Welcome to the College of Biological Sciences (CBS)!
Today’s Agenda

• Introductions
• Overview of Biology Academic Success Center (BASC)
• Expectations
• College of Biological Sciences Degree Requirements
• Important Advising Tools and Resources
• Fall 2019 Schedule Preparation
• Q&A
Biology Academic Success Center (BASC)

Mission: Empower College of Biological Sciences’ students to achieve their educational goals by encouraging: self-efficacy; the discovery of their own, unique academic path; and engagement within the College of Biological Sciences and the University of California, Davis communities.

Located in 1023 Sciences Lab Building (next to BioBrew)
Advising Tools and Resources: BASC Website

https://basc.biology.ucdavis.edu/
Additional BASC Advising Services

Faculty Advisors
- Associated with each CBS major
- Undergraduate research options
- Graduate program exploration and planning
- Career opportunities

Peer Advisors
- CBS students
- Course information and scheduling
- General Education requirements
- On-campus involvement and resources
Student Health and Counseling Services: Your College Counselor

Megan Brown, LCSW
mgnbrown@ucdavis.edu

Offices located within BASC and North Hall
Health Professions Advising (HPA)
hpa.ucdavis.edu

Health Professions Advising is your go-to place if you are planning to pursue a health profession or allied health field.

• One-on-One Advising
• Drop-In Hours
• Small and Large Group Sessions
Launch Mentor Collective

How does it work?

• Follow the instructions in the email you received about how to participate.

• Once you are registered, you will be asked to complete a survey asking about your background, interests, and what you are looking for in a mentor.

• Based on your answers, you will be connected with a CBS junior or senior, who has volunteered to help you learn the ropes at UC Davis.
Understanding Expectations

Time Management
- Approx. 15 in class hours/week; 2-3 outside of class hours per unit/week
- Attend office hours
- Make time for advising meetings (schedule appts. in advance)

Academic Planning
- Syllabus is a contract between you and instructor
- You arrange your schedule
- Plan to meet with BASC advisor, especially for first-year mandatory advising in the fall!

Responsibility
- Reach out for help
- Utilize campus resources and follow-up
- Meet with BASC advisor early

Seeking Help

Degree Requirements
- Track degree progress
- Use resources to understand requirements
- Confirm degree requirements with BASC advisor
# BASC Advising Related Expectations

<table>
<thead>
<tr>
<th><strong>Students</strong></th>
<th><strong>Advisors</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Reads UCD email daily; is aware of important deadlines</td>
<td>Shares opportunities and important deadlines</td>
</tr>
<tr>
<td>Schedules and attends <strong>First-Year Mandatory Advising</strong> before spring quarter enrollment</td>
<td>Provide safe and inclusive space for you; listens carefully to your questions and concerns</td>
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<tr>
<td>Prepares for advising meetings</td>
<td>Prepares for advising meetings</td>
</tr>
<tr>
<td>Regularly utilizes academic tools: OASIS, Schedule Builder, My Degree, Canvas</td>
<td>Encourages and guides curriculum exploration, understanding requirements, and utilization of advising tools and supportive services</td>
</tr>
<tr>
<td>Contacts advisor regularly</td>
<td>Accessible during advising hours</td>
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</table>
Biology Academic Success Center (BASC)

We will work together throughout your undergraduate experience!
College of Biological Sciences (CBS) Degree Requirements Structure

There's more to your degree than major requirements!

- Total Units: 180
- 15 units on average needed each quarter to total 180 units
College of Biological Sciences (CBS)
Degree Structure

- 73-125 units
- No major courses can be selected to take as P/NP
- Minimum 2.0 GPA in major coursework
College of Biological Sciences (CBS)
Degree Structure

- Entry-Level Writing Requirement
- American History and Institutions
- General Education (*Topical Breadth* - 52 units and *Core Literacies* - 35 units)
- Minimum 2.0 UC Davis cumulative GPA
College of Biological Sciences (CBS) Degree Structure

- English Composition (8 units)
- Foreign Language (for A.B. degrees)
- At least 64 upper division (100 level) units
- Minimum 2.0 GPA in major and depth (100 level) units
College of Biological Sciences (CBS) Degree Structure

- Exploration
- Study Abroad
- Minor(s) or Double Majors
- Graduate and Professional School Preparation
### General Education (GE) Review: Topical Breadth

#### Topical Breadth

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<tr>
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<tbody>
<tr>
<td></td>
<td>Any CBS major A.B. or B.S.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>20</td>
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</tbody>
</table>

- **12-20 units**
- **12-20 units**
- **12-20 units**

- **Satisfied**
- **Satisfied**
- **Satisfied**

\[(AH) \quad \text{units} + (SE) \quad \text{units} + (SS) \quad \text{units} = (52) \quad \text{units}\]

\[AH + SS = 32 \quad \text{units}! \quad \square \quad \text{Satisfied}\]
## General Education (GE) Review: Core Literacies

<table>
<thead>
<tr>
<th>Core Literacies</th>
<th>I. Literacy with Words &amp; Images (20 units)</th>
<th>II. Civic &amp; Cultural Literacy (9 units)</th>
<th>III. Quantitative Literacy (3 units) (QL)</th>
<th>IV. Scientific Literacy (3 units) (SL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. College English Composition Requirement:</td>
<td></td>
<td>a. American Cultures, Governance &amp; History (ACGH):</td>
<td>MAT or STA</td>
<td>BIS 101</td>
</tr>
<tr>
<td>8 units, or the equivalent</td>
<td></td>
<td></td>
<td>4</td>
<td>4</td>
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<tr>
<td>□ Satisfied</td>
<td></td>
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<tr>
<td>b. Writing Experience (WE): check major courses</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>6 units</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>□ Satisfied</td>
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<td></td>
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<tr>
<td>c. Oral Skills or Additional Writing Experience (OL/WE):</td>
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</tr>
<tr>
<td>BIS 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 units</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>□ Satisfied</td>
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<td></td>
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<tr>
<td>d. Visual Literacy (VL):</td>
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</tr>
<tr>
<td>BIS 2</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>3 units</td>
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<tr>
<td>□ Satisfied</td>
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**College English Composition Requirement:**

- All courses used to satisfy this English Composition Requirement may not be used simultaneously for any other GE requirement (broad or core literacy).

A. Complete 8 units total, 4 of which must be upper division, with at least a C- or Passed grade from the following list:

- Lower Division: COM 1–4; ENL 3; UWP 1 (excluding 1Y or 1Y1), 18, 19; NAS 5
- Upper Division: UWP 101, 102 series or 104 series

OR:

B. Pass the English Composition Exam after completion of 70 units.

**Remaining GE Requirements:**

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NOTE: If you have completed a partial or full IGETC, please consult with a BASC advisor.
## Fall 2019 Scheduling Preparation: Math Placement

<table>
<thead>
<tr>
<th>Course</th>
<th>Math Placement Exam Total Score</th>
<th>with</th>
<th>Trigonometry Sub-Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 12</td>
<td>25 or more</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAT 16A</td>
<td>30 or more</td>
<td>with</td>
<td>2 or more</td>
</tr>
<tr>
<td>MAT 17A</td>
<td>30 or more</td>
<td>with</td>
<td>2 or more</td>
</tr>
<tr>
<td>MAT 21A</td>
<td>35 or more</td>
<td>with</td>
<td>3 or more</td>
</tr>
<tr>
<td>MAT 21M*</td>
<td>40 or more</td>
<td>with</td>
<td>3 or more</td>
</tr>
</tbody>
</table>

CBS does not recommend skipping MAT 17A/21A with a passing AP score.
- AP classes do NOT reflect the same rigor as UCD math classes
Fall 2019 Scheduling Preparation: Chemistry Placement

- UCD Chemistry Placement Exam score of 24+ on first attempt
  - Enroll in CHE 2A
  - OR CHE 2AH (if 33+ or higher)
  - Meets criteria

- Preparatory Path 1: Complete ALEKS 100% Mastery Recommended
  - Eligible to retake UCD Chemistry Placement Exam
  - Score of 24+

- Preparatory Path 2: Complete WLD 41C with C or higher
  - Does not meet criteria
  - Meet with your advisor
## Fall 2019 Scheduling Preparation: Ways to Satisfy ELWR

<table>
<thead>
<tr>
<th>ACT</th>
<th>SAT</th>
<th>AP</th>
<th>IB</th>
<th>AWPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>30+ English Language Arts OR</td>
<td>680+ Evidence-Based Reading and Writing OR 680+ Reasoning Test, Writing</td>
<td>3+ on either AP Exam in English (Language and Composition or Literature and Composition)</td>
<td>5 or 6 on IB Standard or Higher Level English A: Literature Exam OR 5 or 6 on IB Standard or Higher Level English A: Language and Literature exam</td>
<td>Passing score on the Analytical Writing Placement Exam</td>
</tr>
<tr>
<td>30+ Combined English/Writing</td>
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</table>

**NOTE:** A grade of C or higher in an acceptable English composition course offered by a college or university (must be completed prior to entering UC) will also satisfy ELWR
Fall 2019 Scheduling Preparation: BioLaunch Program (BIS 5 Seminar)

https://biology.ucdavis.edu/biolaunch/course

• Fall only low-intensity course for first-year students

• Become familiar with CBS and learn about career paths and opportunities from guest lecturers, including professors and researchers

• 5 Fall Sections Available
  – CRN 63958  Mon. 4:10-5pm
  – CRN 34302  Wed. 4:10-5pm
  – CRN 34303  Wed. 5:10-6pm
  – CRN 63959  Fri. 9-9:50am
  – CRN 63960  Fri. 10-10:50am

Consider enrollment in BIS 005!
Fall 2019 Scheduling Preparation: What types of courses should I take?

**PLAN A**
- Major Course
- Major Course
- GE
  - If ELWR is not satisfied, ELWR course; If satisfied, Lower Division Composition or GE
- BIS 5 or First Year Seminar
- APPROX. UNITS: 15

**PLAN B**
- Major Course
- GE
- GE
  - If ELWR is not satisfied, ELWR course; If satisfied, Lower Division Composition or GE
- BIS 5 or First Year Seminar
- APPROX. UNITS: 15

**PLAN C**
- GE
- GE
- GE
  - If ELWR is not satisfied, ELWR course; If satisfied, Lower Division Composition or GE
- Non-Major or GE
- BIS 5 or First Year Seminar
- APPROX. UNITS: 15
Fall 2019 Scheduling Preparation: How many units should I take?

- **Full-time** requires minimum of **12 units**
- **Minimum progress (MP)** requires **12 units** to be completed each quarter (36 units/year)
  - Workload (WLD) classes count toward both full-time status and minimum progress, but not toward 180 units needed for degree
- **UC Davis Expected Progress Recommendation:**
  - Average of **15 units** per quarter to total 180 minimum degree completion units
Fall 2019 Scheduling Preparation: CBS Core Curriculum

Same preparatory courses for all CBS Bachelor of Science degrees

Organic Chemistry and Physics differ by major and career interests

MATH (MAT)
- 17A, 17B, and 17C (or 21A and 21B)

GENERAL CHEMISTRY (CHE)
- 2A, 2B, and 2C

BIOLOGY (BIS)
- 2B, 2C, and 2A

ORGANIC CHEMISTRY (CHE)
- 8A and 8B OR 118A, 118B, and 118C (128ABC and 129AB also accepted)

PHYSICS (PHY)
- 7A, 7B, and 7C (or 9ABC)
Fall 2019 Scheduling Preparation: Recommended Major Courses

Biochemistry and Molecular Biology (BMB)
Cell Biology (CBI)
Genetics and Genomics (GGN)
Neurobiology, Physiology, and Behavior (NPB)
Undeclared Life Sciences (ULS)

Chemistry (CHE)- WLD 41C or CHE 2A
Math (MAT)- WLD 55M, MAT 12, MAT 17A, or MAT 21A

Biological Sciences (BIS)
Evolution, Ecology, and Biodiversity (EEB)
Marine and Coastal Science (MCS)
Microbiology (MIC)
Plant Biology (PLB)

Chemistry (CHE)- WLD 41C or CHE 2A
Biology (BIS)- BIS 2B
If received 4 or 5 for AP Chem., may take BIS 2A
Advising Tools and Resources:
Using Schedule Builder to Find GEs

https://my.ucdavis.edu/schedulebuilder

1) Select “Fall 2019 Quarter” after logging into Schedule Builder

2) Select “Add/Search for Courses”

3) Select “Show Advanced Options”
Advising Tools and Resources: Using Schedule Builder to Find GEs

Course/CRN/Title:
eg. ASA 001 or 52070 or Physics

Subject:

INSTRUCTOR (First or Last Name):
eg. Jane or Doe

Course Level: 

Units:

Meeting on:
Mon □ Tues □ Wed □ Thurs □ Fri □ Sat □

Starting:   
Ending:   

Meeting Type:
ALL Meeting Types

Include:
ALL Courses

Former GE Options (Prior to Fall 2011):
Topical Breadth:
☐ AH (Arts & Hum)
☐ SE (Sci & Eng)
☐ SS (Social Sci)

Other Requirements:
☐ D (Diversity)
☐ W (Writing)

New GE Options:
Topical Breadth:
☐ AH (Arts & Hum)
☐ SE (Sci & Eng)
☐ SS (Social Sci)

Core Literacies:
☐ ACGH (Amer Culti, Gov, Hist)
☐ DD (Domestic Diversity)
☐ OL (Oral Lit)
☐ QL (Quantitative Lit)
☐ SL (Scientific Lit)
☐ VL (Visual Lit)
☐ WC (World Cultr)
☐ WE (Writing Exp)
Advising Tools and Resources: Registration and Quarter Dates & Deadlines Calendar

[https://registrar.ucdavis.edu/calendar](https://registrar.ucdavis.edu/calendar)

Important Fall 2019 Dates:

- **August 26-September 6**: Fall 2019 Registration Pass 2 Appointments
- **October 8**: 10th Day of Instruction (10 Day Drop Deadline and Late Fee Payment Deadline)
- **October 22**: 20th Day of Instruction (20 Day Drop Deadline)
- **October 29**: 25th Day of Instruction (Last day to opt to take a class P/NP—REMINDER: NO MAJOR COURSES CAN BE TAKEN P/NP)

Seek BASC Advising Assistance Early and Often!
Your Future is Bright in CBS!

For 1-2 unit and GE course lists, please go to:
https://basc.biology.ucdavis.edu/newly