Composite Science Education (B.S.Ed.)

Create opportunities for middle and high school students to engage with science and expand their knowledge and critical reasoning skills.

High school and middle school students need science teachers who are passionate about science and enthusiastic about teaching. By earning a bachelor’s degree in science education from the University of North Dakota, you'll receive a broad preparation in biology, chemistry, physics and earth science. You'll graduate ready to teach science to middle and secondary school students.

Program Snapshot

Program type: Major
Format: On-campus
Est. time to complete: 4 years
Credit hours: 125

Why Study Composite Science Education at UND?

The University of North Dakota offers the most comprehensive teacher education program in the state. Our program graduates teachers who enter classrooms in North Dakota, Minnesota and across the nation.

Prospective science teachers may choose between two paths. You may pursue a double major with a B.S. in a science such as biology or chemistry and a B.S.Ed. in secondary education. Alternatively, the B.S.Ed. in composite science education offers an even distribution of course work across the sciences, including 24 credits from your preferred science discipline.

The B.S.Ed. in composite science education program is ideal for students interested in serving in rural areas where they may be required to teach a variety of science content and courses.

Accredited by CAEP

Teacher Education programs at UND meet the rigorous expectations set by the Council for the Accreditation of Educator Programs (CAEP). The B.S.Ed in Composite Science Education also is approved by the North Dakota Educational Standards and Licensing Board.

Leaders that Do

Through hands-on experience, the UND Science Education program prepares students to be teachers.

Application Deadlines

Fall: Aug. 17
Spring: Dec. 15
Summer: May 1

Science Education Program
On graduation, you'll work with faculty to obtain the appropriate teaching license and/or endorsement.

The Teacher Education VITAL Program connects you with local volunteer opportunities at area schools, adding to your teaching experience, building your resume, and creating professional networks.

Join the largest pre-professional association for students entering teaching. Student North Dakota United (SNDU) is affiliated with the National Education Association, the largest professional teacher organization in the U.S.

You'll be eligible for scholarships through the College of Education & Human Development. As a future science teacher you may also qualify for state and federal funding such as the NDUS Teacher Shortage Loan Forgiveness Program and the TEACH Grant to help offset the cost of your degree.

Gain a global perspective on education by studying abroad. Students recently have completed student teaching in Australia and Ireland.

Science Teacher Job Outlook

43 Public schools in 43 states, including North Dakota, reported teacher shortages in math for the 2017-18 school year.*

40 Number of states plus the District of Columbia have reported teacher shortages in science.**

*U.S. Department of Education
**Learning Policy Institute

Graduates of UND’s science education program are in high demand due to an acute shortage of science teachers in grades 7-12. Job prospects look favorable for graduates who receive their teaching license for grades 5-12 in North Dakota.

Career opportunities are abundant in the region and in most places of the United States. Since 2003 North Dakota has listed secondary science on the nationwide teacher shortage area list. Science was declared a critical shortage area by the North Dakota Department of Public Instruction Education Standards and Practices Board.

Rural school districts as well as large cities, sorely need quality science teachers. You are likely to have many choices selecting an employer that fits your geographic preference.

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