**Instructor**
Dr. Lily Arias
larias@illinois.edu
Student hours: By appointment
Single Zoom link for lecture and student hours held by instructor: See Moodle
Only students registered in the class will be allowed to join the Zoom sessions

**Teaching Assistants**
William Montag (Lab TA)
montag2@illinois.edu
Lab sections: ABD, ABJ
Student hours: 2-3 pm M and 9-10 am R

Katherine Strailey (Lab TA)
ks26@illinois.edu
Lab sections: ABH, ABL
Student hours: 9-10 am W and F

Lisa Surber (Lecture and lab TA)
lsurber2@illinois.edu
Lab sections: ABE
Student hours: 3-4 pm R

**Course information**
Course website: [IB 104 F20 Moodle site](#)
Lecture Time: 11-11:50 am MWF
Credit: 4 hours

**Required text and materials**
1. Biology 2e. Free-access textbook: [Free textbook!](#)
   View online or download PDF
2. Lab handouts will be available in Moodle each week
3. UIUC Google account [Google account](#)

Please note that the information in this syllabus may be subject to change. Students will be notified in advance of any changes.
Introduction to IB 104 Animal Biology
Animal Biology is an introductory biology course that focuses on the fundamentals of anatomy, physiology, genetics, evolution, diversity, ecology, and behavior.

Student learning outcomes
After taking this course you should be able to:
Understand the fundamentals of animal anatomy, physiology, genetics, evolution, diversity, ecology, and behavior.
Use critical thinking skills to solve problems
Evaluate and distinguish between true and false information displayed on the news or social media.
Use the scientific method approach to evaluate situations occurring in our daily lives
Work individually and in groups to complete activities.
Plot and interpret different types of graphs.

Course structure
IB 104 is a four-hour credit course and it contains both lecture and lab components. You are expected to spend 8 hours per week outside of class working on lecture and lab materials. Actual time commitments will vary depending on your input, needs, and personal study habits.

Course components

Pre-lecture quizzes
Students will read assigned pages on the textbook before coming to class. Pre-lecture quizzes will evaluate student’s preparation with basic questions. Quizzes will close before class starts. Each quiz is worth 5 pts.

In-lecture Participation
Every lecture there will be activities and/or questions. To complete these activities you will work individually or in small groups. Each lecture, students will get 4 points for submitting their answers regardless of whether they are correct or not.

Homework
There will be 12 weekly homework assignments on Moodle. Each is worth 10 points. Homework will open on Monday 00:00 AM and close on Sunday 11:59 PM.

Exams
You must take all three exams. Exams will cover lecture and lab material and homework. If you have a conflict or a personal emergency, you must provide proper documentation to be allowed to take a make-up exam. Exams will be proctored and more information will be available on the Moodle course site.
The final exam is cumulative and optional. Only students that wish to improve their grades will take it. The grade on this final exam will replace the average of the three semester exam scores.

**Labs**

There will be 14 weekly labs. Work submitted each week is worth 20 points and the discussion of graphs is worth 5 points, except for a couple of weeks, see “Lab structure” below. If you miss a lab, you may attend another lab section during the same week, if the TAs from both sections approve it. If you miss a lab and can’t make it up, you may submit your late work if you provide documentation that shows that your absence was due to an unavoidable emergency.

**Grade distribution**

The lecture component will comprise 70% of your final grade, and the laboratory component will comprise 30%.

<table>
<thead>
<tr>
<th>Course Component</th>
<th>Points</th>
<th>Percent</th>
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</thead>
<tbody>
<tr>
<td>Participation (38 lectures x 4 pts. each)</td>
<td>152</td>
<td>15.20%</td>
</tr>
<tr>
<td>Pre-lecture quizzes (37 lectures x 5 pts. each)</td>
<td>185</td>
<td>18.5%</td>
</tr>
<tr>
<td>Homework (12 weeks x 10 pts. each)</td>
<td>120</td>
<td>12.0%</td>
</tr>
<tr>
<td>Exam 1</td>
<td>81</td>
<td>8.10%</td>
</tr>
<tr>
<td>Exam 2</td>
<td>81</td>
<td>8.10%</td>
</tr>
<tr>
<td>Exam 3</td>
<td>81</td>
<td>8.10%</td>
</tr>
<tr>
<td>Labs</td>
<td>300</td>
<td>30.00%</td>
</tr>
<tr>
<td>Course Total</td>
<td>1000</td>
<td>100.00%</td>
</tr>
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</table>

**Lab structure**

<table>
<thead>
<tr>
<th>Week</th>
<th>Worksheets</th>
<th>Skills</th>
<th>Total</th>
</tr>
</thead>
</table>

Week 1 10 0 10
Week 2 15 5 20
Week 3 15 5 20
Week 4 15 5 20
Week 5 15 5 20
Week 6 15 5 20
Week 7 15 5 20
Week 8 15 5 20
Week 9 15 5 20
Week 10 15 5 20
Week 11 0 0 0
Week 12 55 0 55
Week 13 15 0 15
Week 14 15 5 20
Lab Total 300

Grading scale

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>97-100</td>
<td>A+</td>
</tr>
<tr>
<td>94-96.5</td>
<td>A</td>
</tr>
</tbody>
</table>
Remote instruction statement
Because of the continued remote instruction requirement due to the COVID-19 pandemic, this course will use Zoom for some synchronous (“real time”) class meetings.

Things to know About Zoom:
- You must sign in to my Zoom session using your UIUC ID and password.
- The Zoom sessions are recorded.
- Improper classroom behavior is not tolerated within Zoom sessions and may result in disciplinary actions taken.
- Lecture and lab videos will be captioned before being posted.

Absences
Attendance in lectures and labs is mandatory. In order to make up missed work students need to provide documentation that proves that the absences were due to an unavoidable emergency (but see Make-up work policy below). For planned absences, students must make arrangements with the instructors prior to the event.

Make-up work policy
Students are allowed to re-do up to three quizzes, three in-class graded activities, three homework assignments, and get an extension in three lab worksheets for better scores without the need of submitting an excuse. Communicate with the lecture and lab TA as soon as possible to arrange the details of this make-up work.

Inclusivity Statement
The effectiveness of this course is dependent upon the creation of an encouraging and safe classroom environment. Exclusionary, offensive or harmful speech (such as racism, sexism, homophobia, transphobia, etc.) will not be tolerated and in some cases will be subject to University harassment procedures. We are all responsible for creating a positive and safe environment that allows all students equal respect and comfort. I expect each of you to help establish and maintain an environment where you and your peers can contribute without fear of ridicule or intolerant or offensive language.

Student Accommodations
Students with disabilities who require assistance to participate in this class must provide the instructor with the Letter for Academic accommodations drafted by the DRES staff. The instructor will assist with the provision of accommodations when reasonable and necessary. Follow this link to learn more about students accommodations and DRES: https://www.disability.illinois.edu/academic-supports/accommodations/academic-accommodations

To obtain disability-related academic adjustments and/or auxiliary aids, students with disabilities must contact the course instructor and the Disability Resources and Educational Services (DRES) as soon as possible. To contact DRES, you may visit 1207 S. Oak St., Champaign, call 333-4603, email disability@illinois.edu or go to the DRES website. If you are concerned you have a disability related condition that is impacting your academic progress, there are academic screening appointments available on campus that can help diagnosis a previously undiagnosed disability by visiting the DRES website and selecting “Sign-Up for an Academic Screening” at the bottom of the page. If you are interested in obtaining information to improve writing, study skills, time management or organization, the following campus resources are available to all students: Writer’s Workshop Undergrad Library 217-333-8796

Academic Integrity
It is the responsibility of each student to refrain from infractions of academic integrity, from conduct that may lead to suspicion of such infractions, and from conduct that aids others in such infractions. Follow this link to learn what behaviors are considered infractions to the academic integrity policies: https://studentcode.illinois.edu/article1/part4/1-402/