



# *American Mathematical Society*

## *Professional Master's Degree Programs by Program Type*

### *Program Type*

<b>INSTITUTION</b>	Florida State University
<b>DEPARTMENT</b>	Department of Mathematics
<b>PROGRAM</b>	Master of Science in Teaching College Mathematics
<b>WEBSITE</b>	<a href="http://www.math.fsu.edu/Academics/Graduate/">http://www.math.fsu.edu/Academics/Graduate/</a>
<b>HEAD</b>	De Witt Sumners
<b>CONTACT</b>	Philip Bower
<b>STREET</b>	208 Love Building
<b>CITY</b>	Tallahassee
<b>STATE</b>	FL
<b>ZIP</b>	32306-4510
<b>PHONE</b>	850-644-7405
<b>FAX</b>	850-644-4053
<b>EMAIL</b>	bowers@math.fsu.e
<b>DESCRIPTION</b>	To provide a credential for the student who finds that their greatest interest and aptitude is in teaching, perhaps with previous degree(s) in other academic areas. They typically demonstrate this ability as good teachers while serving as Graduate Teaching Assistants in the department, perhaps having begun graduate work in one of the traditional majors. _

*Program Type*      *Actuarial*

**INSTITUTION** University of Connecticut  
**DEPARTMENT** Mathematics  
**PROGRAM** Actuarial Science  
**WEBSITE** <http://www.math.uconn.edu>  
**HEAD** Charles Vinsonhaler  
**CONTACT** Richard London and Charles Vinsonhaler\_  
**STREET** 196 Auditorium Rd, MSB124  
**CITY** Storrs  
**STATE** CT  
**ZIP** 06269-3009  
**PHONE** 860-486-1290  
**FAX** 860-486-4238  
**EMAIL** london@math.ucon  
**DESCRIPTION**

**INSTITUTION** Florida State University  
**DEPARTMENT** Department of Mathematics  
**PROGRAM** Financial Math Concentration in Actuarial Science  
**WEBSITE** <http://www.math.fsu.edu/~smith/Guides/finmath.html>  
**HEAD** De Witt Sumners  
**CONTACT** Bettye Anne Case  
**STREET** 208 Love Building  
**CITY** Tallahassee  
**STATE** FL  
**ZIP** 32306-4510  
**PHONE** 850-644-1586  
**FAX** 850-644-4053  
**EMAIL** [case@math.fsu.edu](mailto:case@math.fsu.edu)  
**DESCRIPTION**

**INSTITUTION** University of Michigan  
**DEPARTMENT** Mathematics  
**PROGRAM** Actuarial Science  
**WEBSITE** <http://www.math.lsa.umich.edu>  
**HEAD** B.A. Taylor  
**CONTACT**  
**STREET**  
**CITY** Ann Arbor  
**STATE** MI  
**ZIP** 48109-1109  
**PHONE** 734-764-0335  
**FAX** 734-763-0937  
**EMAIL** [mathchr@math.lsa](mailto:mathchr@math.lsa).  
**DESCRIPTION**

**INSTITUTION** University of Minnesota  
**DEPARTMENT** School of Mathematics  
**PROGRAM** M.S. Degree with Emphasis in Actuarial Science  
**WEBSITE** <http://www.math.umn.edu>  
**HEAD** Professor Naresh Jain  
**CONTACT** Director of Graduate Studies  
**STREET** 127 Vomcemt Hall. 206 church St. SE  
**CITY** Minneapolis  
**STATE** MN  
**ZIP** 55455  
**PHONE** 612-625-1306  
**FAX** 612-626-2017  
**EMAIL** [gradprog@math.umn](mailto:gradprog@math.umn.edu)  
**DESCRIPTION** This program prepares future\_ acturaries beyond the basics, by an enriched program involving\_ courses in business, finance, and many other choices in addition to\_ core actuarial training. This prepares future acturaries for\_ high-end roles in insurance and related industries.

*Program Type*      *Applied*

**INSTITUTION** The University of Alabama

**DEPARTMENT** Mathematics

**PROGRAM** Applied Math

**WEBSITE** <http://www.math.ua.edu>

**HEAD** Zhijian Wu

**CONTACT**

**STREET** Box 870350

**CITY** Tuscaloosa

**STATE** Al

**ZIP** 35487

**PHONE** 205-348-5080s

**FAX** 205-348-7067

**EMAIL** [zwu@gp.as.ua.edu](mailto:zwu@gp.as.ua.edu)

**DESCRIPTION**

**INSTITUTION** California State University, Long Beach  
**DEPARTMENT** Mathematics  
**PROGRAM** Applied Mathematics  
**WEBSITE** <http://www.csulb.edu/math/Options/MS6-6666.html>  
**HEAD** Dr. Arthur K. Wayman  
**CONTACT**  
**STREET** Dept. of Mathematics/CSULB/1250 Bellflower Blvd.  
**CITY** Long Beach  
**STATE** CA  
**ZIP** 90840-1001  
**PHONE** 562-985-8008  
**FAX** 562-985-8227  
**EMAIL** [away@csulb.edu](mailto:away@csulb.edu)  
**DESCRIPTION**

**INSTITUTION** University of Massachusetts, Amherst  
**DEPARTMENT** Mathematics and Statistics  
**PROGRAM** Masters Degree in Applied Mathematics  
**WEBSITE** [http://www.math.umass.edu/Progs\\_Events/Grad\\_Program/new\\_](http://www.math.umass.edu/Progs_Events/Grad_Program/new_)  
**HEAD** Donald F. St. Mary  
**CONTACT** Bruce E. Turkington  
**STREET** Department of Mathematics & Statistics  
**CITY** Amherst  
**STATE** MA  
**ZIP** 01003-4515  
**PHONE** 43-545-4771  
**FAX** 413-545-1801  
**EMAIL** [turk@math.umass.e](mailto:turk@math.umass.e)  
**DESCRIPTION** This program is specifically designed to prepare students in the mathematical sciences for careers in contemporary industry or business.

**INSTITUTION** University of Michigan  
**DEPARTMENT** Mathematics  
**PROGRAM** Applied and Interdisciplinary Mathematics  
**WEBSITE** <http://www.math.lsa.umich.edu/aim-grad/>  
**HEAD** B.A. Taylor  
**CONTACT** Charlie Doering  
**STREET**  
**CITY** Ann Arbor  
**STATE** MI  
**ZIP** 48109-1109  
**PHONE** 734-764-0335  
**FAX** 734-763-0937  
**EMAIL** aimgrad@math.lsa.  
**DESCRIPTION** The Applied and Interdisciplinary Mathematics (AIM) program trains\_students in the methods of modern applied mathematics with an\_emphasis on real applications from the natural, social and engineering sciences\_and technology. Students in the AIM MS program specialize in one\_"partner" discipline outside of mathematics to obtain working skills in the\_area of application. Graduates of the AIM MS program will be prepared to\_work productively in industry, or pursue the PhD or other advanced degree\_in either mathematics or their partner discipline.

**INSTITUTION** Western Michigan University  
**DEPARTMENT** Mathematics and Statistics  
**PROGRAM** Master of Science in Applied Mathematics  
**WEBSITE** <http://www.wmich.edu/math-stat>  
**HEAD** Jay Wood  
**CONTACT**  
**STREET** 3318 Everett Tower  
**CITY** Kalamazoo  
**STATE** MI  
**ZIP** 49008  
**PHONE** 616-387-4551  
**FAX** 616-387-4530  
**EMAIL** [jay.wood@wmich.e](mailto:jay.wood@wmich.e)  
**DESCRIPTION**

**INSTITUTION** State University of New York at Stony  
**DEPARTMENT** Applied Mathematics and Statistics  
**PROGRAM** Master of Science in Applied Mathematics and Statistics,  
**WEBSITE** [www.ams.sunysb.edu](http://www.ams.sunysb.edu)  
**HEAD** James Glimm  
**CONTACT** Prof. W.J. Kim  
**STREET**  
**CITY** Stony Brook  
**STATE** NY  
**ZIP** 11794-3600  
**PHONE** 631-632-8360  
**FAX** 631-632-8490  
**EMAIL** [wjkim@notes.sunysb.edu](mailto:wjkim@notes.sunysb.edu)  
**DESCRIPTION** The goal of this program is to train students in analytic and computational techniques needed to solve important mathematical problems arising in science and engineering.

**INSTITUTION** University of Toledo  
**DEPARTMENT** Mathematics  
**PROGRAM** Master of Science in Applied Mathematics  
**WEBSITE** <http://www.math.utoledo.edu>  
**HEAD** H. L. Bentley  
**CONTACT** Martin R. Pettet  
**STREET** Dept of Mathematics  
**CITY** Toledo  
**STATE** OH  
**ZIP** 43606-3390  
**PHONE** 419-530-2038  
**FAX** 419-530-4720  
**EMAIL** [mpettet@math.utole](mailto:mpettet@math.utole)  
**DESCRIPTION**

**INSTITUTION** University of Pennsylvania  
**DEPARTMENT** Department of Mathematics  
**PROGRAM** Masters degree in mathematics with concentration in applied  
**WEBSITE** <http://www.math.upenn.edu/grad/Grad.html>  
**HEAD** Dennis M. DeTurck  
**CONTACT** Christopher B. Croke. Graduate Group Chairman  
**STREET** Department of Mathematics, 209 S. 33rd Street  
**CITY** Philadelphia  
**STATE** PA  
**ZIP** 19104-6395  
**PHONE** 215-898-4080  
**FAX** 215-573-4063  
**EMAIL** [graduate@math.upenn.edu](mailto:graduate@math.upenn.edu)  
**DESCRIPTION**

**INSTITUTION** Texas A&M University  
**DEPARTMENT** Mathematics  
**PROGRAM** M.S. in Applied and Computational Mathematics  
**WEBSITE** <http://www.math.tamu.edu>  
**HEAD** William Rundell  
**CONTACT**  
**STREET** Department of Mathematics, Texas A&M Univ.  
**CITY** College Station  
**STATE** TX  
**ZIP** 77845-3368  
**PHONE** 409-862-4137  
**FAX** 409-862-4190  
**EMAIL** [gstudies@math.tam](mailto:gstudies@math.tam)  
**DESCRIPTION**

**INSTITUTION** University of Washington

**DEPARTMENT** Applied Mathematics

**PROGRAM** Applied Mathematics

**WEBSITE** <http://amath.washington.edu>

**HEAD** Ka-Kit Tung

**CONTACT**

**STREET** Box 352420

**CITY** Seattle

**STATE** WA

**ZIP** 98195

**PHONE** 206-685-3794

**FAX** 206-685-1440

**EMAIL** tung@amath.washi

**DESCRIPTION**

*Program Type*      *Biology*

**INSTITUTION** Florida State University  
**DEPARTMENT** Department of Mathematics  
**PROGRAM** Computational Biology in Biological Sciences  
**WEBSITE** <http://www.math.fsu.edu/~smith/Guides/compbio.html>  
**HEAD** De Witt Sumners  
**CONTACT** Bettye Anne Case  
**STREET** 208 Love Building  
**CITY** Tallahassee  
**STATE** FL  
**ZIP** 32306-4510  
**PHONE** 850-644-1586  
**FAX** 850-644-4053  
**EMAIL** case@math.fsu.edu  
**DESCRIPTION**

**INSTITUTION** Florida State University  
**DEPARTMENT** Department of Mathematics  
**PROGRAM** Masters of Science in Biomedical Mathematics (Mathematical  
**WEBSITE** <http://www.math.fsu.edu/~smith/Guides/compbio.html>  
**HEAD** De Witt Sumners  
**CONTACT** Bettye Anne Case  
**STREET** 208 Love Building  
**CITY** Tallahassee  
**STATE** FL  
**ZIP** 32306-4510  
**PHONE** 850-644-1586  
**FAX** 850-644-4053  
**EMAIL** [case@math.fsu.edu](mailto:case@math.fsu.edu)  
**DESCRIPTION**

**INSTITUTION** Florida State University  
**DEPARTMENT** Department of Mathematics  
**PROGRAM** Computational Biology in Statistics  
**WEBSITE** <http://www.math.fsu.edu/~smith/Guides/compbio.html>  
**HEAD** De Witt Sumners  
**CONTACT** Bettye Anne Case  
**STREET** 208 Love Building  
**CITY** Tallahassee  
**STATE** FL  
**ZIP** 32306-4510  
**PHONE** 850-644-1586  
**FAX** 850-644-4053  
**EMAIL** [case@math.fsu.edu](mailto:case@math.fsu.edu)  
**DESCRIPTION** This program is being planned and will share a common core of courses from the participating departments and institute:

**INSTITUTION** Georgia Institute of Technology

**DEPARTMENT** School of Mathematics

**PROGRAM** Master's Degree in Bioinformatics

**WEBSITE**

**HEAD** Richard A. Duke

**CONTACT**

**STREET** 686 Cherry Street

**CITY** Atlanta

**STATE** GA

**ZIP** 30332-0160

**PHONE** 404-894-9202

**FAX** 404-894-1832

**EMAIL** duke@math.gatech.

**DESCRIPTION**

**INSTITUTION** Western Michigan University  
**DEPARTMENT** Mathematics and Statistics  
**PROGRAM** Master of Science in Computational Mathematics  
**WEBSITE** <http://www.wmich.edu/math-stat>  
**HEAD** Jay Wood  
**CONTACT**  
**STREET** 3318 Everett Tower  
**CITY** Kalamazoo  
**STATE** MI  
**ZIP** 49008  
**PHONE** 616-387-4551  
**FAX** 616-387-4530  
**EMAIL** [jay.wood@wmich.e](mailto:jay.wood@wmich.e)  
**DESCRIPTION**

**INSTITUTION** Western Michigan University

**DEPARTMENT** Mathematics and Statistics

**PROGRAM** Master of Science in Biostatistics

**WEBSITE** <http://www.wmich.edu/math-stat>

**HEAD** Jay Wood

**CONTACT**

**STREET** 3318 Everett Tower

**CITY** Kalamazoo

**STATE** MI

**ZIP** 49008

**PHONE** 616-387-4551

**FAX** 616-387-4530

**EMAIL** [jay.wood@wmich.e](mailto:jay.wood@wmich.e)

**DESCRIPTION**

*Program Type*      *Combinatorics*

**INSTITUTION** Northeastern University  
**DEPARTMENT** Mathematics  
**PROGRAM** Master's Degree with specialties  
**WEBSITE** <http://www.math.neu.edu>  
**HEAD** Robert McOwen  
**CONTACT**  
**STREET**  
**CITY** Boston  
**STATE** MA  
**ZIP** 2115  
**PHONE** 617-373-5635  
**FAX** 617-373-5635  
**EMAIL** [mcowen@neu.edu](mailto:mcowen@neu.edu)  
**DESCRIPTION** specialties in: Computing\_Differential Equations\_Probability  
and Statistics\_Pure Math

*Program Type*      *Computing*

**INSTITUTION** Arizona State University

**DEPARTMENT** Mathematics

**PROGRAM** Master of Natural Science -- Scientific Computing

**WEBSITE** <http://math.la.asu.edu>

**HEAD** Rosemary Renaut

**CONTACT** Dieter Ambuster, Associate Chair

**STREET** P.O. Box 871804

**CITY** Tempe

**STATE** AZ

**ZIP** 85287-1804

**PHONE** 480-965-3953

**FAX** 480-965-8119

**EMAIL** [grad@math.la.asu.e](mailto:grad@math.la.asu.e)

**DESCRIPTION** The Masters of Natural Science is an established interdisciplinary degree offered by the Department of Mathematics. It is currently being evaluated to refocus on scientific computing and visualization (e.g. in the aerospace industry and in national labs.)

**INSTITUTION** New York University  
**DEPARTMENT** Mathematics  
**PROGRAM** MS in Scientific Computing  
**WEBSITE** <http://www.math.nyu.edu/degree/scicomp.html>  
**HEAD** Charles Newman  
**CONTACT** Caroline Thompson  
**STREET** 251 Mercer Street  
**CITY** New York  
**STATE** NY  
**ZIP** 10012  
**PHONE** 212-998-3256  
**FAX** 212-995-4121  
**EMAIL** thompson@cims.ny  
**DESCRIPTION**

**INSTITUTION** Bowling Green State University  
**DEPARTMENT** Department of Mathematics and Statistics  
**PROGRAM** Masters of Arts in Mathematics  
**WEBSITE** <http://www.bgsu.edu/departments/math/>  
**HEAD** Neal L. Carothers  
**CONTACT** Dr. Steven M. Seubert, Professor and Graduate Coordinator  
**STREET** Department of Mathematics and Statistics  
**CITY** Bowling Green  
**STATE** OH  
**ZIP** 43403  
**PHONE** 419-372-7453  
**FAX** 419-372-6092  
**EMAIL** Sseuber@bgnet.bg  
**DESCRIPTION** The Masters of Arts degree program serves a variety of goals and has considerable flexibility in its design. Through proper selection of course work, students can prepare for direct entry into careers in business, industry, government, and education, or for study toward a Ph.D. in mathematics, statistics, computer science, or operations research. Areas of specialization in the M.A. program are pure mathematics, mathematical statistics, and scientific computation.

**INSTITUTION** University of Pennsylvania  
**DEPARTMENT** Department of Mathematics  
**PROGRAM** Masters degree in mathematics with concentration in  
**WEBSITE** <http://www.math.upenn.edu/grad/Grad.html>  
**HEAD** Dennis M. DeTurck  
**CONTACT** Christopher B. Croke. Graduate Group Chairman  
**STREET** Department of Mathematics, 209 S. 33rd Street  
**CITY** Philadelphia  
**STATE** PA  
**ZIP** 19104-6395  
**PHONE** 215-898-4080  
**FAX** 215-573-4063  
**EMAIL** [graduate@math.upenn.edu](mailto:graduate@math.upenn.edu)  
**DESCRIPTION**

**INSTITUTION** Marquette University  
**DEPARTMENT** Mathematics, Statistics and Computer Science  
**PROGRAM** Masters in Computing  
**WEBSITE** <http://www.mscs.mu.edu>  
**HEAD** Dr. Douglas Harris  
**CONTACT** Dr. George Corliss  
**STREET** P.O. Box 1881  
**CITY** Milwaukee  
**STATE** WI  
**ZIP** 53201-1881  
**PHONE** 414-284-6599  
**FAX** 414-288-5472  
**EMAIL** [georgec@mscs.mu](mailto:georgec@mscs.mu)  
**DESCRIPTION** This program is intended as a terminal master's degree course in computing.

**INSTITUTION** Marquette University  
**DEPARTMENT** Mathematics, Statistics and Computer Science  
**PROGRAM** Mathematics  
**WEBSITE** <http://www.msccs.mu.edu>  
**HEAD** Dr. Douglas Harris  
**CONTACT** Dr. George Corliss  
**STREET** P.O. Box 1881  
**CITY** Milwaukee  
**STATE** WI  
**ZIP** 53201-1881  
**PHONE** 414-284-6599  
**FAX** 414-288-5472  
**EMAIL** [georgec@msccs.mu](mailto:georgec@msccs.mu)  
**DESCRIPTION**

*Program Type*      *Environmental*

**INSTITUTION** Humboldt State University  
**DEPARTMENT** Mathematics  
**PROGRAM** M.S. in Mathematical Modeling of Environmental Systems  
**WEBSITE** <http://www.humboldt.edu/~mathdept/HSUMathGrad/grad.html>  
**HEAD** Phyllis Chinn  
**CONTACT** Roland Lamberson  
**STREET** Math Dept, Humboldt State University  
**CITY** Arcata  
**STATE** CA  
**ZIP** 95521  
**PHONE** 707-826-3143  
**FAX** 707-826-3140  
**EMAIL** rh11@humboldt.edu  
**DESCRIPTION**

*Program Type*      *Finance*

**INSTITUTION** Florida State University  
**DEPARTMENT** Department of Mathematics  
**PROGRAM** Financial Mathematics  
**WEBSITE** <http://www.math.fsu.edu/~smith/Guides/finmath.html>  
**HEAD** De Witt Sumners  
**CONTACT** Bettye Anne Case  
**STREET** 208 Love Building  
**CITY** Tallahassee  
**STATE** FL  
**ZIP** 32306-4510  
**PHONE** 850-644-1586  
**FAX** 850-644-4053  
**EMAIL** case@math.fsu.edu  
**DESCRIPTION**

**INSTITUTION** Georgia Institute of Technology

**DEPARTMENT** School of Mathematics

**PROGRAM** Master of Science in Quantitative and Computational Finance

**WEBSITE** <http://www.qcf.gatech.edu>

**HEAD** Richard A. Duke

**CONTACT** Robert Kertz

**STREET** 686 Cherry Street

**CITY** Atlanta

**STATE** GA

**ZIP** 30332-0160

**PHONE** 404-894-4311

**FAX** 404-894-1832

**EMAIL** [kertz@math.gatech](mailto:kertz@math.gatech).

**DESCRIPTION** The main objective of the proposed Master of Science degree program in Quantitative and Computational Finance at Georgia Tech is to provide students with the practical skills and theoretical understanding they need \_to be leaders in the formulation, implementation and evaluation of the models used by the financial sector to structure transactions, manage risk and construct investment strategies.

**INSTITUTION** University of Chicago  
**DEPARTMENT** Mathematics  
**PROGRAM** Financial Mathematics  
**WEBSITE** <http://www-finmath.uchicago.math/index.html>  
**HEAD** Robert Fefferman  
**CONTACT** Neils Nygaard, Director/Alice Brugman Admin Asst.  
**STREET** 5734 s. University Avenue  
**CITY** Chicago  
**STATE** IL  
**ZIP** 60637  
**PHONE** 773-834-4385  
**FAX** 773-834-4386  
**EMAIL** [alice@math.uchicag](mailto:alice@math.uchicag)  
**DESCRIPTION**

**INSTITUTION** University of Illinois at Chicago  
**DEPARTMENT** Mathematics, Statistics, and Computer Science  
**PROGRAM** MS in Mathematical and Information Sciences for Industry (MISI),  
**WEBSITE** <http://www.math.uic.edu/misi/>  
**HEAD** Henri Gillet  
**CONTACT** Floyd Hanson  
**STREET** 851 S. Morgan St.  
**CITY** Chicago  
**STATE** IL  
**ZIP** 60607-7045  
**PHONE** 312-413-2142  
**FAX** 312-996-1069  
**EMAIL** hanson@uic.edu  
**DESCRIPTION** The Computational Finance Track prepares \_students in the modeling, analysis and computation for the pricing of \_financial derivatives, futures, stock options, portfolio and consumption\_optimization, risk analysis, interest rates, mortgage and other financial \_instruments.

**INSTITUTION** Purdue University

**DEPARTMENT** Statistics  
**PROGRAM** Masters in Statistics with Specialization in Computational  
**WEBSITE** <http://www.stat.purdue.edu/compfinance>  
**HEAD** M.E. Bock  
**CONTACT** Frederi G. Viens  
**STREET** Math Dept, Purdue Univ.  
**CITY** W. Lafayette  
**STATE** IN  
**ZIP** 74907-1395  
**PHONE** 765-494-1956  
**FAX** 765-494-1548  
**EMAIL** viens@stat.purdue.

**DESCRIPTION** We provide the mathematical and statistical theory and tools, the computational experience, and the financial knowledge that are the basis of today's investment finance industry, including derivative pricing, portfolio management, risk management, and their associated numerical methods. The weekly computational finance seminar provides contacts between the students and academic and industrial leaders in the financial world. For detailed information see the list of requirements at our web sites.

**INSTITUTION** Purdue University

**DEPARTMENT** Mathematics  
**PROGRAM** Masters in Mathematics with Specialization in Computational  
**WEBSITE** <http://www.math.purdue.edu/academics/graduateProgram/cfp.ht>  
**HEAD** Carl C. Cowen  
**CONTACT** Frederi Viens  
**STREET** Math Dept, Purdue Univ.  
**CITY** W. Lafayette  
**STATE** IN  
**ZIP** 74907-1395  
**PHONE** 765-494-1956  
**FAX** 765-494-1548  
**EMAIL** viens@purdue.edu

**DESCRIPTION** We provide the mathematical and statistical theory and tools, the computational experience, and the financial knowledge that are the basis of today's investment finance industry, including derivative pricing, portfolio management, risk management, and their associated numerical methods. The weekly computational finance seminar provides contacts between the students and academic and industrial leaders in the financial world. For detailed information see the list of requirements at our web site.

**INSTITUTION** Purdue University

**DEPARTMENT** School of Management

**PROGRAM** Masters in Management Science with Specialization in

**WEBSITE** <http://www.stat.purdue.edu/purduecf>

**HEAD**

**CONTACT** A.C. Sullivan

**STREET** Math Dept, Purdue Univ.

**CITY** W. Lafayette

**STATE** IN

**ZIP** 74907-1395

**PHONE** 765-494-1956

**FAX** 765-494-1548

**EMAIL** [sullivan@mgmt.pur](mailto:sullivan@mgmt.pur)

**DESCRIPTION** We provide the mathematical theory and tools, the computational\_experience, and the financial knowledge that are the basis of today's\_investment finance industry, including derivative pricing, portfolio\_management, risk management, and their associated numerical methods. The\_weekly computational finance seminar provides contacts between the\_students and academic and industrial leaders in the financial world. For detailed information see the CF program webpage at [www.physic.purdue.edu/~cfp](http://www.physic.purdue.edu/~cfp)

**INSTITUTION** Boston University

**DEPARTMENT** Mathematics and Statistics

**PROGRAM** Master of Arts in Mathematical Finance

**WEBSITE** <http://www.bu.edu/mathfn>

**HEAD** Steven Rosenberg

**CONTACT**

**STREET** 111 Cummington St.

**CITY** Boston

**STATE** MA

**ZIP** 2215

**PHONE** 617-353-2560

**FAX** 617-353-8100

**EMAIL** [mathfn@bu.edu](mailto:mathfn@bu.edu)

**DESCRIPTION** The M.A. program focuses on the crux of mathematical concepts that led to the development of the Black and Scholes option pricing method and have grown into powerful computational techniques for hedging risk, portfolio optimization, modeling of interest rates, bond-pricing, investment/acquisition valuation and investment timing. Courses in Operations Research, Scientific Computing, Neural Networks, Software Development and Databases are included, as well. These additional courses equip program graduates with broad and universal tools that transcend the realm of option pricing.

**INSTITUTION** University of Michigan  
**DEPARTMENT** Mathematics  
**PROGRAM** Financial Engineering  
**WEBSITE** <http://www.umich.edu/fep/>  
**HEAD** B.A. Taylor  
**CONTACT**  
**STREET** Dept. of Mathematics, Univ. of Michigan  
**CITY** Ann Arbor  
**STATE** MI  
**ZIP** 48109-1109  
**PHONE** 734-764-0335  
**FAX** 734-763-0937  
**EMAIL** mathchr@math.lsa.  
**DESCRIPTION**

**INSTITUTION** Columbia University

**DEPARTMENT** Mathematics

**PROGRAM** M.A. in Mathematics with Specialization in the Mathematics of

**WEBSITE** [http://www.math.columbia.edu/department/masters\\_finance.sht](http://www.math.columbia.edu/department/masters_finance.sht)

**HEAD** Prof. Dorian Goldfeld

**CONTACT** Prof. Mikhail Smirnov

**STREET** 2990 Broadway, Mathematics Building

**CITY** New York

**STATE** NY

**ZIP** 10027

**PHONE** 854-3950

**FAX** -8962

**EMAIL**

**DESCRIPTION** The program has been very attractive to bright students with degrees in the Mathematical, Physical, and Engineering Sciences, who wish to pursue a career in the finance industry and are prepared to develop strong analytical skills.

**INSTITUTION** New York University  
**DEPARTMENT** Mathematics  
**PROGRAM** MS in Mathematics in Finance  
**WEBSITE** [http://www.math.nyu.edu/financial\\_vi\\_571a.html](http://www.math.nyu.edu/financial_vi_571a.html)mathematics/  
**HEAD** Charles Newman  
**CONTACT** Caroline Thompson  
**STREET** 251 Mercer Street  
**CITY** New York  
**STATE** NY  
**ZIP** 10012  
**PHONE** 212-998-3256  
**FAX** 212-995-4121  
**EMAIL** thompson@cims.ny  
**DESCRIPTION**

**INSTITUTION** Carnegie Mellon University

**DEPARTMENT** Mathematical Sciences

**PROGRAM** Master of Science in Computational Finance

**WEBSITE** <http://student.gsia.cmu.edu/mscf>

**HEAD** James Greenberg

**CONTACT** Steven Shreve

**STREET** Department of Mathematical Sciences

**CITY** Pittsburgh

**STATE** PA

**ZIP** 15213-3890

**PHONE** 412-268-8484

**FAX** 412-268-6380

**EMAIL** [shreve@cmu.edu](mailto:shreve@cmu.edu)

**DESCRIPTION** The Master of Science in Computational Finance is a highly focused degree providing an in-depth understanding of the mathematics employed to model security prices, the statistical tools needed to summarize and predict the behavior of financial data, the computer science and e-commerce skills needed to understand the technology employed in the financial industry, and the corporate finance needed to ultimately employ all these skills in finding innovative solutions to business needs.

*Program Type*      *General Math*

**INSTITUTION** The University of Alabama

**DEPARTMENT** Mathematics

**PROGRAM** Pure Math

**WEBSITE** <http://www.math.ua.edu>

**HEAD** Zhijian Wu

**CONTACT**

**STREET** Box 870350

**CITY** Tuscaloosa

**STATE** Al

**ZIP** 35487

**PHONE** 205-348-5080s

**FAX** 205-348-7067

**EMAIL** [zwu@gp.as.ua.edu](mailto:zwu@gp.as.ua.edu)

**DESCRIPTION**

**INSTITUTION** California State University, Long Beach  
**DEPARTMENT** Mathematics  
**PROGRAM** General Mathematics  
**WEBSITE** <http://www.csulb.edu/math/Options/MS6-6666.html>  
**HEAD** Dr. Arthur K. Wayman  
**CONTACT**  
**STREET** Dept. of Mathematics/CSULB/1250 Bellflower Blvd.  
**CITY** Long Beach  
**STATE** CA  
**ZIP** 90840-1001  
**PHONE** 562-985-8008  
**FAX** 562-985-8227  
**EMAIL** away@csulb.edu  
**DESCRIPTION**

**INSTITUTION** University of Idaho  
**DEPARTMENT** Mathematics  
**PROGRAM** Master of Science  
**WEBSITE** <http://www.uidaho.edu/LS/Math/Research/research.html>  
**HEAD** James Calvert  
**CONTACT** Jana Joyce  
**STREET** Brink hall 300, MC 1103  
**CITY** Moscow  
**STATE** ID  
**ZIP** 83844-1103  
**PHONE** 208-885-6743  
**FAX** 208-885-5843  
**EMAIL** math@uidaho.edu  
**DESCRIPTION**

**INSTITUTION** University of Pennsylvania  
**DEPARTMENT** Department of Mathematics  
**PROGRAM** Masters degree in mathematics  
**WEBSITE** <http://www.math.upenn.edu/grad/Grad.html>  
**HEAD** Dennis M. DeTurck  
**CONTACT** Christopher B. Croke. Graduate Group Chairman  
**STREET** Department of Mathematics, 209 S. 33rd Street  
**CITY** Philadelphia  
**STATE** PA  
**ZIP** 19104-6395  
**PHONE** 215-898-4080  
**FAX** 215-573-4063  
**EMAIL** [graduate@math.upenn.edu](mailto:graduate@math.upenn.edu)  
**DESCRIPTION**

*Program Type*      *Industrial*

**INSTITUTION** University of Arizona  
**DEPARTMENT** Mathematics  
**PROGRAM** Professional Master's in Mathematical Science  
**WEBSITE** <http://w3.arizona.edu/~pmms>  
**HEAD** Larry Grove  
**CONTACT**  
**STREET** 617 Santa Rita  
**CITY** Tucson  
**STATE** AZ  
**ZIP** 85721  
**PHONE** 520-621-6885  
**FAX** 520-621-8322  
**EMAIL** grove@math.arizon  
**DESCRIPTION**

**INSTITUTION** University of Illinois at Chicago

**DEPARTMENT** Mathematics, Statistics, and Computer Science

**PROGRAM** MS in Mathematical and Information Sciences for Industry (MISI)

**WEBSITE** <http://www.math.uic.edu/misi/>

**HEAD** Henri Gillet

**CONTACT** Kari Dueball

**STREET** 851 S. Morgan St.

**CITY** Chicago

**STATE** IL

**ZIP** 60607-7045

**PHONE** 312-996-5119

**FAX** 312-996-1069

**EMAIL** [kdueball@uic.edu](mailto:kdueball@uic.edu)

**DESCRIPTION** A Masters Degree program in Mathematical and Information Sciences for Industry (MISI) is offered by the Department of Mathematics, Statistics, and Computer Science at the University of Illinois at Chicago (UIC). The MISI program offers an integrated, interdisciplinary curriculum combining both discrete and applied mathematics with computer science, project management, and communication skills. The MISI program will balance a core curriculum with group projects focused on industrial problems with practical deliverables. The program places special emphasis on applications in science, engineering, health care, and business and is designed to be a 1 and 1/2-year program for full time students.

**INSTITUTION** Indiana University Purdue University  
**DEPARTMENT** Mathematical Sciences  
**PROGRAM** Masters in Industrial and Applied Mathematics  
**WEBSITE**  
**HEAD** Eric Sawyer  
**CONTACT** Asok K. Sen  
**STREET** 402 N. Blackford Street  
**CITY** Indianapolis  
**STATE** IN  
**ZIP** 46202  
**PHONE** 317-274-6922  
**FAX** 317-274-3460  
**EMAIL** [asen@math.iupui.e](mailto:asen@math.iupui.e)  
**DESCRIPTION**

**INSTITUTION** Michigan State University  
**DEPARTMENT** Mathematics  
**PROGRAM** Professional Master's Program in Industrial Mathematics  
**WEBSITE** <http://www.math.msu.edu/msim/>  
**HEAD** Peter A. Lappan  
**CONTACT** Charles R. MacCluer  
**STREET** Dept. of Math., Michigan State Univ.  
**CITY** East Lansing  
**STATE** MI  
**ZIP** 4.88241e+008  
**PHONE** 517-355-9681  
**FAX** 517-432-1562  
**EMAIL** [maccluer@math.m](mailto:maccluer@math.m)  
**DESCRIPTION** The program gives experience with real industrial problems, provided by industry.

**INSTITUTION** Wayne State University  
**DEPARTMENT** Mathematics  
**PROGRAM** Applied Mathematics (including Statistics in applied nature)  
**WEBSITE**  
**HEAD** Prof. William Cohn  
**CONTACT** Prof. C.S.Houh, Master program director  
**STREET** Department of Mathematics, Wayne State University  
**CITY** Detroit  
**STATE** MI  
**ZIP** 48202  
**PHONE** 313-577-3172  
**FAX** 313-577-7596  
**EMAIL** houh@math.wayne.  
**DESCRIPTION**

**INSTITUTION** University of Minnesota  
**DEPARTMENT** School of Mathematics  
**PROGRAM** M.S. Degree with Emphasis in Applied and Industrial  
**WEBSITE** <http://www.math.umn.edu>  
**HEAD** Professor Naresh Jain  
**CONTACT** Director of Graduate Studies  
**STREET** 127 Vomcemt Hall. 206 church St. SE  
**CITY** Minneapolis  
**STATE** MN  
**ZIP** 55455  
**PHONE** 612-625-1306  
**FAX** 612-626-2017  
**EMAIL** [gradprog@math.umn](mailto:gradprog@math.umn.edu)  
**DESCRIPTION** This program aims to introduce\_students to the mathematics appropriate for a broad range of uses in\_industry. Problems of modeling also play a significant role in\_coursework as well as projects. Each student will spend one term\_(usually summer) working in an industrial laboratory.

**INSTITUTION** University of Minnesota, Duluth  
**DEPARTMENT** Mathematics and Statistics  
**PROGRAM** Applied and Computational Mathematics  
**WEBSITE** <http://www.d.umn/teaching>  
**HEAD** Dr. Harlan W. Stech  
**CONTACT**  
**STREET** 10 University Drive - 140 Campus Center  
**CITY** Duluth  
**STATE** MN  
**ZIP** 55812-2496  
**PHONE** 218-726-8272  
**FAX** 218-726-8399  
**EMAIL** [hstech@d.umn.edu](mailto:hstech@d.umn.edu)  
**DESCRIPTION**

**INSTITUTION** New Mexico Tech  
**DEPARTMENT** Mathematics  
**PROGRAM** Masters of Science in Mathematics with an Emphasis in  
**WEBSITE** <http://www.nmt.edu/~math/>  
**HEAD** Brian Borchers  
**CONTACT** William D. Stone  
**STREET** New Mexico Tech 801 Leroy Place  
**CITY** Socoro  
**STATE** NM  
**ZIP** 87801-4796  
**PHONE** 505-835-5786  
**FAX** 505-835-5366  
**EMAIL** borchers@nmt.edu  
**DESCRIPTION** The goal of the program is to develop modeling and problem  
\_solving skills, communication skills, the ability to work  
with\_others and in interest in and knowledge of applications  
of \_mathematics. \_

**INSTITUTION** The University of Tulsa  
**DEPARTMENT** Mathematical and computer Sciences  
**PROGRAM** Applied Mathematics  
**WEBSITE** <http://euler.mcs.utulsa.edu/bulletin/mcs.home.html>  
**HEAD** William A. Coberly  
**CONTACT** Richard A. Redner  
**STREET** 600 s. College Ave.  
**CITY** Tulsa  
**STATE** OK  
**ZIP** 74104-3189  
**PHONE** 918-631-2228  
**FAX** 918-631-3077  
**EMAIL** [Coberly@utulsa.edu](mailto:Coberly@utulsa.edu)  
**DESCRIPTION**

**INSTITUTION** University of Wisconsin-Milwaukee

**DEPARTMENT** Mathematical Sciences

**PROGRAM** Master's in Industrial Mathematics

**WEBSITE** <http://www.uwm.edu/Dept/CIM>

**HEAD** David H. Schultz

**CONTACT**

**STREET** Dept. of Mathematical Sciences, UWM, PO Box 413

**CITY** Milwaukee

**STATE** WI

**ZIP** 53201-0413

**PHONE** 414-229-5264

**FAX** 414-229-4907

**EMAIL** [schultz@uwm.edu](mailto:schultz@uwm.edu)

**DESCRIPTION**

*Program Type*      *Industrial and Applied*

**INSTITUTION** Arizona State University

**DEPARTMENT** Mathematics

**PROGRAM** Master of Science in Statistics

**WEBSITE** <http://www.asu.edu/graduate/statistics/>

**HEAD** Rosemary Renaut

**CONTACT** Richard K. Burdick, Director of the Interdisciplinary MS

**STREET** P.O. Box 871804

**CITY** Tempe

**STATE** AZ

**ZIP** 85287-1804

**PHONE** 480-965-3953

**FAX** 480-965-8119

**EMAIL** [statistics@asu.edu](mailto:statistics@asu.edu)

**DESCRIPTION** The Master of Science in Statistics program is interdisciplinary in the sense that it draws upon resources from several academic units. The program prepares students for careers in business, education, industry, and government. Graduates understand the theory that is fundamental to proper use of statistics, are knowledgeable about the tools of applied statistics, and are familiar with computer software packages available for doing statistical computations. In addition, students interested in research in statistics can obtain the background needed to begin a

*Program Type*      *Operations Research*

**INSTITUTION** Northeastern University  
**DEPARTMENT** Mathematics  
**PROGRAM** Master's Degree with specialization in Operations Research  
**WEBSITE** <http://www.math.neu.edu>  
**HEAD** Egon Schulte  
**CONTACT**  
**STREET**  
**CITY** Boston  
**STATE** MA  
**ZIP** 2115  
**PHONE** 617-373-5635  
**FAX** 617-373-5635  
**EMAIL** Schulte@NEU.edu  
**DESCRIPTION**

**INSTITUTION** Northeastern University  
**DEPARTMENT** Mathematics  
**PROGRAM** Master of Arts in Teaching  
**WEBSITE** <http://www.math.neu.edu>  
**HEAD** Egon Schulte  
**CONTACT**  
**STREET**  
**CITY** Boston  
**STATE** MA  
**ZIP** 2115  
**PHONE** 617-373-5635  
**FAX** 617-373-5635  
**EMAIL** Schulte@NEU.edu  
**DESCRIPTION**

**INSTITUTION** Western Michigan University  
**DEPARTMENT** Mathematics and Statistics  
**PROGRAM** Master of Science in Operations Research  
**WEBSITE** <http://www.wmich.edu/ime>  
**HEAD** Jay Wood  
**CONTACT**  
**STREET** 3318 Everett Tower  
**CITY** Kalamazoo  
**STATE** MI  
**ZIP** 49008  
**PHONE** 616-387-4551  
**FAX** 616-387-4530  
**EMAIL** [jay.wood@wmich.e](mailto:jay.wood@wmich.e)  
**DESCRIPTION**

**INSTITUTION** New Mexico Tech  
**DEPARTMENT** Mathematics  
**PROGRAM** Masters of Science in Mathematics, Operations Research and  
**WEBSITE** <http://www.nmt.edu/~math/operations/operations.html>  
**HEAD** Brian Borchers  
**CONTACT** Brian Borchers  
**STREET** New Mexico Tech 801 Lery Place  
**CITY** Socoro  
**STATE** NM  
**ZIP** 87801-4796  
**PHONE** 505-835-5813  
**FAX** 505-835-5366  
**EMAIL** borchers@nmt.edu  
**DESCRIPTION**

**INSTITUTION** State University of New York at Stony  
**DEPARTMENT** Applied Mathematics and Statistics  
**PROGRAM** Master of Science in Applied Mathematics and Statistics,  
**WEBSITE** [www.ams.sunysb.edu](http://www.ams.sunysb.edu)  
**HEAD** James Glimm  
**CONTACT** Prof. W.J. Kim  
**STREET**  
**CITY** Stony Brook  
**STATE** NY  
**ZIP** 11794-3600  
**PHONE** 631-632-8360  
**FAX** 631-632-8490  
**EMAIL** [wjkim@notes.sunys](mailto:wjkim@notes.sunys)  
**DESCRIPTION** The goal of this program is to train students in analytic and computational techniques that form the working skills on a practicing operations researcher in business.

**INSTITUTION** Miami University  
**DEPARTMENT** Mathematics and Statistics  
**PROGRAM** Master of Science in Math with a Concentration in Operations  
**WEBSITE** <http://www.muohio.edu/~mstcwis/grad.html>  
**HEAD** Prof. Mark Smith  
**CONTACT** Robert L. Schaefer, Graduate Director  
**STREET** 123 Bachelor Hall - Math/Stat - Miami Univ.  
**CITY** Oxford  
**STATE** OH  
**ZIP** 45056-3414  
**PHONE** 513-529-3533  
**FAX** 513-529-1493  
**EMAIL** Schaeferl@MUOhio.  
**DESCRIPTION**

**INSTITUTION** College of William and Mary  
**DEPARTMENT** Mathematics  
**PROGRAM** Computations Operations Research  
**WEBSITE**  
**HEAD** Lawrence Leemis  
**CONTACT** Margaret Schaefer  
**STREET** 125 Jones Hall, Department of Mathematics, College of  
**CITY** Williamsburg  
**STATE** VA  
**ZIP** 23187-8795  
**PHONE** 757-221-2036  
**FAX** 757-221-2988  
**EMAIL** mkscha@math.wm.  
**DESCRIPTION**

*Program Type*      *Options*

**INSTITUTION** University of Notre Dame  
**DEPARTMENT** Mathematics  
**PROGRAM** Masters of Science in Applied Mathematics  
**WEBSITE**  
**HEAD** Alexander J. Hahn  
**CONTACT**  
**STREET** 370 Math Building  
**CITY** Notre Dame  
**STATE** IN  
**ZIP** 46556  
**PHONE** 219-631-7083  
**FAX** 219-631-6579  
**EMAIL** hahn.1@nd.edu  
**DESCRIPTION**

**INSTITUTION** Johns Hopkins University  
**DEPARTMENT** Mathematical Sciences  
**PROGRAM** Mathematical Sciences  
**WEBSITE** <http://www.mts.jhu.edu>  
**HEAD** Edward Scheinerman  
**CONTACT** Kay Lutz  
**STREET** 104 Whitehead Hall  
**CITY** Baltimore  
**STATE** MD  
**ZIP** 21218  
**PHONE** 410-516-7211  
**FAX** 410-516-7459  
**EMAIL** [lutz@jhu.edu](mailto:lutz@jhu.edu)  
**DESCRIPTION** The goal of our master's program is to give\_students advanced training in modern, applied mathematics.

**INSTITUTION** Kean University  
**DEPARTMENT** Mathematics and computer Science  
**PROGRAM** M.S. in Computing, Statistics and Mathematics  
**WEBSITE**  
**HEAD** Francine F. Abeles  
**CONTACT**  
**STREET** 1000 Morris Ave.  
**CITY** Union  
**STATE** NJ  
**ZIP** 07083-7131  
**PHONE** 908-527-2104  
**FAX**  
**EMAIL** fabeles@turbo.kean  
**DESCRIPTION**

**INSTITUTION** Texas A&M University  
**DEPARTMENT** Mathematics  
**PROGRAM** M.S. in Business and Financial Mathematics  
**WEBSITE** <http://www.math.tamu.edu>  
**HEAD** William Rundell  
**CONTACT**  
**STREET** Department of Mathematics, Texas A&M Univ.  
**CITY** College Station  
**STATE** TX  
**ZIP** 77845-3368  
**PHONE** 409-862-4137  
**FAX** 409-862-4190  
**EMAIL** [gstudies@math.tam](mailto:gstudies@math.tam)  
**DESCRIPTION**

*Program Type*      *Statistics*

**INSTITUTION** Georgia Institute of Technology

**DEPARTMENT** School of Mathematics

**PROGRAM** Master's Degree in Statistics

**WEBSITE** <http://www.math.gatech.edu/stat>

**HEAD** Richard A. Duke

**CONTACT**

**STREET** 686 Cherry Street

**CITY** Atlanta

**STATE** GA

**ZIP** 30332-0160

**PHONE** 404-894-9202

**FAX** 404-894-1832

**EMAIL** duke@math.gatech.

**DESCRIPTION**

**INSTITUTION** New York University  
**DEPARTMENT** Mathematics  
**PROGRAM** MS in Mathematics in Statistics and Operations Research  
**WEBSITE** <http://www.math.nyu.edu/degree/joint.html>  
**HEAD** Charles Newman  
**CONTACT** Caroline Thompson  
**STREET** 251 Mercer Street  
**CITY** New York  
**STATE** NY  
**ZIP** 10012  
**PHONE** 212-998-3256  
**FAX** 212-995-4121  
**EMAIL** thompson@cims.ny  
**DESCRIPTION**

**INSTITUTION** State University of New York at Stony  
**DEPARTMENT** Applied Mathematics and Statistics  
**PROGRAM** Master of Science in Applied Mathematics and Statistics,  
**WEBSITE** [www.ams.sunysb.edu](http://www.ams.sunysb.edu)  
**HEAD** James Glimm  
**CONTACT** Prof. W.J. Kim  
**STREET**  
**CITY** Stony Brook  
**STATE** NY  
**ZIP** 11794-3600  
**PHONE** 631-632-8360  
**FAX** 631-632-8490  
**EMAIL** [wjkim@notes.sunysb.edu](mailto:wjkim@notes.sunysb.edu)  
**DESCRIPTION** The goal of this program is to train students in statistical methodologies used by practicing statisticians in business, industry and government.

**INSTITUTION** Bowling Green State University  
**DEPARTMENT** Department of Mathematics and Statistics  
**PROGRAM** Master of Science in Applied Statistics  
**WEBSITE** <http://math-80.bgsu.edu/statistics.htm>  
**HEAD** Neal L. Carothers  
**CONTACT** Dr. Steven M. Seubert  
**STREET** Department of Mathematics and Statistics  
**CITY** Bowling Green  
**STATE** OH  
**ZIP** 43403  
**PHONE** 419-372-7453  
**FAX** 419-372-6092  
**EMAIL** [sseuber@math.bgs](mailto:sseuber@math.bgs)  
**DESCRIPTION** The primary objective of this masters program is to provide an\_education in statistics to the student who wishes to become a\_professional statistician in business, industry, or government. Moreover,\_this program provides excellent preparation for the student who\_subsequently wishes to pursue the Ph.D.

**INSTITUTION** University of Toledo  
**DEPARTMENT** Mathematics  
**PROGRAM** Master of Science in Statistics  
**WEBSITE** <http://www.math.utoledo.edu>  
**HEAD** H. L. Bentley  
**CONTACT** Martin R. Pettet  
**STREET** Dept of Mathematics  
**CITY** Toledo  
**STATE** OH  
**ZIP** 43606-3390  
**PHONE** 419-530-2038  
**FAX** 419-530-4720  
**EMAIL** [mpettet@math.utole](mailto:mpettet@math.utole)  
**DESCRIPTION**

**INSTITUTION** Portland State University

**DEPARTMENT** Mathematical Sciences

**PROGRAM** Concentration in Statistics

**WEBSITE** <http://www.mth.pdx.edu>

**HEAD** Eugene A. Enneking

**CONTACT**

**STREET** P.O. Box 751

**CITY** Portland

**STATE** OR

**ZIP** 97202

**PHONE** 503-725-3621

**FAX** 503-725-3661

**EMAIL** [gene@mth.pdx.edu](mailto:gene@mth.pdx.edu)

**DESCRIPTION**

*Program Type*      *Teaching College*

**INSTITUTION** San Jose State University  
**DEPARTMENT** Mathematics and Computer Science  
**PROGRAM** M.S. Mathematics  
**WEBSITE**  
**HEAD** Michael Burke  
**CONTACT** Martin Billik  
**STREET** One Washington Square  
**CITY** San Jose  
**STATE** CA  
**ZIP** 85192  
**PHONE** 408-924-5114  
**FAX** 408-924-5080  
**EMAIL** Billik@mathcs.sjsu.  
**DESCRIPTION**

*Program Type*      *Teaching Elem*

**INSTITUTION** University of Northern Iowa  
**DEPARTMENT** Mathematics  
**PROGRAM** MA in Maths for the Middle Grade(4-8)  
**WEBSITE** <http://www.math.uni.edu/mathed/ma4-8fl.html>  
**HEAD** Joel K. Haack  
**CONTACT** Ed Rathmell  
**STREET**  
**CITY** Cedar Falls  
**STATE** IA  
**ZIP** 50614-0506  
**PHONE** 319-273-2474  
**FAX** 319-273-2546  
**EMAIL** rathmell@math.uni.  
**DESCRIPTION**

**INSTITUTION** University of Illinois at Chicago  
**DEPARTMENT** Mathematics, Statistics, and Computer Science  
**PROGRAM** MS in Teaching Mathematics  
**WEBSITE** <http://www.math.uic.edu>  
**HEAD** Henri Gillet  
**CONTACT** Dave Marker  
**STREET** 851  
**CITY** S. Morgan St.  
**STATE** IL  
**ZIP** 60607-7045  
**PHONE** 312-996-5119  
**FAX** 312-996-1069  
**EMAIL** marker@uic.edu  
**DESCRIPTION**

*Program Type*      *Teaching HS Math*

**INSTITUTION** Arizona State University

**DEPARTMENT** Mathematics

**PROGRAM** Master of Natural Science with High School Certification

**WEBSITE** <http://math.la.asu.edu>

**HEAD** Rosemary Renaut

**CONTACT** Director of Graduate Studies

**STREET** P.O. Box 871804

**CITY** Tempe

**STATE** AZ

**ZIP** 85287-1804

**PHONE** 480-965-3953

**FAX** 480-965-8119

**EMAIL** [grad@math.la.asu.e](mailto:grad@math.la.asu.e)

**DESCRIPTION** The Department of Mathematics has made great efforts to improve the instructional competency and training of its teaching graduate students. For all new TAs, a onetime TA training workshop is mandatory. A graduate student who is successful teaching at ASU and has participated in a meaningful way in all the training opportunities offered by the Department is well equipped for a future successful career contributing to the secondary education enterprise of the state. The High School internship will be organized through the College of Education. Reasonable efforts will be made to accommodate the student's internship schedule (summer internships are possible).

**INSTITUTION** California State University, Hayward  
**DEPARTMENT** Mathematics and Computer Science  
**PROGRAM** M.S. in Mathematics, Option in Mathematics Teaching  
**WEBSITE** <http://www.mcs.csuhayward.edu>  
**HEAD** Edward L. Keller  
**CONTACT** Prof. Kathy Hann  
**STREET** Cal State Univ., Hayward; 25800 Carlos Bee Blvd.  
**CITY** Hayward  
**STATE** CA  
**ZIP** 94542  
**PHONE** 510-885-3414  
**FAX** 510-885-4169  
**EMAIL** khann@csuhaywar  
**DESCRIPTION** M.A.T.H. (Mathematics And Teaching at Hayward) is designed for the professional development of high school teachers interested in learning more mathematics.

**INSTITUTION** San Jose State University

**DEPARTMENT** Mathematics and Computer Science

**PROGRAM** M.A. Mathematics

**WEBSITE**

**HEAD** Michael Burke

**CONTACT** Martin Billik

**STREET** One Washington Square

**CITY** San Jose

**STATE** CA

**ZIP** 85192

**PHONE** 408-924-5114

**FAX** 408-924-5080

**EMAIL** Billik@mathcs.sjsu.

**DESCRIPTION**

**INSTITUTION** San Jose State University  
**DEPARTMENT** Mathematics and Computer Science  
**PROGRAM** M.A. Mathematics (emphasis in secondary teaching)  
**WEBSITE**  
**HEAD** Michael Burke  
**CONTACT** Martin Billik  
**STREET** One Washington Square  
**CITY** San Jose  
**STATE** CA  
**ZIP** 85192  
**PHONE** 408-924-5114  
**FAX** 408-924-5080  
**EMAIL** Billik@mathcs.sjsu.  
**DESCRIPTION**

**INSTITUTION** University of Northern Colorado  
**DEPARTMENT** Mathematical Sciences  
**PROGRAM** Emphasis in Teaching (Secondary) [MA. in Mathematics]  
**WEBSITE**  
**HEAD** Dr. Richard Grassl  
**CONTACT** Dicena Moore  
**STREET** Ross 3220  
**CITY** Greeley Co  
**STATE** CO  
**ZIP** 80639  
**PHONE** 970-351-2827  
**FAX** 970-351-1269  
**EMAIL** dlmoore@bentley.u  
**DESCRIPTION**

**INSTITUTION** University of Iowa  
**DEPARTMENT** Mathematics  
**PROGRAM** Secondary Mathematics Teaching  
**WEBSITE** <http://www.math.uiowa.edu>  
**HEAD** Bor-Luh Lin  
**CONTACT** Yi Li, Director of Graduate Studies  
**STREET** Dept of Mathematics, 14 Mac lean Hall  
**CITY** Iowa City  
**STATE** IA  
**ZIP** 52242-1419  
**PHONE** 319-335-0763  
**FAX** 319-335-0627  
**EMAIL** [yli@math.uiowa.edu](mailto:yli@math.uiowa.edu)  
**DESCRIPTION** This program is designed for secondary school teachers to help them improve their mathematical training. In addition, courses in Mathematics Education are required.

**INSTITUTION** Boise State University  
**DEPARTMENT** Math & CS  
**PROGRAM** Education, Math Emphasis  
**WEBSITE**  
**HEAD** Alan Hausrath  
**CONTACT** Alan Hausrath  
**STREET**  
**CITY** Boise  
**STATE** ID  
**ZIP** 83725  
**PHONE** 208-426-1356  
**FAX**  
**EMAIL** hausrath@math-cs.  
**DESCRIPTION**

**INSTITUTION** University of Idaho  
**DEPARTMENT** Mathematics  
**PROGRAM** Master of Arts in Teaching  
**WEBSITE** <http://www.uidaho.edu/LS/Math/Research/research.html>  
**HEAD** James Calvert  
**CONTACT** Jana Joyce  
**STREET** Brink hall 300, MC 1103  
**CITY** Moscow  
**STATE** ID  
**ZIP** 83844-1103  
**PHONE** 208-885-6743  
**FAX** 208-885-5843  
**EMAIL** [math@uidaho.edu](mailto:math@uidaho.edu)  
**DESCRIPTION**

**INSTITUTION** Northern Illinois University  
**DEPARTMENT** Mathematical Sciences  
**PROGRAM** M.S. in Mathematics with Specialization in Mathematics  
**WEBSITE** <http://math.niu.edu/programs/grad>  
**HEAD** William D. Blair  
**CONTACT** Gregory S. Ammar, Director of Graduate Studies  
**STREET** Department of Mathematical Sciences, Northern Illinois  
**CITY** Dekalb  
**STATE** IL  
**ZIP** 60115  
**PHONE** 815-753-6775  
**FAX** 815-753-1112  
**EMAIL** [gradprog@math.niu](mailto:gradprog@math.niu).  
**DESCRIPTION**

**INSTITUTION** Wayne State University  
**DEPARTMENT** Mathematics  
**PROGRAM** Mathematics with secondary teaching option  
**WEBSITE**  
**HEAD** Prof. William Cohn  
**CONTACT** Prof. C.S.Houh, Master program director  
**STREET** Department of Mathematics, Wayne State University  
**CITY** Detroit  
**STATE** MI  
**ZIP** 48202  
**PHONE** 313-577-3172  
**FAX** 313-577-7596  
**EMAIL** houh@math.wayne.  
**DESCRIPTION**

**INSTITUTION** University of Minnesota  
**DEPARTMENT** School of Mathematics  
**PROGRAM** M.S. Degree with Emphasis in Mathematics Education  
**WEBSITE** <http://www.math.umn.edu>  
**HEAD** Professor Naresh Jain  
**CONTACT** Director of Graduate Studies  
**STREET** 127 Vomcemt Hall. 206 church St. SE  
**CITY** Minneapolis  
**STATE** MN  
**ZIP** 55455  
**PHONE** 612-625-1306  
**FAX** 612-626-2017  
**EMAIL** [gradprog@math.umn](mailto:gradprog@math.umn.edu)  
**DESCRIPTION** In addition to obtaining a master's degree in mathematics, students in this unique program gain a solid knowledge of advanced mathematics, refine their teaching skills, and learn modern approaches to pedagogy. This preparation certifies students to teach mathematics in Minnesota high schools, and prepares them for community college instruction. Furthermore, program participants have the unique opportunity to teach in innovative U of MN undergraduate calculus courses and the Talented Youth Mathematics Program for mathematically promising middle school and high school students. Our ultimate aim is to produce an outstanding group of future high school teachers of mathematics.

**INSTITUTION** University of Nebraska At Kearney

**DEPARTMENT** Mathematics and Statistics

**PROGRAM** Secondary Mathematics Education

**WEBSITE** <http://www.unk.edu>

**HEAD** Randall Heckman

**CONTACT**

**STREET** Department of Math and Stat, UNK

**CITY** Kearney

**STATE** NE

**ZIP** 68849

**PHONE** 308-865-8498

**FAX** 608-865-8498

**EMAIL** [heckmanr@unk.edu](mailto:heckmanr@unk.edu)

**DESCRIPTION**

**INSTITUTION** Kean University  
**DEPARTMENT** Mathematics and computer Science  
**PROGRAM** M.A. in Mathematics Education  
**WEBSITE**  
**HEAD** Francine F. Abeles  
**CONTACT**  
**STREET** 1000 Morris Ave.  
**CITY** Union  
**STATE** NJ  
**ZIP** 07083-7131  
**PHONE** 908-527-2104  
**FAX**  
**EMAIL** fabeles@turbo.kean  
**DESCRIPTION** There is a teaching option and a computer applications option.

**INSTITUTION** Hunter College of the CUNY  
**DEPARTMENT** Mathematics and Statistics  
**PROGRAM** Preparation of Secondary Education Teachers of Mathematics  
**WEBSITE** <http://math.hunter.cuny.edu/>  
**HEAD** Ada Peluso  
**CONTACT**  
**STREET** Hunter College; 695 Park Avenue  
**CITY** New York  
**STATE** NY  
**ZIP** 10021  
**PHONE** 212-772-4632  
**FAX** 212-772-4858  
**EMAIL** peluso@math.hunte  
**DESCRIPTION** There are two main target groups\_for this program. Track I is concerned with preparation of secondary\_education teachers of mathematics for candidates who have an undergraduate\_major in mathematics but little or no teacher education. Track II is for\_preparation of secondary education teachers of mathematics for those with\_New York State teacher certification in an area other than mathematics.

**INSTITUTION** Rensselaer Polytechnic Institute  
**DEPARTMENT** Center For Initiatives in Precollege Education  
**PROGRAM** MS in Natural Sciences  
**WEBSITE** <http://bio.bio.rpi.edu>  
**HEAD** Lester Rubenfeld  
**CONTACT**  
**STREET** Rensselaer Polytechnic Institute - CII 9217 110 8th Street  
**CITY** Troy  
**STATE** NY  
**ZIP** 12180-3590  
**PHONE** 518-276-6906  
**FAX** 518-276-2113  
**EMAIL** [rubenl@rpi.edu](mailto:rubenl@rpi.edu)  
**DESCRIPTION** The overall goals of this program, which has been developed for secondary school mathematics and science teachers, are\_ to inspire observant inquiry;\_- to give science and mathematics immediacy and relevance so that teachers will make them compelling to the youngsters in their charge;\_- to provide knowledge of how content integrates with other disciplines, and provide instruction in using tools such as modern\_educational technologies to enhance classroom activities; and \_- to enhance the skills and knowledge of secondary school mathematics and science teachers with techniques, tools and a rich body of relevant scientific and mathematics content to highlight the relevance of science and mathematics for their students.

**INSTITUTION** Bowling Green State University  
**DEPARTMENT** Department of Mathematics and Statistics  
**PROGRAM** Master of Arts in Teaching Mathematics  
**WEBSITE** <http://www.bgsu.edu/departments/math/>  
**HEAD** Neal L. Carothers  
**CONTACT** Dr. Steven M. Seubert, Professor and Graduate Coordinator  
**STREET** Department of Mathematics and Statistics  
**CITY** Bowling Green  
**STATE** OH  
**ZIP** 43403  
**PHONE** 419-372-7453  
**FAX** 419-372-6092  
**EMAIL** Sseuber@bgnet.bg  
**DESCRIPTION** The Masters of Arts in Teaching Mathematics degree program is designed\_for those who plan a teaching career in the secondary schools, two-year\_colleges, public schools, or small liberal arts colleges. Admission in to\_the program requires certification or consent of the Program Supervisor.\_

**INSTITUTION** John Carroll University  
**DEPARTMENT** Mathematics and computer Science  
**PROGRAM** Master of Arts in Teaching Mathematics  
**WEBSITE** <http://www.jcu.edu/math/programs/ma.htm>  
**HEAD** Dr. Dwight M. Olson  
**CONTACT** Dr Douglas Norris, Graduate Coordinator  
**STREET** 20700 North Park Blvd.  
**CITY** University Heights  
**STATE** OH  
**ZIP** 44118  
**PHONE** 216-397-4372  
**FAX** 216-397-3033  
**EMAIL** [norris@jcu.edu](mailto:norris@jcu.edu)  
**DESCRIPTION** Professional development of high school teachers interested in\_learning additional mathematics that is directly related to the\_secondary curriculum.

**INSTITUTION** Miami University  
**DEPARTMENT** Mathematics and Statistics  
**PROGRAM** Masters of Arts in Teaching  
**WEBSITE** <http://www.muohio.edu/~mstcwis/>  
**HEAD** Prof. Mark Smith  
**CONTACT** Robert L. Schaefer, Graduate Director  
**STREET** 123 Bachelor Hall - Math/Stat - Miami Univ.  
**CITY** Oxford  
**STATE** OH  
**ZIP** 45056-3414  
**PHONE** 513-529-3533  
**FAX** 513-529-1493  
**EMAIL** Schaeferl@MUOhio.  
**DESCRIPTION**

**INSTITUTION** University of Cincinnati  
**DEPARTMENT** Department of Mathematical Sciences  
**PROGRAM** Master of Arts in Teaching  
**WEBSITE** <http://math.uc.edu/grad4.html>  
**HEAD** Dr. Joanna Mitro  
**CONTACT**  
**STREET** P.O. Box 210025  
**CITY** Cincinnati  
**STATE** OH  
**ZIP** 45221-0025  
**PHONE** 513-556-4055  
**FAX** 513-556-3417  
**EMAIL** [joanna.mitro@uc.ed](mailto:joanna.mitro@uc.ed)  
**DESCRIPTION** This program is for certified secondary school \_teachers of mathematics.

**INSTITUTION** University of Toledo  
**DEPARTMENT** Mathematics  
**PROGRAM** Master of Science and Education  
**WEBSITE** <http://www.math.utoledo.edu>  
**HEAD** H. L. Bentley  
**CONTACT** Martin R. Pettet  
**STREET** Dept of Mathematics  
**CITY** Toledo  
**STATE** OH  
**ZIP** 43606-3390  
**PHONE** 419-530-2038  
**FAX** 419-530-4720  
**EMAIL** [mpettet@math.utole](mailto:mpettet@math.utole)  
**DESCRIPTION**

**INSTITUTION** Portland State University

**DEPARTMENT** Mathematical Sciences

**PROGRAM** MAT/MST in Mathematics

**WEBSITE** <http://www.mth.pdx.edu>

**HEAD** Eugene A. Enneking

**CONTACT**

**STREET** P.O. Box 751

**CITY** Portland

**STATE** OR

**ZIP** 97202

**PHONE** 503-725-3621

**FAX** 503-725-3661

**EMAIL** [gene@mth.pdx.edu](mailto:gene@mth.pdx.edu)

**DESCRIPTION**

**INSTITUTION** Rhode Island College  
**DEPARTMENT** Mathematics/Computer Science  
**PROGRAM** Master of Arts in Teaching (MAT) in Secondary Math  
**WEBSITE**  
**HEAD** Prof. Barry Schiller  
**CONTACT** Prof. Arther Smith  
**STREET** Mt. Pleasant Avenue  
**CITY** Providence  
**STATE** RI  
**ZIP** 2908  
**PHONE** 401-456-8038  
**FAX**  
**EMAIL** bschiller@grog.ric.e  
**DESCRIPTION**

**INSTITUTION** Rhode Island College  
**DEPARTMENT** Mathematics/Computer Science  
**PROGRAM** Master of Education (MEd) in Secondary Education - Math  
**WEBSITE**  
**HEAD** Prof. Barry Schiller  
**CONTACT** Prof. Arther Smith  
**STREET** Mt. Pleasant Avenue  
**CITY** Providence  
**STATE** RI  
**ZIP** 2908  
**PHONE** 401-456-8038  
**FAX**  
**EMAIL** bschiller@grog.ric.e  
**DESCRIPTION**

**INSTITUTION** Texas A&M University  
**DEPARTMENT** Mathematics  
**PROGRAM** M.S. in Mathematics Teaching  
**WEBSITE** <http://www.math.tamu.edu>  
**HEAD** William Rundell  
**CONTACT**  
**STREET** Department of Mathematics, Texas A&M Univ.  
**CITY** College Station  
**STATE** TX  
**ZIP** 77845-3368  
**PHONE** 409-862-4137  
**FAX** 409-862-4190  
**EMAIL** [gstudies@math.tam](mailto:gstudies@math.tam)  
**DESCRIPTION**

**INSTITUTION** University of Vermont

**DEPARTMENT** Mathematics & Statistics

**PROGRAM** Master of Arts for Teachers

**WEBSITE** <http://www.emba.uvm.edu/EM/Math>

**HEAD** Jeffrey h. Dinitz, Chair

**CONTACT** Richard Foote

**STREET** 16 Colchester Avenue

**CITY** Burlington

**STATE** VT

**ZIP** 05401-1455

**PHONE** 802-656-8135

**FAX** 802-656-2552

**EMAIL** foote@emba.uvm.e

**DESCRIPTION** The M.A.T. degree is a cooperative venture between UVM's Department of Mathematics & Statistics and the College of Education & Social Services. The M.A.T. is intended for individuals who are licensed teachers, although it is possible to obtain Vermont licensure while completing this degree through a program of courses and training tailored to the individual's background and needs.

**INSTITUTION** University of Vermont  
**DEPARTMENT** Mathematics & Statistics  
**PROGRAM** Master of Science for Teachers  
**WEBSITE** <http://www.emba.uvm.edu/EM/Math>  
**HEAD** Jeffrey h. Dinitz, Chair  
**CONTACT** Richard Foote  
**STREET** 16 Colchester Avenue  
**CITY** Burlington  
**STATE** VT  
**ZIP** 05401-1455  
**PHONE** 802-656-8135  
**FAX** 802-656-2552  
**EMAIL** foote@emba.uvm.e  
**DESCRIPTION**

**INSTITUTION** Marquette University  
**DEPARTMENT** Mathematics, Statistics and Computer Science  
**PROGRAM** Mathematics Education  
**WEBSITE** <http://www.msccs.mu.edu>  
**HEAD** Dr. Douglas Harris  
**CONTACT** Dr. George Corliss  
**STREET** P.O. Box 1881  
**CITY** Milwaukee  
**STATE** WI  
**ZIP** 53201-1881  
**PHONE** 414-284-6599  
**FAX** 414-288-5472  
**EMAIL** [georgec@msccs.mu](mailto:georgec@msccs.mu)  
**DESCRIPTION**