01. Meet the Officers
02. What is an Actuary?
03. BAS Events
04. Relevant Majors and Minors
05. Actuarial Exams
06. Joining BAS
07. BAS Website
1. Meet the Officers
Meichen Chen

President

• Class: Senior
• Majors: Applied Mathematics, Statistics
• Minor: Specialization in Computing
• Work Experience:
  • UnitedHealth Group, Cypress
  • Root, Columbus
Arman Begi

Vice President

• Class: Junior
• Major: Financial Actuarial Mathematics
• Work Experience:
  • Pacific Life, Aliso Viejo
Breanna Nolan

Director of Finance

• Class: Senior
• Major: Financial Actuarial Mathematics
• Work Experience:
  • Oliver Wyman, Los Angeles
  • Metromile, San Francisco
Jia Shing Wee

Director of Professional Development

- **Class:** Sophomore
- **Major:** Financial Actuarial Mathematics
- **Work Experience:**
  - Allianz Life, Malaysia
Tian Ouyang

Director of External Outreach

• Class: Junior
• Major: Statistics
• Work Experience:
  • Casualty Actuarial Society Student Summer Program, Remote
Shannon Leo

Director of Internal Outreach

• Class: Junior
• Majors: Financial Actuarial Mathematics, Business Economics
• Minor: Specialization in Computing
• Work Experience:
  • UnitedHealthcare, Minnetonka
2. What is an Actuary?
What is an Actuary?

• Business professionals who measure and manage financial risk
• Helps businesses deal with risk of loss by quantitatively measuring and qualitatively managing uncertainty
• Calculates the costs of uncertain future events that range from tornadoes and hurricanes to changes in life expectancy
• Uses math, data analytics, and business knowledge to study future events
Why Become an Actuary?

- Low stress
- High compensation
- Low unemployment rate
- High job security
  - No computer can replicate our work
  - Risk management is more important during economic recessions
- Balanced lifestyle
- Instead of paying for graduate school, advance your career through a series of employer-funded exams
- Impactful work
  - We can see how our solutions impact the real world
- Salary increases with passed exams and experience
Where Do Actuaries Work?

Major Lines of Business
- Life
- Health and Benefits
- Property and Casualty
- Reinsurance
- Retirement

Nontraditional Roles
- Catastrophe Modeling
- Investment Management
- Software
- Quantitative Analytics
- Data Mining
3.
BAS Events
What BAS Offers

- Mentorship Program
- Technical Skills and Professional Development Workshops
- Opportunity to meet other students with similar classes, interests, and goals
- See our full schedule of events at https://www.math.ucla.edu/~actuary/events.html
We will be hosting one in-person Career Fair and one virtual. All students, including freshmen and transfers, are strongly encouraged to attend!

<table>
<thead>
<tr>
<th>In-person</th>
<th>Virtual</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Monday, October 3\textsuperscript{rd} from 6:00-8:30pm</td>
<td>• Tuesday, October 4th from 6:00-8:30pm</td>
</tr>
<tr>
<td>• Location: Bruin Reception Room</td>
<td>• Zoom details will be sent after RSVP</td>
</tr>
<tr>
<td>• Network with firm representatives</td>
<td>• 1on1 networking with firm reps after introductions</td>
</tr>
</tbody>
</table>
Winter & Spring Events

Case Competition
Team up with BAS members to gain professional experience through a practical problem written by professionals!

Spring Banquet
Speak to firm representatives over dinner celebrating the school year

Workshops
Learn more about writing a resume, interviewing, and technical skills (R, Excel, VBA) in our technical skills and professional development workshops
Tentative Fall Schedule

<table>
<thead>
<tr>
<th>SEPTEMBER 2022</th>
<th>Note: All times listed in this calendar are Pacific time.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SUNDAY</strong></td>
<td><strong>MONDAY</strong></td>
</tr>
<tr>
<td>1</td>
<td>2</td>
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<tr>
<td>8</td>
<td>9</td>
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<tr>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td><strong>Week 0</strong></td>
<td>First General Meeting (Online)</td>
</tr>
<tr>
<td>22</td>
<td>23</td>
</tr>
<tr>
<td>OH (tentative)</td>
<td>First General Meeting + Resume Critique Deadline</td>
</tr>
<tr>
<td>29</td>
<td>30</td>
</tr>
<tr>
<td>Actuarial 101 with Ziruo from Aon</td>
<td>OH (tentative)</td>
</tr>
</tbody>
</table>
# Tentative Fall Schedule

## OCTOBER 2022

<table>
<thead>
<tr>
<th>SUNDAY</th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
<th>SATURDAY</th>
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<tbody>
<tr>
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<td>27</td>
<td>28</td>
<td>29</td>
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<tr>
<td><strong>Week 1</strong></td>
<td><strong>Week 2</strong></td>
<td><strong>Week 3</strong></td>
<td><strong>Week 4</strong></td>
<td><strong>Week 5</strong></td>
<td><strong>Week 4</strong></td>
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<td><strong>4</strong></td>
<td><strong>5</strong></td>
<td><strong>6</strong></td>
<td><strong>7</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td>Career Fair Prep + Resume Workshop</td>
<td>Career Fair Prep + Resume Workshop, OH</td>
<td>OH (tentative)</td>
<td>Actuarial 101 with Ziruo from Aon</td>
<td></td>
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</tr>
<tr>
<td>In Person Career Fair from 6:00 - 8:30 PM</td>
<td>Virtual Career Fair from 6:00 - 8:30 PM</td>
<td>WTW Info Session</td>
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<tr>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
</tr>
<tr>
<td><strong>Week 3</strong></td>
<td><strong>Week 4</strong></td>
<td><strong>Week 4</strong></td>
<td><strong>Week 4</strong></td>
<td><strong>Week 4</strong></td>
<td><strong>Week 4</strong></td>
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<tr>
<td>Interviewing Workshop</td>
<td>Mentorship Mixer</td>
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<tr>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
</tr>
<tr>
<td><strong>Week 4</strong></td>
<td><strong>Week 4</strong></td>
<td><strong>Week 4</strong></td>
<td><strong>Week 4</strong></td>
<td><strong>Week 4</strong></td>
<td><strong>Week 4</strong></td>
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<tr>
<td>First-Year Workshop + International Workshop</td>
<td>TIA Info Session with Lee Gibson</td>
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<tr>
<td>23</td>
<td>24</td>
<td>25</td>
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<td>28</td>
<td>29</td>
</tr>
<tr>
<td><strong>Week 5</strong></td>
<td><strong>Week 5</strong></td>
<td><strong>Week 5</strong></td>
<td><strong>Week 5</strong></td>
<td><strong>Week 5</strong></td>
<td><strong>Week 5</strong></td>
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<tr>
<td>30</td>
<td>31</td>
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</tr>
</tbody>
</table>
4. Relevant Majors and Minors
FAM Pre-Major

**MATH**
- 31A
- 31B
- 32A
- 32B
- 33A
- 33B

One of 11N, 42, 61, 70

**PIC**
- 10A
- 10B or 16A

**ECON**
- 1
- 2
- 11

**MGMT**
- 1A
FAM Major

MATH
115A
131A
177
178A
178B
178C
179
170E
170S
174E*

*(ECON 141 OR STATS C183/C283 also accepted)

Two upper division economics, mathematics, or statistics courses:

MATH 106-199
ECON 101-199
STATS 100C
# Other Relevant Majors

<table>
<thead>
<tr>
<th>Major</th>
<th>Requirements (Excluding Pre-Major)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>12 pure math courses</td>
</tr>
<tr>
<td>Applied Mathematics</td>
<td>12 applied math courses</td>
</tr>
<tr>
<td>Mathematics of Computation</td>
<td>14 math and computer science courses</td>
</tr>
<tr>
<td>Mathematics/Economics</td>
<td>14 math and economics courses</td>
</tr>
<tr>
<td>Data Theory</td>
<td>16 math and statistics courses</td>
</tr>
<tr>
<td>Statistics</td>
<td>13 statistics courses, including a capstone project</td>
</tr>
<tr>
<td>Business Economics</td>
<td>10 economics and management courses</td>
</tr>
</tbody>
</table>
Employers look for students with quantitative backgrounds. If your major is not as quantitative, it is a good idea to supplement it with a math-related minor.

<table>
<thead>
<tr>
<th>Minor</th>
<th>Requirements (Excluding those necessary to declare the minor)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics (if not a math major)</td>
<td>5 upper-division math courses</td>
</tr>
<tr>
<td>Specialization in Computing (if not a Math of Computation major)</td>
<td>7 PIC and math courses</td>
</tr>
<tr>
<td>Accounting</td>
<td>7 management courses</td>
</tr>
<tr>
<td>Statistics</td>
<td>6 statistics courses</td>
</tr>
</tbody>
</table>
5. Actuarial Exams
• Actuaries typically do not go to grad school
  • No more student debt! 😊

• Instead, the actuarial career involves a series of ~10 exams

• It generally takes 5 – 10 years to complete (Achieving the fellowship level)
The two actuarial organizations, SOA and CAS, require the same two preliminary exams:
- Probability (SOA Exam P/CAS Exam 1) and Financial Mathematics (SOA Exam FM/CAS Exam 2)
- Exam IFM replaced by module
Actuarial Exams

- Firms typically require at least one passed exam for internship and full-time positions
- Preliminary exams are 2.5 – 3hrs, multiple choice exams
- Recommended study time is 100 hours per hour of exam (250-300 hours)
- UCLA offers courses that cover both preliminary exams as well as more advanced ones!
6.

Joining BAS
Anybody can attend our workshops. All majors and years are welcome

- No application (but paid members must fill out a form)
- No time commitment or attendance requirements
- Even if you decide this career isn’t for you, you’ll still be able to benefit from our resume, interviewing, and technical skills workshops!
## Membership Benefits

**Annual Fee:** $25

### General Member Benefits:
- Access to all workshops
  - Professional development
  - Technical skills
- Mentorship program
- Firm information sessions and networking
- Presentations by experienced actuaries
- Exam prep discounts

### Paid Member Benefits:
- All of the general member benefits
- Access to major events
  - Career Fair
  - Case Competition
  - Spring Banquet
- Dinners with an Actuary (small group dinners with actuaries)
- Emails about job openings
- Free BAS t-shirt
To become a **general member**, 

- Join the mailing list here: [https://groups.google.com/u/1/g/bruinactuaries](https://groups.google.com/u/1/g/bruinactuaries)
- Click *join group* to subscribe to the BAS Google Group
- You may need to sign into your Google account first

To also become a **paid member**, 

- Fill out this form: [https://docs.google.com/forms/d/e/1FAIpQLSf_1mXWUNiffxaQ3FZZcEPLER676PaElFWWxjFIDW3VqSV0w/viewform?usp=sharing](https://docs.google.com/forms/d/e/1FAIpQLSf_1mXWUNiffxaQ3FZZcEPLER676PaElFWWxjFIDW3VqSV0w/viewform?usp=sharing)
- The form contains payment details via PayPal or Venmo (PayPal preferred)
Code of Conduct

• Bruin Actuarial Society is a professional organization. We want to maintain our strong reputation.

• We expect our members (both paid and general) to abide by a set of professional standards. In turn, you can expect us to uphold our duties as officers and represent BAS professionally.

• Recruiters tend to think highly of UCLA FAM majors and BAS members. Let’s maintain such.
Code of Conduct (Abridged)

Introduction
As members of Bruin Actuarial Society, all students, alumni, and officers are responsible for maintaining the highest ethical standards.

Purpose
It is our commitment to use the highest ethical and professional standards as the basis of all decisions. We are each accountable for our own actions and are collectively responsible for upholding standards of behavior.

Accountability
As members of Bruin Actuarial Society and students at University of California, Los Angeles, you are expected to be honest with yourself and accountable for what you say and do.
Code of Conduct (Abridged)

Rules

• Your attendance is expected at all events to which you RSVP. If you must cancel an RSVP, you must do so by email with at least 24 hours’ notice.

• Providing false information on resumes or during interviews is prohibited.

• Direct questions and concerns to the Bruin Actuarial Society email address, even if you have officers’ personal contact information.

• Interact with the firm representatives professionally.
7.
BAS Website
Website

https://www.math.ucla.edu/~actuary/

Schedule of Events:
Up-to-date schedule of upcoming events and workshops

Majors and Minors:
List of UCLA actuarial courses and their relevant exams/VEEs

Handbook:
Detailed guide on writing a resume, interviewing, taking actuarial exams, and more

Exams:
Exam overview, review of exam prep resources, and exam prep discounts
Resume Book

• Student resumes are sent to all firms participating in Career Fair

• If you would like your resume to be included, please submit your resume by **Saturday, 9/24 at 8 PM** here: [https://forms.gle/eGcqcXxHaVuo3HPg6](https://forms.gle/eGcqcXxHaVuo3HPg6)
  • Full details and requirements are in the form!

• If you submit your resume by **Friday, 9/23 at 8 PM**, we will let you know by 9/24 at 9 AM if we are unable to include your resume for any reason
Fourteenth Annual Career Fair

Monday 10/3 : 6:00 – 8:30 PM Bruin Reception Room
Tuesday 10/4 : 6:00 – 8:30 PM Zoom

• One of the most important events from BAS!
• Learn about different companies
  • We have over 20 companies from different industries participating!
• Recruit for internship or full time positions
  • Even if you are not recruiting this year, firm reps may remember your face for next year!
How do I attend the Career Fair?

- Become a paid member by filling out form below by Wednesday 9/28 at 8 PM
  - https://forms.gle/XkSEvi9WTnHi5nTQ6
- Attend one of our Career Fair Preparation Workshops (MANDATORY)
  - Monday 9/26 at 6:00 PM over Zoom
  - Tuesday 9/27 at 6:00 PM in MS 6627
- There is an optional Resume Workshop after each Career Fair Prep Workshop at 7:00 PM
- Come to the Career Fair in business professional!
Follow BAS on Social Media!

Like our page on Facebook for announcements, posts featuring actuaries, and more
https://www.facebook.com/bruinactuaries

Connect with us on Linkedin and discover a network of fellow BAS members
https://www.linkedin.com/in/bruinactuaries/

Follow us on Instagram to stay updated with our events and workshops
https://www.instagram.com/bruinactuaries/
KEY TAKEAWAYS

✓ Remember to join our mailing list on our website
✓ Resume Book Submission Deadline: 9/24 @ 8 PM

ANNOUNCEMENTS

✓ Career Fair Prep & Resume 9/26 (Zoom) 9/27 (In-Person)
✓ Actuarial 101 and Recruitment on 9/30
✓ Career Fair 10/3 (In-Person) and 10/4 (Zoom)
Questions?