

Dear Developmental Biology students,

Spring quarter is coming up, and I am so excited to begin teaching the program and working with each of you! I'm writing with some information about the program logistics. Please read through the entire letter. In addition, please visit our Canvas site for week 1 readings and other important information.

Weekly Schedule:

This program meets fully in-person except for Week 2 which will be remote.

Monday	Tuesday	Wednesday	Thursday	Friday
9:00 – 12:00 Purce Hall 2 Cell/Molecular	NO CLASS ☺	9:00 – 3:00 Lab 1 2046	9:00 – 12:00 Purce Hall 2 Cell/Molecular	NO CLASS ☺
LUNCH			LUNCH	
1:00-3:00 Purce Hall 2 Development			1:00-3:00 Purce Hall 2 Development	

- M/Th mornings will be Cell and Molecular biology
- M/Th afternoons will be Developmental biology
- Wednesday lab times will vary from week to week depending on what we are doing. Some labs will use the entire 6-hour block while others may end before noon.
- Week 2 will be taught online as Nancy will be at a conference.

1st Assignment!

- I have posted a 'Getting to Know You' assignment that is **due on Friday of Week 1**. You can access it via the Canvas Modules Misc Information link.

Textbooks

Both texts are e-books as the publisher offers a much lower cost than a print edition.

- *The Cell: A Molecular Approach* 9the by Cooper, et al.
 - E-book ISBN: 9780197583913
 - Print ISBN: 9780197583722
- *Principles of Development* 7the by Wolpert, Tickle, and Martinez-Arias
 - Print (paperback) ISBN: 9780192896612
 - E-book ISBN: 9780192649836
- You will be given a lab notebook to use so please do not purchase one.

*You can use an older edition to save on cost but you will be responsible for determining equivalent reading pages.

Assessment

- **Weekly Quizzes:** We will have 2 quizzes each week. These are designed to help you keep on top of the material in smaller, more digestible chunks and to keep you on track for the midterm and final exams. On Thursdays we will have a cell/molecular biology quiz and on Mondays we will have a developmental biology quiz. For both quizzes, I will post a 'Things to Know' document on the Canvas site.
- **Midterm and Final Exams:** there will be a midterm exam and a final exam for both the cell/molecular biology and developmental biology parts of the program.

- **Workshops:** There will be group workshops each week (cell/molecular and developmental biology). Workshops typically have more in-depth, problem-solving types of questions. The expectation is that you discuss the questions with your group. I am a firm believer that if you can explain something to someone else, that's how you demonstrate understanding and mastery of difficult concepts. All students are expected to fully engage in the problem-solving aspects of the workshops. Workshops are not turned in and are not graded. The answers to workshop problems will be posted on the Canvas site each week.
- **Seminar:** WE will have seminars on topics related to the topic at hand. Dates for the seminars will be available in Canvas. We will not have seminar each week.
- **Synthesis Homework:** Homework will be assigned for cell/molecular and developmental each week. Homework will consist of not only problems but also something I call, 'Connections and Reflection'. In the Connection part of the homework, I will ask you to think about links you're making across the entire program's material. Reflection will ask you to do exactly that – to reflect on what you're learning, what's challenging, etc. Homework will be graded not on whether you answer the questions correctly but in that you attempt to answer them. You will receive 2 pts for a complete homework, 1 for partially complete, and a 0 for no homework.
- **Laboratory:** We will have lab in weeks 1 and 3-9. **You must show up on-time, prepared, and ready to work collaboratively and safely.** Any pre-lab assignment MUST be done to participate. You will be expected to maintain a lab notebook documenting your experimental work. Nancy will provide a lab notebook for you and review guidelines on how to keep a proper scientific lab notebook.

Readiness

- My expectation is that you have a good working knowledge of general biology (especially cell and molecular). I have posted a set of my handwritten notes from teaching biology as part of Integrated Natural Sciences. For those of you who might be a bit rusty in your general biology knowledge, these make a nice quick reference tool. And general working knowledge of general chemistry too!

That's about all you need to know at this point. Please don't hesitate to contact me should you have any questions or concerns. See you at 9 am sharp on Monday, March 30th in Purce Hall #2.

Nancy

