The Bachelor of Science in Mathematics is designed to include a large level of flexibility to serve students in a variety of areas in mathematics and statistics: pure math, computational math, applied math, and statistics.

Mathematics is a powerful tool for solving practical problems and a highly creative field of study, combining logic and precision with intuition and imagination. The basic goal of mathematics is to reveal and explain patterns - whether the pattern appears as electrical impulses in an animal's nervous system, as fluctuations in stock market prices, or as fine detail of an abstract geometric figure. With today's powerful computers, mathematics is being used in science and engineering in unprecedented ways: to plan the path of a robot arm, to model oil reservoirs under the surface of the earth, to make and break secret codes.

**SKILLS**
- Mathematical Reasoning
- Problem-Solving
- Ability to Interpret Data
- Critical Thinking

**POTENTIAL CAREER OPPORTUNITIES**
- Auditor
- Astronomer*
- Budget Analyst
- Computer Research Scientist*
- Data/Systems Administrator
- Economist*
- Financial Analyst*
- Management Analyst
- Market Research Analyst
- Operations Research Analyst
- Statistician
- Survey Researcher
- STEM Educator*

*Additional education/certification may be required

**COMMON CAREER AREAS FOR THIS MAJOR**
- Research
- Data & Analytics
- Banking or Finance
- Project Management
- Computational Science
- Statistics
- STEM Education
ADD TO YOUR RESUME

- Do volunteer work
  Did you know UNLV has programs, student groups, and academic service-learning opportunities for you to join?
  View more information here: unlv.edu/service

- Join a student organization
  Students are encouraged to get involved with these groups early on!
  - Financial Management Association, UNLV
  - UNLV FinTech
  - KindUp
  - Alliance of Non-Traditional Students (ANTS)
  - Rebel Venture Fund
  Find more than 350 student organizations at: involvementcenter.unlv.edu

- Get part-time job or internship
  A part-time, temporary, and summer job or internship can help you increase your confidence as you develop your skills and add experiences to your resume.

MEDIAN SALARIES AND PROJECTED EMPLOYMENT

<table>
<thead>
<tr>
<th>Job Title</th>
<th>2018 Local Median Salary (Las Vegas, NV)</th>
<th>2018 National Median Salary</th>
<th>Annual Projected Job Openings in US (2016-2026)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financial Analysts</td>
<td>$77,790</td>
<td>$85,660</td>
<td>29,000</td>
</tr>
<tr>
<td>Operations Research Analysts</td>
<td>$96,310</td>
<td>$83,390</td>
<td>10,700</td>
</tr>
<tr>
<td>Marketing Research Analysts</td>
<td>$58,020</td>
<td>$63,120</td>
<td>77,100</td>
</tr>
<tr>
<td>Statistical Assistants</td>
<td>$51,320</td>
<td>$48,330</td>
<td>1,600</td>
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<tr>
<td>Mathematics Professor</td>
<td>$59,030</td>
<td>$65,660</td>
<td>5,300</td>
</tr>
</tbody>
</table>

www.careeronestop.org (Website is sponsored by the US Dept. of Labor)

EXTERNAL RESOURCES

- Job Search Websites
  - glassdoor.com
  - indeed.com
  - idealist.org (non-profit jobs)
  - simplyhire.com

- Career Information
  - bls.gov/ooh
  - careeronestop.org
  - onetonline.org

- Salary Information
  - glassdoor.com/salaries
  - payscale.com

UNLV COLLEGE OF SCIENCES

The College of Sciences Advising Center seeks to proactively mentor, support, and empower students to achieve their personal and professional goals.

- 702-895-2077
- sci.advising@unlv.edu
- MPE-A, Rm. 130
- unlv.edu/sciences/advising

UNLV CAREER SERVICES

Career Services is your source for resume building, interview preparation, and a wide variety of job and internship opportunities to get you started on your path to career success.

- 702-895-3495
- careerservices@unlv.edu
- SSC-A, Rm. 201
- unlv.edu/careerservices