumer Sciences Education (<http://catalog.ndsu.edu/programs-study/undergraduate/family-consumer-sciences-education/>) M

Family Financial Planning (<http://catalog.ndsu.edu/programs-study/undergraduate/family-financial-planning/>) C

Finance (<http://catalog.ndsu.edu/programs-study/undergraduate/finance/>) M,C

Food Science (<http://catalog.ndsu.edu/programs-study/undergraduate/food-science/>)\* M

Food Science and Technology (<http://catalog.ndsu.edu/programs-study/undergraduate/food-science-technology/>) m

Fraud Investigation (<http://catalog.ndsu.edu/programs-study/undergraduate/fraud-investigation/>) m

Fundamentals of Computing & Security (<http://catalog.ndsu.edu/programs-study/undergraduate/fundamentals-computing-security/>) C

## G

General Agriculture (<http://catalog.ndsu.edu/programs-study/undergraduate/general-agriculture/>) M,m

Gerontology (<http://catalog.ndsu.edu/programs-study/undergraduate/gerontology/>) m

GIS and Remote Sensing (<http://catalog.ndsu.edu/programs-study/undergraduate/gis-remote-sensing/>) C

Global Business (<http://catalog.ndsu.edu/programs-study/undergraduate/global-business/>) M (2nd major only)

## H

Health Education (<http://catalog.ndsu.edu/programs-study/undergraduate/health-education/>) M

Health Services (<http://catalog.ndsu.edu/programs-study/undergraduate/health-services/>) M

History (<http://catalog.ndsu.edu/programs-study/undergraduate/history/>) M,m

History Education (<http://catalog.ndsu.edu/programs-study/undergraduate/history-education/>) M

Horticulture (<http://catalog.ndsu.edu/programs-study/undergraduate/horticulture/>)e and Urban Agricultural (<http://catalog.ndsu.edu/programs-study/undergraduate/horticulture/>) M,m

Hospitality & Tourism Management (<http://catalog.ndsu.edu/programs-study/undergraduate/hospitality-tourism-management/>) m

Human Development and Family Science (<http://catalog.ndsu.edu/programs-study/undergraduate/human-development-family-science/>)\* M,m

## I

Industrial Engineering and Management (<http://catalog.ndsu.edu/programs-study/undergraduate/industrial-engineering-management/>) M,m

Interior Design (<http://catalog.ndsu.edu/programs-study/undergraduate/interior-design/>) M

International Studies (<http://catalog.ndsu.edu/programs-study/undergraduate/international-studies/>) M (2nd major only),m,C

## J

Journalism (<http://catalog.ndsu.edu/programs-study/undergraduate/journalism/>) M,m

## L

Landscape Architecture (<http://catalog.ndsu.edu/programs-study/undergraduate/landscape-architecture/>) m

Large Animal Veterinary Technology (<http://catalog.ndsu.edu/programs-study/undergraduate/large-animal-veterinary-technology/>) m

Logistics Management (<http://catalog.ndsu.edu/programs-study/undergraduate/logistics-management/>) m

## M

Management (<http://catalog.ndsu.edu/programs-study/undergraduate/management/>) M

Management Communication (<http://catalog.ndsu.edu/programs-study/undergraduate/management-communication/>) M,m

Management Information Systems (<http://catalog.ndsu.edu/programs-study/undergraduate/management-information-systems/>) M,m

Managerial Psychology (<http://catalog.ndsu.edu/programs-study/undergraduate/managerial-psychology/>) m

Manufacturing Engineering (<http://catalog.ndsu.edu/programs-study/undergraduate/manufacturing-engineering/>) M,m

Marketing (<http://catalog.ndsu.edu/programs-study/undergraduate/marketing/>) M

Mathematics (<http://catalog.ndsu.edu/programs-study/undergraduate/mathematics/>) M,m

Mathematics Education (<http://catalog.ndsu.edu/programs-study/undergraduate/mathematics-education/>) M

Mathematics and Computer Science (<http://catalog.ndsu.edu/programs-study/undergraduate/computer-science-mathematics/>) D

Mathematics and Physics (<http://catalog.ndsu.edu/programs-study/undergraduate/mathematics-physics/>) D

Mathematics and Statistics (<http://catalog.ndsu.edu/programs-study/undergraduate/mathematics-statistics/>) D

Mechanical Engineering (<http://catalog.ndsu.edu/programs-study/undergraduate/mechanical-engineering/>)\* M

Mechanical Engineering and Physics (<http://catalog.ndsu.edu/programs-study/undergraduate/mechanical-engineering-physics/>) D

Medical Laboratory Science (<http://catalog.ndsu.edu/programs-study/undergraduate/medical-laboratory-science/>) M

Microbiology (<http://catalog.ndsu.edu/programs-study/undergraduate/microbiology/>) M,m

Military Science (<http://catalog.ndsu.edu/programs-study/undergraduate/military-science/>) m

Music (<http://catalog.ndsu.edu/programs-study/undergraduate/music/>) (BS/BA; BMUS) M,m

Music Education (<http://catalog.ndsu.edu/programs-study/undergraduate/music-education/>) - Bachelor of Music programs (instrumental and vocal) M,m

## N

Natural Resources Management (<http://catalog.ndsu.edu/programs-study/undergraduate/natural-resources-management/>) M,m

Neuroscience (<http://catalog.ndsu.edu/programs-study/undergraduate/neuroscience/>) m

Nursing (<http://catalog.ndsu.edu/programs-study/undergraduate/nursing/>) M

Nutrition Science (<http://catalog.ndsu.edu/programs-study/undergraduate/nutrition-science/>) M

## O

Organizational Leadership (<http://catalog.ndsu.edu/programs-study/undergraduate/organizational-leadership/>) C

## P

Pharmacy (<http://catalog.ndsu.edu/programs-study/undergraduate/pharmacy/>) (includes the pre-pharmacy requirements and the B.S. in Pharmaceutical Sciences) M

Philosophy, Ethics, and Applied Humanities (<http://catalog.ndsu.edu/programs-study/undergraduate/philosophy-ethics/>) M, m

Physical Education (<http://catalog.ndsu.edu/programs-study/undergraduate/physical-education/>) M

Physics (<http://catalog.ndsu.edu/programs-study/undergraduate/physics/>)\* M,m

Physics Education (<http://catalog.ndsu.edu/programs-study/undergraduate/physics-education/>) M

Physics and Computer Science (<http://catalog.ndsu.edu/programs-study/undergraduate/computer-science-physics/>) D

Physics and Mathematics (<http://catalog.ndsu.edu/programs-study/undergraduate/mathematics-physics/>) D

Political Science (<http://catalog.ndsu.edu/programs-study/undergraduate/political-science/>) M,m

Precision Agriculture Technology & Management (<http://catalog.ndsu.edu/programs-study/undergraduate/precision-agriculture/>) M,m

Pre-Law (<http://catalog.ndsu.edu/programs-study/undergraduate/pre-law/>) m

Private Enterprise (<http://catalog.ndsu.edu/programs-study/undergraduate/private-enterprise/>) C

Professional Ethics (<http://catalog.ndsu.edu/programs-study/undergraduate/professional-ethics/>) m, C

Professional Selling (<http://catalog.ndsu.edu/programs-study/undergraduate/professional-selling/>) m, C

Professional Writing (<http://catalog.ndsu.edu/programs-study/undergraduate/professional-writing/>) C

Psychology (<http://catalog.ndsu.edu/programs-study/undergraduate/psychology/>) M,m

Public Health (<http://catalog.ndsu.edu/programs-study/undergraduate/public-health/>) m

Public History (<http://catalog.ndsu.edu/programs-study/undergraduate/public-history/>) M

Public Policy (<http://catalog.ndsu.edu/programs-study/undergraduate/public-policy/>) m

Publishing (<http://catalog.ndsu.edu/programs-study/undergraduate/publishing/>) C

## R

Radiologic Science (<http://catalog.ndsu.edu/programs-study/undergraduate/radiologic-sciences/>) M

Range Science (<http://catalog.ndsu.edu/programs-study/undergraduate/range-science/>) m

Reliability Engineering (<http://catalog.ndsu.edu/programs-study/undergraduate/reliability-engineering/>) m

Religion (<http://catalog.ndsu.edu/programs-study/undergraduate/religious-studies/>) m

Respiratory Care (<http://catalog.ndsu.edu/programs-study/undergraduate/respiratory-care/>) M

Robotics (<http://catalog.ndsu.edu/programs-study/undergraduate/robotics/>) m

## S

Social Science Education (<http://catalog.ndsu.edu/programs-study/undergraduate/social-science-education/>) M

Social Work & Human Development and Family Science (<http://catalog.ndsu.edu/programs-study/undergraduate/social-work-human-development-family-science/>) (Dual Degree Program with Minot State University) D

Sociology (<http://catalog.ndsu.edu/programs-study/undergraduate/sociology/>) M,m

Soil Science (<http://catalog.ndsu.edu/programs-study/undergraduate/soil-science/>) m

Software Development (<http://catalog.ndsu.edu/programs-study/undergraduate/software-development/>) C

Software Engineering (<http://catalog.ndsu.edu/programs-study/undergraduate/software-engineering/>) M,C

Spanish (<http://catalog.ndsu.edu/programs-study/undergraduate/spanish/>) M,m

Spanish Education (<http://catalog.ndsu.edu/programs-study/undergraduate/spanish-education/>) M

Spanish Studies (<http://catalog.ndsu.edu/programs-study/undergraduate/spanish-studies/>) m

Sport Management (<http://catalog.ndsu.edu/programs-study/undergraduate/sport-management/>) M

Statistics (<http://catalog.ndsu.edu/programs-study/undergraduate/statistics/>) M,m

Statistics and Mathematics (<http://catalog.ndsu.edu/programs-study/undergraduate/mathematics-statistics/>) D

Strategic Communication (<http://catalog.ndsu.edu/programs-study/undergraduate/strategic-communication/>) M,m

Supply Chain Management (<http://catalog.ndsu.edu/programs-study/undergraduate/supply-chain-management/>) M

## **T**

Theatre Arts (<http://catalog.ndsu.edu/programs-study/undergraduate/theatre-arts/>) M,m

Tribal and Indigenous Peoples Studies (<http://catalog.ndsu.edu/programs-study/undergraduate/tribal-indigenous-peoples-studies/>) m

## **U**

University Studies (<http://catalog.ndsu.edu/programs-study/undergraduate/university-studies/>) M

## **V**

Veterinary Technology (<http://catalog.ndsu.edu/programs-study/undergraduate/veterinary-technology/>) M

## **W**

Wellness (<http://catalog.ndsu.edu/programs-study/undergraduate/wellness/>) m

Women and Gender Studies (<http://catalog.ndsu.edu/programs-study/undergraduate/women-gender-studies/>) M,m

## **Z**

Zoology (<http://catalog.ndsu.edu/programs-study/undergraduate/biological-science/>) m

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NDSU offers combined/accelerated degree programs for highly-qualified students to earn both a bachelor's and master's degree in a cost-effective, quality, and timely manner with department approval. These disciplines are currently available as combined/accelerated programs.