

# What to do with a major/certificate/degree in... Mathematics

## JCCC Contact Information

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## Degrees/Certificates Available at JCCC

Transfer Program

### Description of Major

The study of quantitative relationships expressed in numbers and symbols. Focus on math concepts and theories involving formulations, testing, interpretation and application. Branches include algebra, geometry, trigonometry, calculus and statistics.

### Job Titles\*

Accountant	Consumer Credit Counselor
Accounts Payable Team Leader	Credit Manager
Actuary	Educator
Air Quality Investigator	Financial Consultant/Supervisor
Appraiser	Financial Planner
Astronomer	Land Surveyor
Audit Coordinator	Market Research Analyst
Avionics Technician	Mathematician
Bank Examiner	Nuclear Scientist
Bank Officer	Physicist
Behavior Researcher	Political Scientist
Biomedical Equipment Technician	Project Estimator
Bookkeeper	Radar Technician
Brain Researcher	Statistician
Business Broker	Structural Engineer
Cartographer	Surveyor
Cell Research Chemist	Systems Analyst
Certified Public Accountant	Television Meteorologist
Chief Financial Officer	Tool Drafter and Designer
City Management Analyst	
Computer Programmer	

*\*Careers mentioned above are a sample of job titles. Some careers may require additional education or training.*

## **Personal Characteristics to be Successful**

Accurate  
Analytical  
Detail-oriented  
Ethical  
Industrious  
Intelligent  
Imaginative

Observant  
Patient  
Persistent  
Precise  
Realistic  
Self-disciplined  
Thorough

## **Workplace Skills**

Able to frame inquiry and respond  
objectively  
Concentrate for long periods of time  
Conduct and clearly explain scientific  
research

Make sound judgments and decisions  
Proficient with scientific calculator  
Proficient in writing, speaking, and  
memorization

## **Professional Organizations**

American Mathematical Society  
[www.ams.org](http://www.ams.org)

American Statistical Association  
[www.amstat.org](http://www.amstat.org)

Mathematical Association of America  
[www.maa.org](http://www.maa.org)

## **Advanced Degrees in the Major?**

Yes

Sources:

Phifer, P. (2000). College Majors and Careers. Chicago, IL: Ferguson Publishing Co.