## Bachelor of Science in Education with Major in Science

Required 132 credits ( 36 of which must be numbered 300 or above and 30 which must be from UND) including:
I. Essential Studies Graduation Requirements (see University ES listing).
II. EHD General Graduation Requirements (see EHD listing).
III. The following Science Curriculum:
A. Minimum of 24 semester hours in ONE of the four science areas (biology, chemistry, physics or earth science) through completion of a minor (24)
B. Minimum of 12 semester hours in your choice of each of two other areas as follows, plus a minimum of four semester hours in the fourth area (28)

| Code | Title | Credits |
| :--- | :--- | :--- |
| Physics | College Physics I |  |
| PHYS 211 | College Physics II | 4 |
| PHYS 212 | College Physics III |  |
| PHYS 213 |  |  |
| OR | University Physics I (Students taking the University <br> PHYS 251 | 4 |
| Physics I must take Calculus I) |  |  |


Code Title Credits

T\&L 350 Development and Education of the Adolescent 3
T\&L 432 Learning Environments 3
T\&L 433 Multicultural Education 3
T\&L $400 \quad$ Methods and Materials (Science) 3
T\&L 401 School Safety Science (T\&L 400 co-req) 1
T\&L 486 Field Experience (T\&L 400 co-req) 2
Total Credits
VI. Student Teaching \& Related Courses:

Prior to being eligible to student teach, students must complete the following prerequisites:

- Minimum cumulative GPA of 2.75 in content major
- Grade of C or better and 3.0 GPA in all T\&L courses
- Submit full background check
- PRAXIS II completed
- Satisfactory completion of a field experience

| Code | Title | Credits |
| :--- | :--- | ---: |
| T\&L 487 | Student Teaching | 13 |
| T\&L 489 | Senior Capstone: Responsive Teaching | 3 |
| Total Credits | 16 |  |
| For state licensure, students must take the following exams: |  |  |
|  |  |  |
| Minimum scores on a test of basic skills in reading, writing, and math is |  |  |
| required for teacher licensure in North Dakota. There are two options |  |  |

accepted: 1) PRAXIS Core Academic Skills Exam; or 2) ACT score to meet the test of basic skills requirement: Composite score of 22, Mathematics score of 21, and English Language Arts score of 21.

- PRAXIS II General Science: Content Knowledge
- Principles of Learning and Teaching (PLT): Grades 7-12

