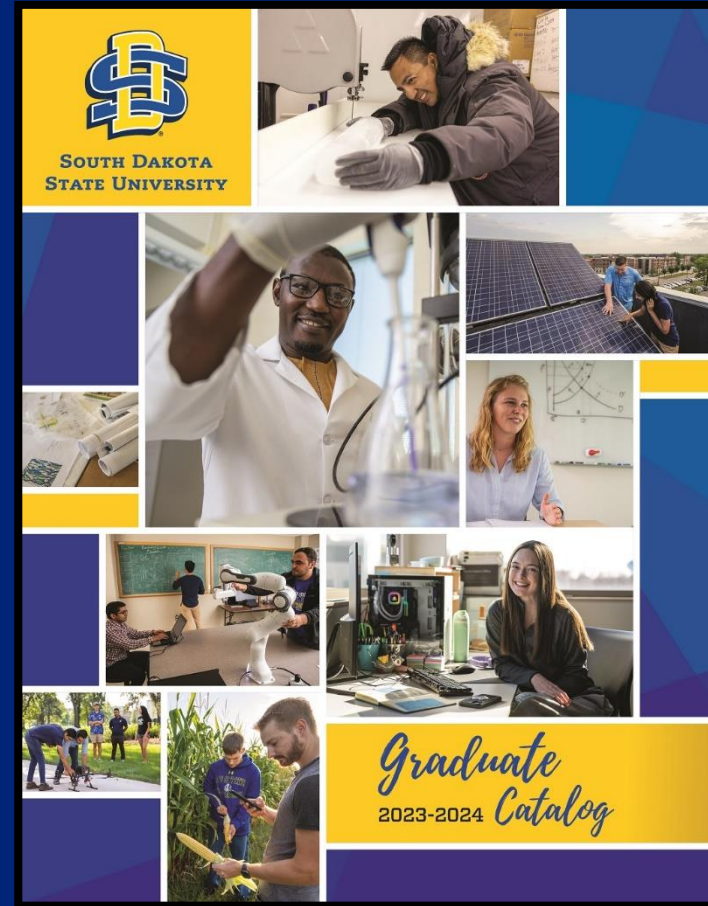


SOUTH DAKOTA STATE UNIVERSITY ONLINE CATALOG USER GUIDE

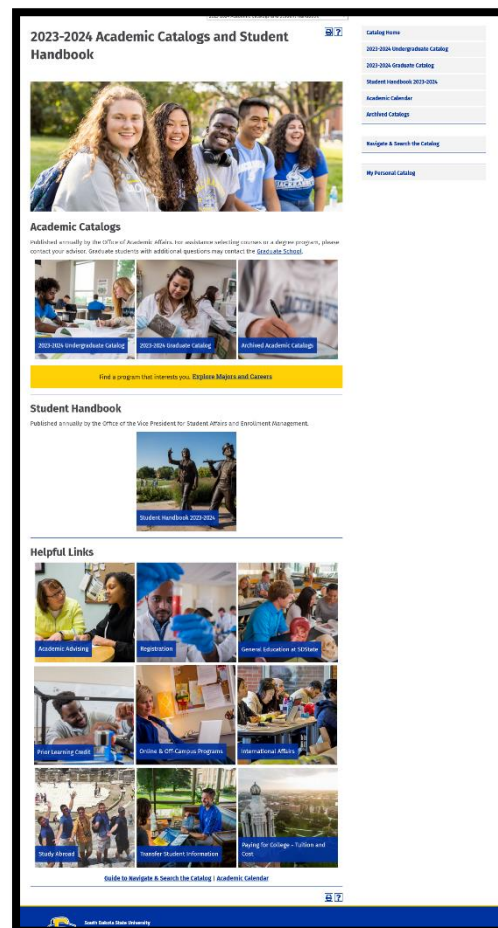
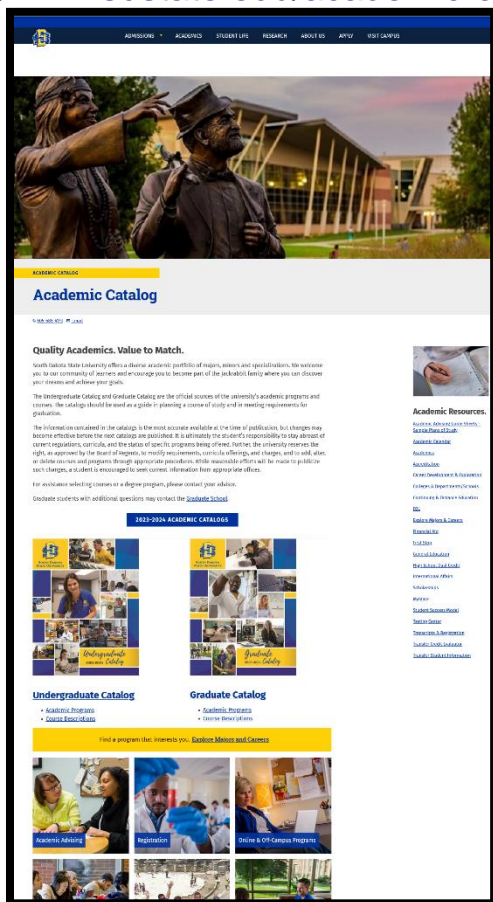


**SOUTH DAKOTA
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HOW DO I FIND THE ONLINE CATALOG?

Options to access the online academic catalog:

1. SDState website – <https://www.sdstate.edu/academic-catalog>
2. Direct link – <https://catalog.sdstate.edu/>



CATALOG HOME PAGE - SELECT A CATALOG


On the Academic Catalogs and Student Handbook home page we have three ways to access catalogs.





Select the Undergraduate Catalog, Graduate Catalogs, or Archived Catalog.



Select the Undergraduate Catalog, Graduate Catalogs, or Archived Academic Catalogs of your choice.

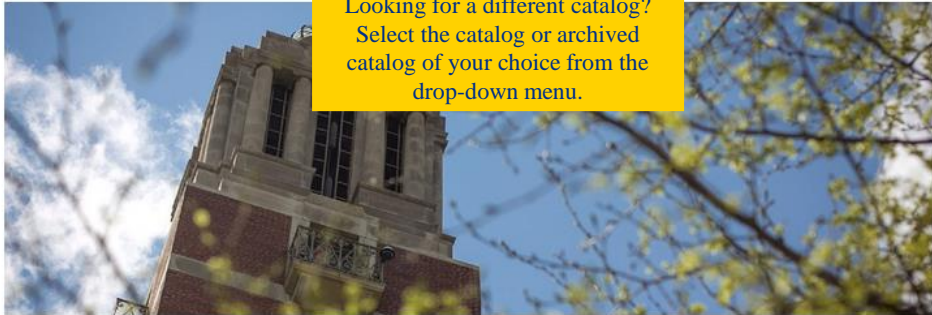
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2023-2024 Undergraduate Catalog  



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Select the catalog or archived
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drop-down menu.

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The catalog is the official source of the university's academic programs   

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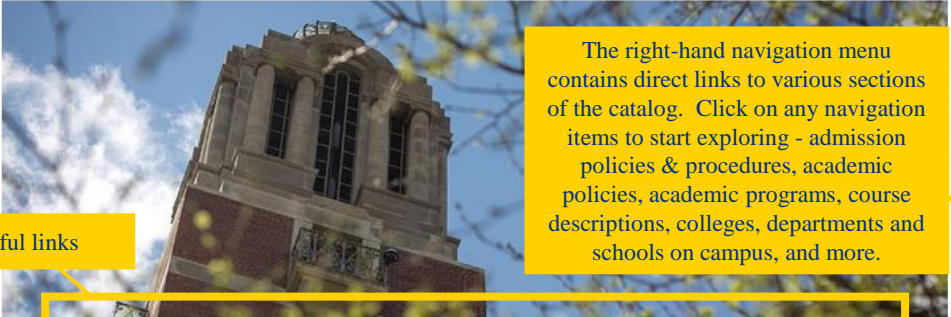
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2023-2024 Undergraduate Catalog ▾

To navigate through our catalog, please use the links on the right navigation section, the header along the top of the website, or links on the catalog home page.



The right-hand navigation menu contains direct links to various sections of the catalog. Click on any navigation items to start exploring - admission policies & procedures, academic policies, academic programs, course descriptions, colleges, departments and schools on campus, and more.

Helpful links

 ACADEMIC PROGRAMS	 COURSE DESCRIPTIONS	 REGISTRATION	 SDSU ADVISING FIRST STOP	 GENERAL EDUCATION REQUIREMENTS	 GRADUATION REQUIREMENTS
 EXPLORE WHAT'S NEW	 ACADEMIC CALENDAR	 ONLINE & OFF-CAMPUS PROGRAMS	 PRIOR CREDIT LEARNING	 INTERNATIONAL AFFAIRS	 STUDY ABROAD


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The catalog is the official source of the university's academic programs

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ICON GUIDE

Icons are located at the top of most pages and allow bookmarking a course or program, sharing to Facebook or Twitter, creating a print-friendly page, or accessing the help menu.

Geographic Information Sciences (B.S.)

Location(s): [Brookings Main Campus](#), [Online](#)

← Return to: [Academic Programs - Majors, Minors, Certificates](#)

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Degree Planner

View a print-friendly version of degree requirements in a checklist format.



My Personal Catalog

Create a personal portfolio with the “My Personal Catalog” link.



Social Media

Share catalog information on Facebook or Twitter.



Print

Generate a pop-up page formatted to print neatly.



Help

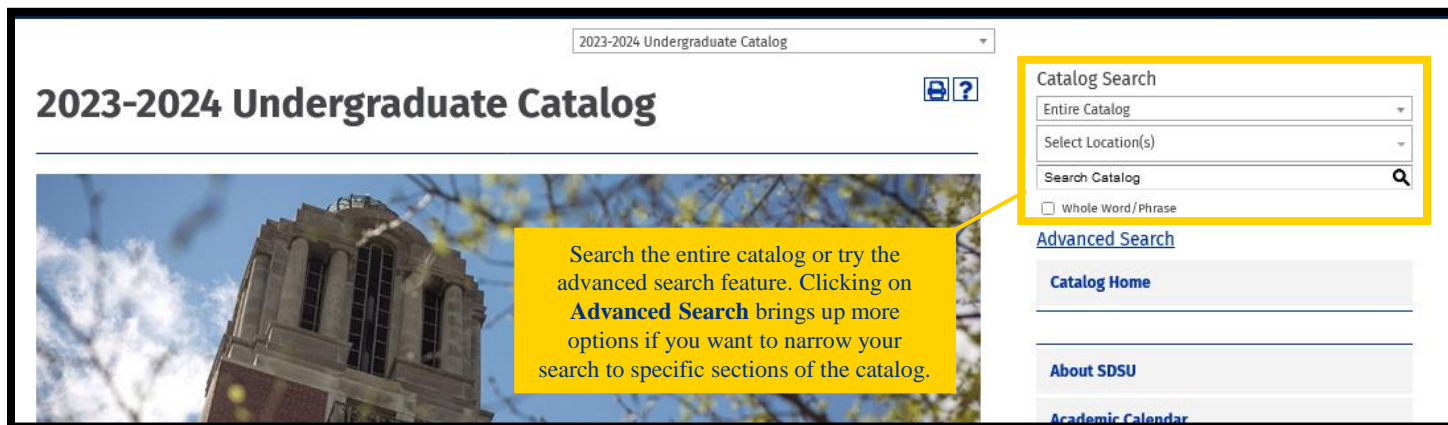
More information on how to use the catalog.



SEARCH THE CATALOG

Use the catalog search box to search by keyword or phrase. Choose the Advanced Search link for additional search options.

KEYWORD SEARCH



2023-2024 Undergraduate Catalog

Search the entire catalog or try the advanced search feature. Clicking on **Advanced Search** brings up more options if you want to narrow your search to specific sections of the catalog.

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Select Location(s)

Search Catalog

☐ Whole Word / Phrase

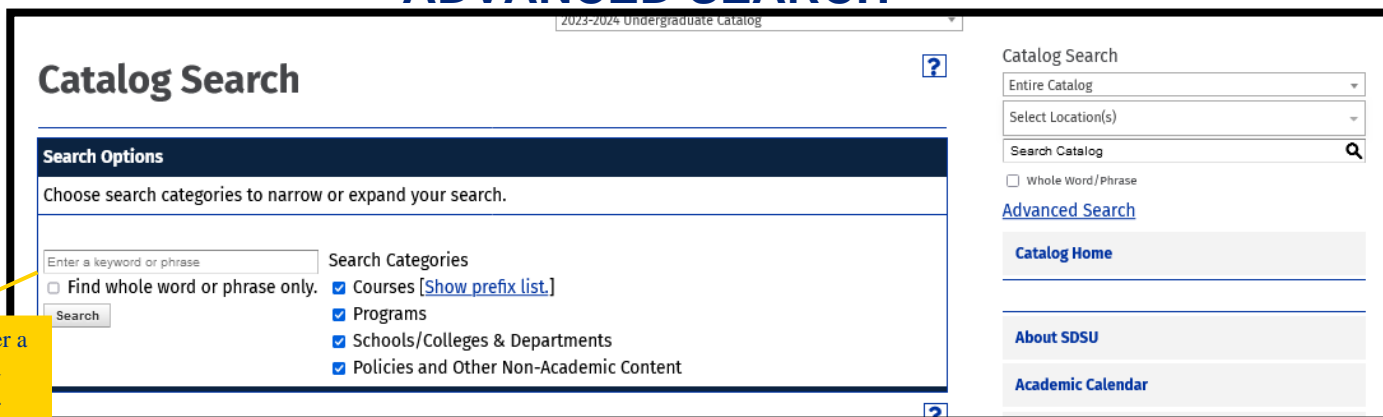
[Advanced Search](#)

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ADVANCED SEARCH



Catalog Search

Search Options

Choose search categories to narrow or expand your search.

Enter a keyword or phrase

☐ Find whole word or phrase only.

Search

Search Categories

- ☒ Courses [\[Show prefix list.\]](#)
- ☒ Programs
- ☒ Schools/Colleges & Departments
- ☒ Policies and Other Non-Academic Content

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Select Location(s)

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Narrow your search. Enter a keyword or phrase and select search locations.

NAVIGATE THE SEARCH RESULTS

Catalog Search

Search Options

Choose search locations to narrow or expand your search.

Enter a keyword or phrase

☐ Find whole word or phrase only.

Search Locations

☒ Courses [\[Show prefix list.\]](#)
☐ Programs
☐ Schools/Colleges & Departments
☐ Policies and Other Non-Academic Content

Sorting: [Alphabetical](#) | [Ranked](#)

Search Results

Courses - Prefix/Code Matches

No matches.

Courses - Keyword/Phrase Matches

Results for any term in "creative".

[DANC 241 - Creative Movement for Children](#)

[ENGL 483 - Advanced Creative Writing \(COM\)](#)

[ENGL 283 - Introduction to Creative Writing \(COM\) \[SGR #1\]](#)

[ENGL 383 - Creative Writing \(COM\)](#)

[DSGN 110 - Creative Thinking](#)

[DANC 241L - Creative Movement for Children Lab](#)

[ADV 371 - Advertising Copy and Design \(COM\)](#)

ADV 371 - Advertising Copy and Design (COM)

★

Credits: 3

Discussion of principles and techniques for developing creative campaigns. Laboratory assignments apply thinking, design, and writing skills to creative problems for different media and different targets. Encompasses creative development for all advertising media.

Prerequisites: [MCOM 220](#) or [MCOM 370](#).

Corequisites: [ADV 371L](#).

[Check Course Availability](#)


[ECE 322 - Contemporary Curriculum Perspectives](#)

[CMST 470 - Intercultural Communication \(COM\)](#)

The system will default to returning results in Ranked order. If you wish you may alter the ways search results will be displayed.


Ranked results will appear with the closest matches first. Alphabetical sorting will display the courses in alphabetical order, with no regard to where the keyword appears in the results.

In this example we searched for the keyword creative. A course with "creative" in the title appears before a course with "creative" in the description.

 **SOUTH DAKOTA
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COURSE FILTER AND DESCRIPTIONS

Course Descriptions & Schedules



[Add to My Personal Catalog](#)

A Guide to Understanding Course Description Information

Click on any of the following links for information:

- [Course Descriptions](#)
- [Course Numbering](#)
- [Course Types/Instructional Methods](#)
- [Other Important Definitions](#)
- [x9x Common Course Descriptions](#)

Search for Class Sections

- [Browse Classes](#)

Contact Information:
[Registrar's Office](#)
Enrollment Services Center (SESC)
PO Box 511
605-688-6195

- [Lifelong Learning/Non Credit Course Offerings](#)

Course Filter

Filter this list of courses using course prefix, course code, keywords or any combination.

Prefix:	Code or Number:	Keyword or Phrase:
All prefixes ▾	<input type="text"/>	<input type="text"/>

☐ Find whole word or phrase only.

ABE (Agricultural and Biosystems Engineering)

- [ABE 101 - Introduction to Agricultural and Biosystems Engineering](#)
- [ABE 132 - Engineering Tools for Agricultural and Biological Engineers](#)

ABE 132 - Engineering Tools for Agricultural and Biological Engineers

Credits: 1

Familiarization with the equipment and systems common to agricultural and biological engineering. Introduction to measurement and analysis of parameters affecting engineered components and systems.

Catalog Search

Courses ▾

Select Location(s) ▾

Search Catalog 🔍

☐ Whole Word/Phrase

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Search for courses by prefix, number, and/or keyword.

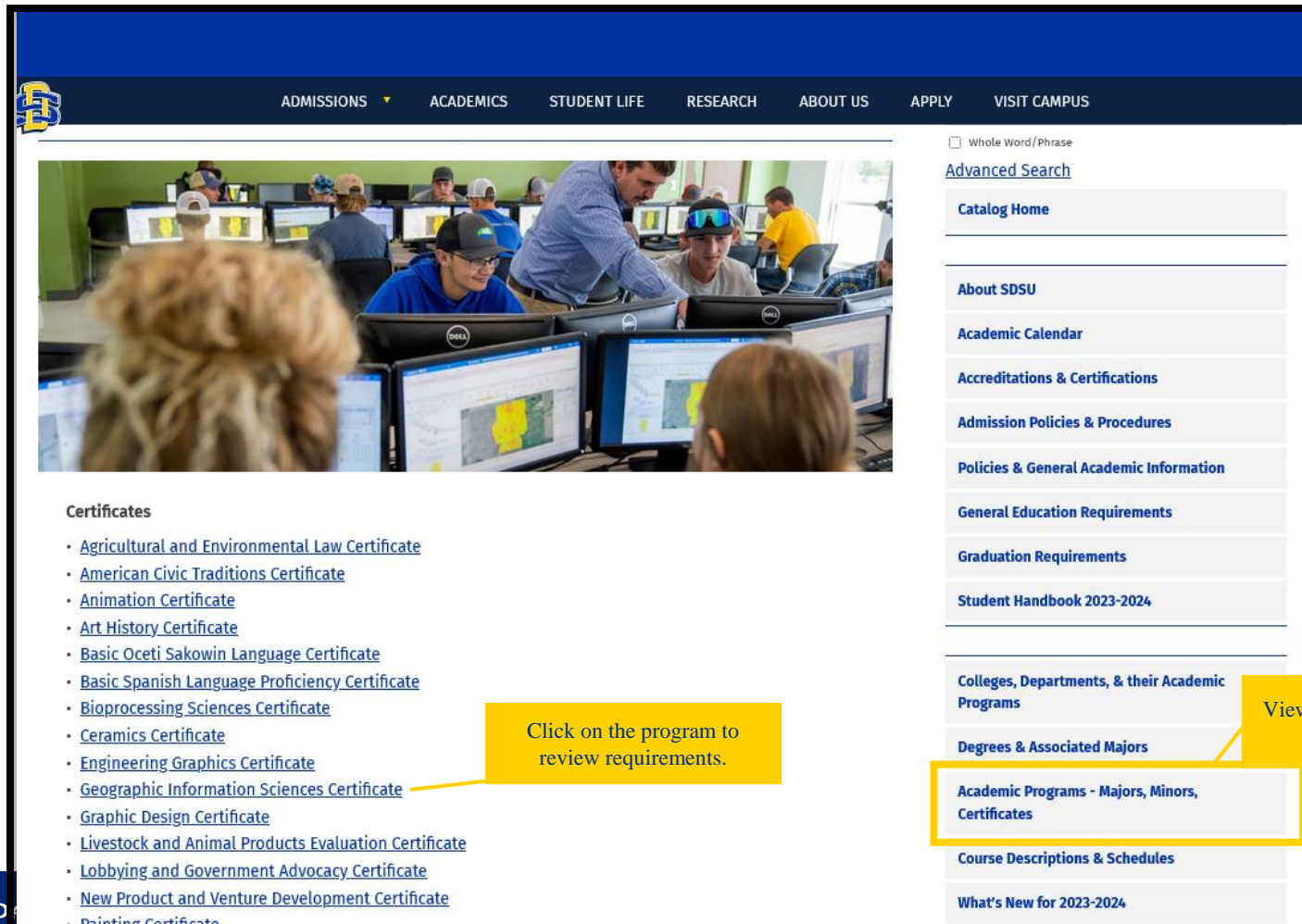
Click on the course title to see all course information.

Click a second time to hide the text.

Course Descriptions

ACADEMIC PROGRAMS – MAJORS, MINORS, AND CERTIFICATES

Looking for program information? Click on Academic Programs – Majors, Minors, Certificates in the right-hand navigation. It will bring you to an alphabetical list of all the programs we offer.



Certificates

- [Agricultural and Environmental Law Certificate](#)
- [American Civic Traditions Certificate](#)
- [Animation Certificate](#)
- [Art History Certificate](#)
- [Basic Oceti Sakowin Language Certificate](#)
- [Basic Spanish Language Proficiency Certificate](#)
- [Bioprocessing Sciences Certificate](#)
- [Ceramics Certificate](#)
- [Engineering Graphics Certificate](#)
- [Geographic Information Sciences Certificate](#)
- [Graphic Design Certificate](#)
- [Livestock and Animal Products Evaluation Certificate](#)
- [Lobbying and Government Advocacy Certificate](#)
- [New Product and Venture Development Certificate](#)
- [Printing Certificate](#)

Click on the program to review requirements.

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View a list of majors, minors, and certificates.

PROGRAM REQUIREMENTS

Geographic Information Sciences (B.S.)

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Location(s): [Brookings Main Campus](#), [Online](#)

[Return to: Academic Programs - Majors, Minors, Certificates](#)

Program Coordinator/Contact

Bob Watrel, Department Head
[Department of Geography and Geospatial Sciences](#)
109 Wecota Hall
605-688-4511

Program Information

Geographic Information Science conce...
geographic information and data acquired from satellites
and airborne platforms, and from ground based
measurements and surveys of human activity and the
environment. Geographic Information Science students
learn how to work with geospatial data to study
relationships, patterns, and trends. In the U.S. the
explosion of geospatial data and their increasing use in
business, government, and people's everyday lives has
led to a growing demand for qualified Geographic
Information Science graduates. Geospatial science is
developing rapidly, associated with developments in
mobile, satellite and airborne remote sensing,
computational, and big data technologies.

Student Learning Outcomes

Graduates with a major in Geographic Information

Geographic Information Sciences (B.S.)

United States of America

Search new location



Currently Employed

\$73,362

Average Salary

14,003

Job Postings

Employment Trends

7.8%

Projected Growth
2023-2028



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PROGRAM REQUIREMENTS

Academic Requirements

Students must earn at least a "C" in each course used to meet the major requirements.

Course Delivery Format

The Geographic Information Sciences program includes lecture, discussion, laboratory research, fieldwork, and travel, with limited online coursework.

Requirements for Geographic Information Sciences Major: 120 Credits

Bachelor of Science

System General Education Requirements

- Goal #1 Written Communication: [SGR #1 Electives Credits: 6](#)
- Goal #2 Oral Communication: [SGR #2 Elective Credits: 3](#)
- Goal #3 Social Sciences/Diversity: [GEOG 111 - Sustainable Society \(COM\) \[SGR #3, HSDC\] Credits: 3](#) (Major Requirement) or [GEOG 200 - Introduction to Human Geography \(COM\) \[SGR #3, HSDC\] Credits: 3](#) (Major Requirement) or [GEOG 210 - World Regional Geography \(COM\) \[SGR #3, HSDC\] Credits: 3](#) (Major Requirement) and [SGR #3 Elective Credits: 3](#)
- Goal #4 Arts and Humanities/Diversity: [SGR #4 Electives Credits: 6](#)
- Goal #5 Mathematics: [SGR #5 Elective Credits: 3](#)
- Goal #6 Natural Sciences: [GEOG 131 - Physical Geography: Weather and Climate \(COM\) \[SGR #6, HSDC\] Credits: 4](#) (Major Requirement), [GEOG 131L - Physical Geography: Weather and Climate Lab \(COM\) \[SGR #6, HSDC\] Credits: 0](#) (Major Requirement), [GEOG 132 - Physical Geography: Natural Landscapes Lab \(COM\) \[SGR #6, HSDC\] Credits: 4](#) (Major Requirement), and [GEOG 132L - Physical Geography: Natural Landscapes Lab \(COM\) \[SGR #6, HSDC\] Credits: 0](#) (Major Requirement)

Click on the course title to expand the course details.

Department of Geography and Geospatial Sciences Requirements

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2023-2024 Undergraduate Catalog

My Personal Catalog

If you have a login account, you can retrieve everything in your Personal Catalog from a previous visit by logging in below.

If you are a new user, you can [create an account](#), which will allow you to save your Personal Catalog and access it later.

If you forgot your password, enter your e-mail address only and click [Reset Password](#).

E-mail Address:

Password:

Login

Reset Password

You may add items to your own personal Portfolio as you browse through the online catalogs. The Portfolio feature will retain a list of courses, programs, pages, divisions, and saved searches that you have found interesting and wish to save for future visits.

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There are currently no courses in your Personal Catalog.

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Save favorite courses, programs, policies, and other frequently accessed catalog pages in one place for easy access.


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Print-friendly option on every page.

Click on a link to be taken to the entry below.

- [History & Mission: The Land-Grant Heritage](#)
- [South Dakota State University Mission Statement](#)
- [Strategic Plan - Imagine 2023: Aspire. Discover. Achieve.](#)
- [Research, Scholarships, & Creative Activities](#)

History & Mission: The Land-Grant Heritage

A Brief History

South Dakota State University is the state's largest, most comprehensive institution of higher education. The land-grant heritage of South Dakota State University, which began with a college founded in 1881, originates from local and national legislation dating back to 1862. The Morrill Act, passed by Congress and signed by President Abraham Lincoln, created the land-grant college system. The act provided federal land to states to fund the establishment of colleges of agriculture, mechanics, arts, and sciences. South Dakota State University was the first land-grant college in the state, and it has since become a leading institution in the field of agriculture and land-grant education.

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- [Strategic Plan - Imagine 2023: Aspire. Discover. Achieve.](#)
- [Research, Scholarships, & Creative Activities](#)

History & Mission: The Land-Grant Heritage

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Additional questions? Click the help button.

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Aalog ACMS™ Online Help

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2. [Searching the Catalog](#)
 1. [Search Options](#)
3. [Browsing the Catalog](#)
 1. [Printing Pages of the Catalog](#)
4. [Using the Personal Catalog Feature](#)
 1. [Create a Personal Catalog Account](#)
 2. [Login and Logout of Personal Catalog Feature](#)
 3. [Edit Your Personal Catalog Profile](#)

For additional help, please contact [Support](#).

1. Selecting a Different Catalog

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You may add information from any of the available catalogs to your own personal Personal Catalog. See below to learn more about [Using the](#)



