

Academic Fact Sheet

Wayne State College

MAJOR OF MATHEMATICS (50 Hours) PURE MATHEMATICS CONCENTRATION

The Mathematics major is administered by the Physical Sciences and Math Department.

Facts about the Program

Degrees Offered:

B.S.
B.A.

Faculty:

Jeffrey Bauer, Ed.D.
Tim Hardy, Ph.D.
Jennifer Langdon, Ph.D.
Tami Worner, Ph.D.

Career Opportunities

Business and Industry
Graduate School

Scholarships and Financial Aid

Wayne State College is committed to providing a quality, affordable education for its students. There are several types of financial assistance available for Wayne State students, including grants, loans, work-study and scholarships. The aid packages are composed of money from Pell grants, SEOG grants, SSIG grants, Perkins loans, Stafford student loans, PLUS loans and a variety of scholarships. Contact the Financial Aid Office at (402) 375-7230 for further information.

Scholarships for returning students in the department include:

Frank Prather Scholarship
A.V. Teed Scholarships
Webber Scholarship
Bobier Scholarship

Program Description

The courses in mathematics are designed for those students who (1) plan to teach mathematics, (2) plan to pursue advanced work in the field of mathematics, (3) plan to apply mathematics in some technical field or (4) wish to derive pleasure and profit from the study of mathematics. Emphasis is placed upon the structural aspects of mathematics with manipulation and theory as the two basic components for student achievement. An attempt is made to acquaint the student with the current literature and trends in mathematics.

In addition to the courses listed on the back of this sheet, the student must meet all other requirements for graduation.

For more information contact:

Physical Sciences and Math Department
Wayne State College
Wayne, NE 68787
(402) 375-7329 or 1-800-228-9972
pscm@wsc.edu
www.wsc.edu

MAJOR OF MATHEMATICS (49 Hours)
PURE MATHEMATICS CONCENTRATION

Fall		Spring	
MAT 140 Calculus	5	MAT 240 Calculus II	5
		MAT 270 Foundations of Math	3
		MAT 281 Assessment I	0
		MAT 282 Assessment II	0

Fall		Spring	
MAT 320 College Geometry (rec elective)	3	MAT 250 Differential Equations	3
MAT 340 Calculus III	5	MAT 335 Math Modeling (rec elective)	3

Fall		Spring	
MAT 305 Discrete Math	3	MAT 350 Linear Algebra	3
MAT 400 Real Analysis	4	MAT 410 Probability and Statistics	4
		MAT 472 Connections Research	1

Fall		Spring	
MAT 360 Abstract Algebra	4	MAT 472 Connections Research	1
MAT 470 Connections	2		
MAT 481 Assessment III	0		

This is a sample schedule illustrating completion of the program. Students' actual schedules will vary based upon their readiness for Calculus and when they begin the program.

In addition to the above, students will have to complete the general education curriculum.