

GENERAL INFORMATION

PROFESSOR INFORMATION



Instructor: Camila Granados-Cifuentes
Phone: (305) 348-7531
Office: OE-224
Office Hours: By Appointment
E-mail: camgrana@fiu.edu

Please email me through the message service of Canvas and use a few, descriptive words in the subject line (for example, "Connect not loading"). I will only read emails sent to my email if you cannot access Canvas and that's your issue. Otherwise, please use only the message service of Canvas.

While Internet allows us to send messages instantaneously, we are not always able to access our email/Canvas in a similar fashion. My guarantee to you is that I will respond to you within 24-48 hours as long as it is send between 8am-5pm EST and excluding weekends. Messages sent after 5pm EST, before 8am EST, during weekends, U.S. holidays, or when the university is closed will not be responded. If you don't hear back from me, please feel free to send a follow up message, again during 8am-5pm EST business days and when the university is open.

Please use best practices when communicating with me. Please remember you are contacting a professor. Therefore, courtesy matters even more. Please address your message by a courteous greeting, such as "Dear Dr. Granados-Cifuentes" or "Good morning, Professor Granados-Cifuentes". I will not reply to your message(s) if you fail to include a courteous greeting in it.

Last, but certainly not least, do not forget using the two kindest phrases in English: "please" and "thank you"

COURSE DESCRIPTION AND PURPOSE

Human Genetics is the field that specializes on understanding and applying the knowledge gain across different disciplines to our own species. It will help you apply concepts previously learned in other courses, particularly Genetics, and apply them to a more related species: our own. My goal is to empower you having a deeper knowledge on the genetics of our own bodies and perhaps inspire some of you to pursue a career in this magnificent field.

COURSE OBJECTIVES

The course has the goal of providing a strong foundation for examining, analyzing, and addressing genetics focusing on humans. This course has the following learning outcomes:

1. Students will be able to explain human ancestry and evolution.

2. Students will be able to compare and contrast DNA, genes, and proteins emphasizing in the human genome.
3. Students will be able to apply transmission genetics to human cases.
4. Students will be able to categorize, describe, and choose genetic technology to study human genetics.
5. Students will be able to discuss the role of immunity and cancer in human genetics.

COURSE AWARDS

IMPORTANT INFORMATION

POLICIES

Please review the [FIU's Policies](#) webpage. The policies webpage contains essential information regarding guidelines relevant to all courses at FIU, as well as additional information about acceptable netiquette for online courses.

As a member of the FIU community you are expected to be knowledgeable about the behavioral expectations set forth in the [FIU Student Code of Conduct](#).

I will only fill out evaluation forms or write recommendation letter to students who assisted or are assisting me as LA or PLTL.

I attempt to provide excellent instruction in a manner that is fair to all students. However, if you believe that you have not been dealt with fairly or that instruction has been inadequate, procedures exist for handling grievances:

- First, speak with me!! Perhaps I am unaware that a problem exists. Speaking with me may provide a satisfactory explanation to resolve the problem or make adjustments to accommodate special needs.
- Second, if the problem is not or cannot be resolved with me, speak with the department head or chair person.
- Finally, if the problem still cannot be resolved, speak with the Dean of Students.

Academic Misconduct policies and procedures will be strictly enforced regarding cheating (read below). Anyone caught cheating in any way, shape, or form will be given an "F" for the whole course and a petition will be sent to Academic Affairs. NO EXCEPTIONS.

TECHNICAL REQUIREMENTS AND SKILLS

Please set aside a little bit of time these first days of the semester to familiarize with the organization of the course in Canvas and McGraw-Hill Connect.

One of the greatest barriers to taking an online course is a lack of basic computer literacy. By computer literacy we mean being able to manage and organize computer files efficiently, and learning to use your computer's operating system and software quickly and easily. Keep in mind that this is not a computer literacy course; but students enrolled in online courses are expected to have moderate proficiency using a computer. Please go to the "[What's Required](#)" webpage to find out more information on this subject.

Please visit our [Technical Requirements](#) webpage for additional information.

ACCESSIBILITY AND ACCOMMODATION

The Disability Resource Center collaborates with students, faculty, staff, and community members to create diverse learning environments that are usable, equitable, inclusive and sustainable. The DRC provides FIU students with disabilities the necessary support to successfully complete their education and participate in activities available to all students. If you have a diagnosed disability and plan to utilize academic accommodations, please contact the Center at 305-348-3532 or visit them at the Graham Center GC 190.

Please visit our [ADA Compliance](#) webpage for information about accessibility involving the tools used in this course.

Please visit the LMS Accessibility webpage for more information:

- [Canvas](#)

For additional assistance please contact FIU's [Disability Resource Center](#).

ACADEMIC MISCONDUCT STATEMENT

Florida International University is a community dedicated to generating and imparting knowledge through excellent teaching and research, the rigorous and respectful exchange of ideas and community service. All students should respect the right of others to have an equitable opportunity to learn and honestly to demonstrate the quality of their learning. Therefore, all students are expected to adhere to a standard of academic conduct, which demonstrates respect for themselves, their fellow students, and the educational mission of the University. All students are deemed by the University to understand that if they are found responsible for academic misconduct, they will be subject to the Academic Misconduct procedures and sanctions, as outlined in the Student Handbook.

Academic Misconduct includes: **Cheating** – The unauthorized use of books, notes, aids, electronic sources; or assistance from another person with respect to examinations, course assignments, field service reports, class recitations; or the unauthorized possession of examination papers or course materials, whether originally authorized or not. **Plagiarism** – The use and appropriation of another's work without any indication of the source and the representation of such work as the student's own. Any student who fails to give credit for ideas, expressions or materials taken from another source, including internet sources, is responsible for plagiarism.

Learn more about the [academic integrity policies and procedures](#) as well as [student resources](#) that can help you prepare for a successful semester.

COURSE PREREQUISITES

PCB3063

PROCTORED EXAM POLICY

[Proctored Exam Policy](#)

TEXTBOOK



Human Genetics: Concepts and Applications

Ricki Lewis

McGraw-Hill Ed, 12 ed, 2017

ISBN: 9781259937019 This is the ISBN you want to use so that you get the publisher's bundle of the ebook + Connect for \$85.

You may purchase your textbook online at the [FIU Bookstore](#).

You need to have access to McGraw-Hill Connect platform.

*Additional reading may include scientific articles that will be posted on Canvas in PDF format. These additional readings will be testable material on lecture exams!

EXPECTATIONS OF THIS COURSE

This is an online course, which means most (if not all) of the course work will be conducted online. Expectations for performance in an online course are the same for a traditional course. In fact, online courses require a degree of self-motivation, self-discipline, and technology skills which can make these courses more demanding for some students.

It is crucial that you follow along the schedule. My recommendation is that you take a moment right now to save the activities and deadlines in your calendar. Go ahead. I'll wait... Good, now that that's been taken care of, let's continue.

Expectations students can have for instructor: I grade assignments within a week of submission. You will be able to see your grade and feedback. I will be accessing Canvas frequently, so you can expect to "see" me online as well. However, I reduce my online access, grading, replying emails, etc. over the weekend. I also follow FIU's academic calendar. Therefore, I restrict my access online when the university is closed and during holidays.

COURSE DETAIL

COURSE COMMUNICATION

If you are having an issue with a topic, I strongly encourage you to share it through the Discussion board. Perhaps that might be a fellow classmate with the same question. And what's better, you might be the classmate that understands the topic and will be able explain it to the rest of the class. Or perhaps you found an amazing resource that helped you and you want to share it with the rest of the group. The discussion board will be the place to go.

If you need to communicate directly with me, please send me a message through the message service of Canvas. Please **DO NOT** send me an email.

DISCUSSION FORUMS

Keep in mind that your discussion forum postings will likely be seen by other members of the course. Care should be taken when determining what to post.

ASSESSMENTS

In order to mitigate any issues with your computer and online assessments, it is very important that you take the "Practice Quiz" from each computer you will be using to take your graded quizzes and exams. It is your responsibility to make sure your computer meets the minimum [hardware requirements](#).

Assessments in this course are not compatible with mobile devices and should not be taken through a mobile phone or a tablet. If you need further assistance, please contact [FIU Online Support Services](#).

ASSIGNMENTS

Course project: You will be developing a course project throughout the semester. The course project will be a choice of your topic within human genetics (see Schedule for topic selection deadline). Content from every project **WILL BE INCLUDED** in Exam 4.

- Topics will be given on a first come, first serve basis. Your project should answer the following three questions:
 1. What is your topic about?
 2. What is its scientific relevance?
 3. Why did you find this topic interesting?

The project has three parts:

- 1) You will have to write a progress report of your project.
- 2) You will have to create a 3-5 min video explaining the topic. You will be submitting this video as a reply on the Discussion board. Be creative!
- 3) You will have to post a summary of your project, in bullet form, on the Discussion board. You could add it in addition to the video, but it will be graded separately.

See Grades and Schedule below for percentage grade and deadlines, respectively. You can also check the Rubrics module to check the rubrics for each of these three parts.

PowerPoint presentations, videos, and/or other material is available on Canvas per module, which is organized by week. Additional readings required for a particular week will also be available here.

Complementary resources will be available in each week under the headline "Complementary resources for this week".

This course is designed to be completed in a sequential order. You will not be able to skip weeks.

You will have a **LearnSmart (LS) modules on Connect** (see Schedule below). These assignments will be available as long as you complete the previous module and they are due **Thursdays (unless otherwise specified) end of the day (11:55 pm) EST** as specified in the schedule (See below).

Additional **assignments on Connect** will also be available as long as you complete the previous module. They are due **Mondays (unless otherwise specified), end of the day (11:55 pm) EST**. You will have two attempts per assignment with a 10% deduction for the second attempt. However, I will save the highest score. Late submissions will receive a 5% penalty per day. I encourage you to complete the assignment, as getting a penalty is better than a 0.

Exams will be delivered on Canvas on the corresponding date. You will have until **the end of the day (11:55 pm) EST** of the corresponding date to submit your exam. Exam will be available the entire day, but you will have a time limit of 60 minutes once you begin. You will be taking the exams using HonorLock. Please make sure you take the Practice Quiz with HonorLock so that you become familiar with the system. You must complete this Practice Quiz before taking the first exam. ALL exams are CUMULATIVE.

Late submissions of an exam or assignments related with the Course Project will result in a grade of zero (0) – absolutely no extensions and no excuses!

ADOBE CONNECT PRO MEETING

We will be using Adobe Connect Pro Meeting for office hours.

GRADING

The table below shows the activity types contained within this course and the assigned percentage to determine the final course grade.

Course Requirements	Number of Items	Points for Each	Total Points Available	Weight
Assignments on Connect	12	50	600	20%
LearnSmart assignments on Connect	10	50	500	20%
Course Project Progress Report	1	100	50	5%
Course Project Video	1	100	100	10%
Course Project post on Discussion board on Canvas	1	25	25	5%
Exams	3	100	300	40%
Total		N/A	1000	100%

There is no make up for missed assignments. There are no make-up exams.

Letter grades are on a 10-point scale (Except for an “A” grade, NO pluses/minuses, or incompletes). I do not curve. Grades are not negotiable. I do not round up or down! Here’s the breakdown:

Letter	Range (%)	Letter	Range (%)	Letter	Range (%)
A	95 or above	B	80 - 89	D	60 - 69
A-	90 - 94	C	70 - 79	F	59 or less

Note: These ranges are subject to change.

COURSE CALENDAR

WEEKLY SCHEDULE

Summer C 2018	Tasks
Week 1 May 7-13	Syllabus Chapter 1: What Is in a Human Genome?

Connect:

- *LearnSmart Ch1 due Monday, May 14*
- *Assignment Ch1 due Monday, May 14*

Week 2
May 14-20

May 14 Add/Drop Deadline

Chapter 4: Single-Gene Inheritance

Connect:

- *LearnSmart Ch4 due Thursday, May 17*

Connect:

- *Assignment Ch4 due Monday, May 21*

Chapter 5: Beyond Mendel's Laws

Connect:

- *LearnSmart Ch5 due Thursday, May 24*
- *Assignment Ch5 due Thursday, May 24 (**notice the assignment **Thursday** deadline)*

Project Topic decision deadline: Thursday, May 24: send me a message with the topic you selected for approval

Week 3
May 21-27

Chapter 6: Matters of Sex; Chapter 7: Multifactorial Traits

Week 4
May 28 - June 3

May 28 Memorial Day University
Closed

Connect:

- *LearnSmart Ch6 due Thursday, May 31*
- *LearnSmart Ch7 due Thursday, May 31*

Connect:

- *Assignment Ch6 due Monday, Jun 4*
- *Assignment Ch7 due Monday, Jun 4*

Week 5
June 4-10

EXAM 1 THURSDAY JUNE 7: covers up to June 4 content

Chapter 8: Genetics of Behavior (**notice that there is no LearnSmart assignment for Ch8)

Connect:

- *Assignment Ch8 due Monday, Jun 11*

Week 6
June 11-17

PROJECT PROGRESS DUE: MONDAY, JUN 11

Chapter 16: Human Ancestry and Evolution

Connect:

- LearnSmart Ch16 due Thursday, Jun 14

Connect:

- Assignment Ch16 due Monday, Jun 18

Week 7
June 18-24

Chapter 17: Genetics of Immunity

Connect:

- LearnSmart Ch17 due Thursday, Jun 21

Connect:

- Assignment Ch17 due Monday, Jun 25

Week 8
June 25 - July 1

EXAM 2 THURSDAY JUN 28: covers up to June 25 content

June 25 Last day to drop with DR/WI

Chapter 18: Cancer Genetics and Genomics (**notice that there is no LearnSmart assignment for Ch18)

Connect:

- Assignment Ch18 due Monday, Jul 2

Week 9
July 2-8

Chapter 20: Genetic Testing and Treatment

July 4th - Independence Day
University Closed

Connect:

- LearnSmart Ch20 due Thursday, Jul 5

Connect:

- Assignment Ch20 due Monday, Jul 9

Week 10
July 9-15

Chapter 21: Reproductive Technologies

Connect:

- LearnSmart Ch21 due Thursday, Jul 12

Connect:

- Assignment Ch21 due Monday, Jul 16

Week 11
July 16-22

PROJECT VIDEO DUE: Monday, JUL 16

PROJECT DISCUSSION POST DUE: Monday, JUL 16

Chapter 22: Genomics

Connect:

- *LearnSmart Ch22 due Thursday, Jul 19*

Connect:

Week 12
July 23 - July 27

- *Assignment Ch22 due Monday, Jul 23*

EXAM 3 THURSDAY JUL 26: covers up to July 23 content

Good luck in your course

**** I reserve the right to modify this syllabus as needed**