

Teacher Education in Mathematics Specialization

Advisors:

Dr. Christine Larson

Harding Hall 106E

Christine.Larson@sdstate.edu

Dr. Sharon Vestal

Harding Hall 112

Sharon.Vestal@sdstate.edu



SOUTH DAKOTA STATE UNIVERSITY

Department of Mathematics and Statistics

South Dakota State University Council of Teachers of Mathematics

One of 20 student affiliate chapters in the U.S.

Upcoming meetings—Mondays at 6 pm in Crothers 351 on
September 28th, October 26th, November 9th,
November 23rd

Help with high school math contest—morning of October 31st
Regional NCTM conference in Minneapolis, November 5th & 6th.

Attend SDSTA/SDCTM in Huron , February 5th & 6th

Write exams for the annual Deubrook/De Smet math contest in the
spring semester.

Contact the SDSU CTM President, Heidi Quail,
hiquail@jacks.sdstate.edu .



SOUTH DAKOTA STATE UNIVERSITY

Department of Mathematics and Statistics

Our Program at SDSU

“Earn a bachelor’s degree in Mathematics

“Become certified to teach grades 7 – 12

“Only state institution where your degree is in Mathematics and you are certified to teach

“Four mathematics courses designed specifically for teaching: Geometry for Teachers, Mathematics Methods, Mathematics Education Capstone, Technology for Math Educators



SOUTH DAKOTA STATE UNIVERSITY

Department of Mathematics and Statistics

Education Coursework

PS I—Foundations of American Education & Educational Psychology

Floater—Human Relations, Math Methods, Technology for Math Educators, and Middle School Methods

PS II—should be taken 1 or 2 semesters before you plan to student teach

PS III—Student Teaching semester—no other coursework



SOUTH DAKOTA STATE UNIVERSITY

Department of Mathematics and Statistics

Good things to do to help you get ready to be a successful teacher

Tutor—Math Help Center, volunteer at Boys & Girls Club, get on the departmental tutor list (see Linda in Harding 100)

Get involved—SDSU CTM, Math Club, or some other student organization

Learn to think about studying math differently—don't just learn it for the test and forget. Learn for understanding as you will need to pass the Math Praxis (for teaching certificate), departmental exit exam (to graduate), and your students will look toward you as the **expert**.



SOUTH DAKOTA STATE UNIVERSITY

Department of Mathematics and Statistics

Truth about a teacher's salary

“Starting salary in SD on average is \$26,111.

“Average salary in SD is \$34,709.

“In Minnesota, average starting salary is \$31,532 and overall average salary is \$48,489.

“While SD ranks 50th in teacher salaries, the Teacher Portal gives SD a comfort score of 41. This score is relative to cost of living, etc.

“To check out information about other states, go to <http://teacherportal.com/teacher-salaries-by-state>



SOUTH DAKOTA STATE UNIVERSITY

Department of Mathematics and Statistics

Scholarship opportunities for those who plan to teach

Dakota Corps Scholarship Program

<http://www.state.sd.us/dakotacorps/default.html>

S-STEM Scholarship Program

See Dr. Ross Abraham

REMAST Scholarship Program

<http://teach.sdstate.edu/users/vestals/REMAST.htm>

Federal SMART Grants

Must be Federal Pell Grant recipients. The federal funding is expected to end in the 2011-12 academic year.

Federal Loan Forgiveness for Teachers

May be able to get a Perkins Loan or Stafford Loan forgiven if you teach in a low-income district or for certain subject areas. For more information, go to

<http://studentaid.ed.gov/PORTALSWebApp/students/english/teachercancel.jsp>

Federal TEACH Grant

Students committed to teaching in low-income school districts.

<http://www3.sdstate.edu/Admissions/FinancialAid/FederalAid/FederalGrants/TeachGrant/>



SOUTH DAKOTA STATE UNIVERSITY

Department of Mathematics and Statistics

Top Ten Reasons to be a Math Teacher

1. Showing others that math really is FUN!
2. Playing with toys in the classroom to help students learn.
3. Celebrating Pi Day every March.
4. Sharing your love of math with others.
5. The feeling of pride when one of your students finally “gets it.”
6. Having an impact on the lives of young people.
7. Using technology in your classroom to enhance your teaching.
8. Working with young people helps you stay young.
9. The three months you have off are usually the best three months of weather in South Dakota.
10. Working approximately 9 months of the year.



SOUTH DAKOTA STATE UNIVERSITY

Department of Mathematics and Statistics