Degree Options

- Our department offers both Bachelor of Arts and Bachelor of Science degrees with concentrations in:
  - Actuarial Science
  - Applied Mathematics
  - Mathematics with Computer Science
  - Pure Mathematics
  - Statistics
Degree Options

- You can choose to work in research or use your skills in a more hands-on way.
- If you think you want to go to Graduate School for Engineering or another field, earning your Bachelor’s degree in mathematics can give you a solid educational background that trains your mind to think in a very logical, scientific way – effectively preparing you for complicated Graduate work.
We Use Math

- The most common question students ask math teachers at every level is…
  
  **When will I use math?**

- The video describes the importance of mathematics and many rewarding career opportunities available to students who study mathematics.

http://www.youtube.com/watch?feature=player_embedded&v=aYk4jggQJc
Fastest-Growing Careers

- Actuary
- Mathematician
- Cryptographer
- Economist
- Operations Research Analyst
- Financial Analyst
- Statistician
- Biostatistician
- Data Scientist
- Personal Financial Advisor
- Teaching: Elementary, Middle, Secondary, Postsecondary
Alumni

- Anthony Bradfield
  - BA Statistics & Economics, 2010
  - PhD Economics, OSU

- Samantha Davis
  - BA Statistics, 2008
  - Senior Analyst, Towers Watson
  - Fellow of the Society of Actuaries
  - Enrolled Actuary under ERISA
Alumni

- Suzan Orra
  - BS Pure Math, 2004
  - MS Math, 2006
  - Lecturer at UT

- Jonathan Schroeder
  - BS Pure Math, 2008
  - PhD Program at Wisconsin-Madison
Alumni

- Dana Smith
  - BS Applied Math, 2011
  - MS Program at Univ. of Michigan

- Zackary Wick
  - BS Math Computer Science, 2010
  - Software Engineer, Barracuda Networks
Current Students

- Belal Abdullah
  - BS Pure Math
  - Pre-Med
  - Minor in Chemistry

- Zachary Dietrich
  - BS Statistics
  - MA Statistics
  - Institute for Training in Biostatistics and Univ. of South Florida, 2012
Current Students

- Laura Gerhardinger
  - BA Math & Economics

- Nathan Jones
  - BS Pure Math
  - Summer Research at UT
  - Works with Dr. Gerard Thompson
Current Students

- Luke Kwiatkowski
  BS Pure Math
  Physics Summer Research at UT
  Works with Dr. Mao-Pei Tsui

- Matthew Osborne
  BS Applied Math
  Summer REU at Univ. of Michigan
Faculty Research Foci

- **Actuary**
  - Zhiwei Chen, Ron Liu, Minhui Paik, Don White

- **Algebra**
  - Paul Hewitt, Charles Odenthal, Akaki Tikaradze

- **Analysis**
  - Zeljko Cuckovic, Sonmez Sahutoglu, Akaki Tikaradze, Denis White

- **Applied Mathematics**
  - Alessandro Arsie, Maria Leite, Robert Ochs, Ivie Stein, West Vayo
Faculty Research Foci

- Differential Equations
  - Alessandro Arsie, Maria Leite, Biao Ou, Gerard Thompson, Mao-Pei Tsui
- Differential Geometry
  - Geoffrey Martin, Gerard Thompson, Mao-Pei Tsui
- Math Education
  - Jim Anderson, Friedhelmi Schwarz
- Statistics
  - Rong Liu, Qin Shao, Donald White, Biao Zhang
Undergraduate Research

- Nathan Jones submitted a joint paper with Dr. Gerard Thompson
- Joseph Ozbolt published a paper with Dr. Mao-Pei Tsui
- Zachary Dietrich – 2012 Summer Institute in Biostatistics at Univ. of South Florida
Pi Mu Epsilon
Alumni Visit
Undergraduate Jobs at UT

- Grading for the department
- Tutoring for Learning Enhancement Center/Math Learning Resource Center
- Math 1200 Study Table
- Donald P. Sparks