

Why Should YOU Major in Mathematics at Duquesne?

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

Career Information on the Worldwide Web

(URLs of the links are represented as indented from the parent page above them; Names of the pages or links are on the right of the URL; all URLs should begin with `http://`):

<code>www.dug.edu/academics/schools/liberal-arts/academic-departments-of-liberal-arts/math-and-computer-science</code>	Math & Comp Sci Department
<code>www.math.iupui.edu/~ccowen/Careers.html</code>	Carl Cowen's Math Career page
<code>www.ams.org/careers/</code>	AMS Career page
<code>www.ams.org/profession/career-info/math-work/</code>	What Do Mathematicians Do?
<code>www.maa.org</code>	Math. Assoc. of America
<code>www.maa.org/careers/</code>	MAA Career Page
<code>www.maa.org/careers/profiles.html</code>	MAA: Career Profiles
<code>www.mathclassifieds.org</code>	MAA "Math Classifieds"
<code>www.maa.org/columns/index.html</code>	Online Columns about Math
<code>www.maa.org/FoundMath/FMgallery11.html</code>	Found Math Gallery
<code>www.awm-math.org/</code>	Assoc for Women in Math.
<code>www.awm-math.org/career.html</code>	AWM Career Resources page
<code>www.soa.org/</code>	Society of Actuaries
<code>www.nctm.org</code>	Nat. Council Teachers Math.
<code>www.amstat.org/</code>	American Statistical Assoc.
<code>www.amstat.org/careers/</code>	Careers in Statistics
<code>www.siam.org/</code>	Soc. of Indust. & Appl. Math.
<code>www.siam.org/careers/</code>	SIAM Career Page
<code>www.claymath.org/</code>	Clay Math Inst. (\$1M prizes)
<code>www.ima.umn.edu/</code>	Institute for Math. & Its Appl.
<code>www.msri.org/</code>	Math Sciences Research Inst.
<code>www.ipam.ucla.edu/</code>	Institute for Pure & Appl. Math
<code>mbi.osu.edu/</code>	Mathematical Biosciences Inst.
<code>www.samsi.info</code>	Statistical & Applied Math Inst.
<code>www.coolmath.com/careers.htm</code>	CoolMath.com career page
<code>weusemath.org/</code>	We Use Math (dot) Org
<code>www.ima.umn.edu/~arnold/moebius/</code>	Beautiful Math Video!!
<code>www.coolmath-games.com/</code>	Cool Math Games
<code>brainfreezepuzzles.com/math.html</code>	Brainfreeze Puzzles