

# Why Should YOU Major in Mathematics or Statistics at Purdue?

## TO GET A GOOD JOB!!!

### Job Titles for Careers in the Mathematical Sciences

Many people ask what a math major can do besides teach, and many counselors, teachers, and parents say to young people, “You like math, you should be an engineer!” But Mathematics and Statistics majors are well prepared for a large variety of occupations and further training. There is, however, a “door problem”: there are not many doors with the label “Mathematician” on them. BUT, there are mathematicians sitting behind doors with lots of other job titles on them!

**YOU can join these successful individuals!**

Let’s not forget the obvious ones:

Teacher  
Professor  
Mathematician

Statistician  
Biostatistician  
Actuary

Some less obvious ones:

Analyst  
Business analyst  
Marketing analyst  
Financial analyst  
Securities analyst  
Systems analyst  
Statistical analyst  
Operations analyst  
Data analyst  
Product analyst  
Numerical analyst  
Web traffic analyst  
Lawyer  
Doctor  
Economist  
Executive  
CEO  
President  
Vice-president  
Manager  
Cryptologist  
Epidemiologist  
Demographer  
Quality control engineer  
Underwriter  
Cost estimator

Financial  
Financial engineer  
Financial analyst  
Securities analyst  
Investment advisor  
Market specialist  
Trader  
Risk Arbitrageur  
Secretary of Defense  
(e.g. Dr. William Perry)  
Medical researcher  
Editor  
Systems engineer  
Systems consultant  
Information architect  
Information systems consultant  
Inventory control specialist  
Operations research specialist  
Scientific systems programmer  
Database programmer  
Sales representative  
Computer programmer  
Peace Corps Volunteer  
Robotics specialist  
Website design manager  
Product design manager