

## MATHEMATICS

All Mathematics courses at Carthage help students to acquire methods of logical reasoning and deduction, and to develop problem-solving skills for a wide variety of applications. Students choose the courses that best fit their future goals, whether they plan to attend graduate school; teach math in elementary or high school; or enter a career using problem-solving and analytical skills.



### SKILLS

- Mathematical reasoning
- Problem solving
- Ability to analyze & interpret data
- Conducting research
- Training
- Instructing
- Preparing reports
- Organizational skills
- Numerical computation
- Calculating
- Writing
- Computer literacy
- Logical thinking
- Advanced quantitative skills



### CAREER PATHS

Please note that this list includes careers requiring differing degrees of education and training.

- Engineer
- Professor, Mathematics
- Actuary
- Structural Analyst
- Computer Programmer
- Accountant
- Mathematician
- Financial Analyst
- Software Engineer
- Statistician
- Aerospace Mathematician
- Math Teacher
- Economist
- Market Research Analyst
- Underwriter
- Cost Estimator/ Analyst

MAJORS TO  
**CAREERS**



**96%**

of alumni have a job within six months or are attending grad school

**50+**  
INDUSTRIES

Carthage alums pursue opportunities in over 50 different industries

## \$ STARTING SALARY RANGES

### Actuaries

PERCENTILE	10%	25%	50% (MEDIAN)	75%	90%
Wisconsin Annual Wage	\$54,970	\$71,430	\$96,990	\$128,180	\$166,800
Illinois Annual Wage	\$58,000	\$68,750	\$81,300	\$118,620	\$151,270



## COMPANIES EMPLOYING CARTHAGE GRADUATES

- Accenture- Analyst
- All Saints Health Care- Computer Network Technician
- Primecast Inc.- Compensation Analyst
- Kenosha Unified School School District- Math Teacher
- Walgreens- Market Research
- Data Dimensions- Program Analyst
- Trustmark Insurance- Actuarial Analyst
- Initiative Concepts- Program Analyst
- AON- Data Management Specialist
- Heathrow Scientific- Project Coordinator



## MAJOR JOB SEARCH ENGINES

- Carthage Career Connection
- American Mathematical Society
- Association for Women in Math
- Mathematical Association of America
- Society for Industrial and Applied Mathematics
- Jobs for Mathematicians
- Math Classifieds
- Math Jobs

## CONTACT US

Career Services | 262-551-5959 | [careerservices@carthage.edu](mailto:careerservices@carthage.edu) | [www.carthage.edu/career-services](http://www.carthage.edu/career-services)