First General Meeting

Bruin Actuarial Society
Agenda

- Meet the Officers
- What is an Actuary
- BAS Events
- Relevant Majors and Minors
- Actuarial Exams
- Joining BAS
- BAS Website
Meet the Officers
Gavin Hu
President

Class: Senior
Majors: Applied Mathematics, Statistics
Minor: Specialization in Computing

Work Experience:
- Liberty Mutual, Seattle
- Beam Dental, Columbus
Gabby Ignacio
Vice President

Class: Senior
Major: Financial Actuarial Mathematics
Minor: Geospatial Information Systems & Technology

Work Experience:
- Cobec Consulting, Washington DC
- Accenture, Los Angeles
Meichen Chen
Director of Professional Development

- **Class:** Junior
- **Majors:** Applied Mathematics; Statistics
- **Minor:** Specialization in Computing
- **Work Experience:**
  - UnitedHealth Group, Cypress
Eva Mars
Director of Finance

Class: Senior

Major: Financial Actuarial Mathematics

Minors: Specialization in Computing, Statistics

Work Experience:

CSAA, Walnut Creek
Arman Begi
Director of External Outreach

- **Class:** Sophomore
- **Major:** Financial Actuarial Mathematics
- **Minors:** Specialization in Computing, Statistics
Breanna Nolan
Director of Internal Outreach

Class: Junior

Major: Financial Actuarial Mathematics

Work Experience:
- Metromile, San Francisco
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
BAS Events
WHAT BAS OFFERS

- BAS Career Fair – in-person and virtual!
- Actuarial Case Competition
- Spring Banquet

**Fall**
- Mentorship Program
- Professional Development and Technical Skills Workshops
- Opportunity to meet other students with similar interests, classes, and goals
- See full schedule at [https://www.math.ucla.edu/~actuary/events.html](https://www.math.ucla.edu/~actuary/events.html)

**Winter**

**Spring**
BAS CAREER FAIR

In addition to our in-person career fair, we will also be hosting 4 days of a virtual career fair:

**IN-PERSON**
- Monday, October 4th (week 2) from 5 to 7:30pm
- Bruin Reception Room
- Opportunity to network with firm representatives

**VIRTUAL**
- Tuesday, October 5th to Thursday, October 7th (week 2) from 5 to 7:00pm
- Zoom details will be sent after RSVP
- Individual networking time after firm introductions

All students, including transfers and freshmen, are strongly encouraged to attend!
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

**SEPTEMBER**

<table>
<thead>
<tr>
<th>SUNDAY</th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
<th>SATURDAY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
</tr>
<tr>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
</tr>
<tr>
<td>Week 0</td>
<td></td>
<td></td>
<td>First General Meeting (Online)</td>
<td>First General Meeting + Resume Critique Deadline</td>
<td>Resume Book Submission Deadline</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Week 1</td>
<td>Career Fair Prep + Resume Workshop</td>
<td>Career Fair Prep + Resume Workshop</td>
<td>7 CSAA Info Session</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# TENTATIVE FALL SCHEDULE

## OCTOBER

<table>
<thead>
<tr>
<th>SUNDAY</th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
<th>SATURDAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

### Week 1
- Career Fair Prep + Resume Workshop
- Career Fair Prep + Resume Workshop
- CSAA Info Session

### Week 2
- Career Fair 4-8PM
- Virtual Career Fair
- Virtual Career Fair
- Virtual Career Fair
- Beam Dental Info Session

### Week 3
- Interviewing Workshop

### Week 4
- 17
- 18
- 19
- 20
- 21
- 22

### Week 5
- 24
- 25
- 26
- 27
- 28
- 29
- 30

**First-Year Workshop + International Workshop**

**Mentorship Mixer**

**Coaching Actuaries Workshop**
Relevant Majors and Minors
Financial Actuarial Mathematics

Pre-major
- Math 30 series (6 classes)
- 1 additional math class (11N, 42, 61, 70)
- 3 economics classes
- 1 management class
- 2 PIC classes

Major
- 10 math/statistics classes:
  - Probability
  - Financial math
  - Actuarial courses
- 2 electives
  - Economics
  - Stats
### 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>
Relevant Minors

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>
Actuarial Exams
Actuarial Exams

- Actuaries typically do not go to grad school
  - No more student debt 😊
- Instead, the actuarial career involves a series of around 10 exams
- It generally takes 5-10 years to complete
Actuarial Exams

The two actuarial organizations (SOA and CAS) require the same first three exams (until Nov 2022):

- P (Probability), FM (Financial Mathematics), IFM (Investment and Financial Markets)

SOA pathway changes:

<table>
<thead>
<tr>
<th>CURRENT</th>
<th>NEW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam P – 3 hours MC*</td>
<td>Exam P – 3 hours MC</td>
</tr>
<tr>
<td>Exam FM – 3 hours MC</td>
<td>Exam FM – 3 hours MC</td>
</tr>
<tr>
<td>Exam IFM – 3 hours MC</td>
<td>Exam removed</td>
</tr>
<tr>
<td>Exam LTAM – 4.25 hours MC and WA*</td>
<td>Exam FAM – 3.5 hours MC</td>
</tr>
<tr>
<td>Exam STAM – 3.5 hours MC</td>
<td>Exam ALTAM or ASTAM – 2.5-3.0 hours WA</td>
</tr>
</tbody>
</table>
Actuarial Exams

- Firms typically require at least one passed exam for internship or full-time positions
- The preliminary exams are 3-hour, multiple choice exams
- The recommended study time is 100 hours per hour of the exam (100 x 3 = 300 hours total)
- UCLA offers courses that cover all three of the above and more!
Joining BAS
Membership

Anybody can attend our workshops. All majors and all 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 workshops, interviewing workshops, 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
How to join

To become a general member

- Join the mailing list here: https://groups.google.com/forum/#!forum/bruinactuaries
- Click join group to subscribe to the BAS Google Group
- You may need to sign into your Google account first

To become a paid member also

- Fill out this form: https://forms.gle/KThCDTUbXBayaJ9PA
- The form contains payment details via Paypal or Venmo
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 not screw that up.
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 answerable 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.
BAS Website
Website: www.math.ucla.edu/~actuary

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

Actuarial Courses
List of UCLA actuarial courses and their relevant exams/VEEs

Handbook
Detailed guide on writing a resume, interviewing, taking actuarial exams, creating a 4-year plan, and more

Exams
Exam overview, study groups, and exam prep discounts
Follow BAS on Social Media!

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

Connect with us on LinkedIn and discover a network of fellow BAS members
www.linkedin.com/in/bruinactuaries/
Resume Book

- Student resumes are sent to all firms participating the Career Fair

- If you’d like yours to be included, submit it by **Saturday, 9/25 at 12PM (Noon)** here: [https://forms.gle/bVah77bVsroneHSz8](https://forms.gle/bVah77bVsroneHSz8)

- If you submit by **Friday, 9/24 at 10PM**, we will let you know by 9 AM if we are unable to include your resume for any reason.

  - Full details are available in the form
Thirteenth Annual Career Fair

10/4: 5:00PM-7:30PM Bruin Reception Room
10/5 – 10/7: 5:00PM – 7:00PM on Zoom

- One of the most important event from BAS
- Learn about different companies
  - We have more than 20 companies from different industries participating!
- Recruit for internship or full time position
  - Even if you are not recruiting now, firm representatives may remember your face for next year!
How do I attend the Career Fair?

- Become a paid member by filling out the form below by **8PM on Tuesday, 9/28**
  - [https://forms.gle/nJBDKg7RearASrSF7](https://forms.gle/nJBDKg7RearASrSF7)
- Attend one of our Career Fair Preparation workshop (**MANDATORY ATTENDANCE**)
  - **Monday, 9/27 6-7PM on Zoom**
  - **Tuesday, 9/28 6-7PM on Zoom**
- There is an optional Resume Workshop afterward at **7PM on Zoom**
- Come to the Career Fair in **Business Professional!**