

Response Rate

Students Enrolled is displayed below as Invited
Students Responded is displayed below as Responded
Response Rate is displayed below as Response Ratio

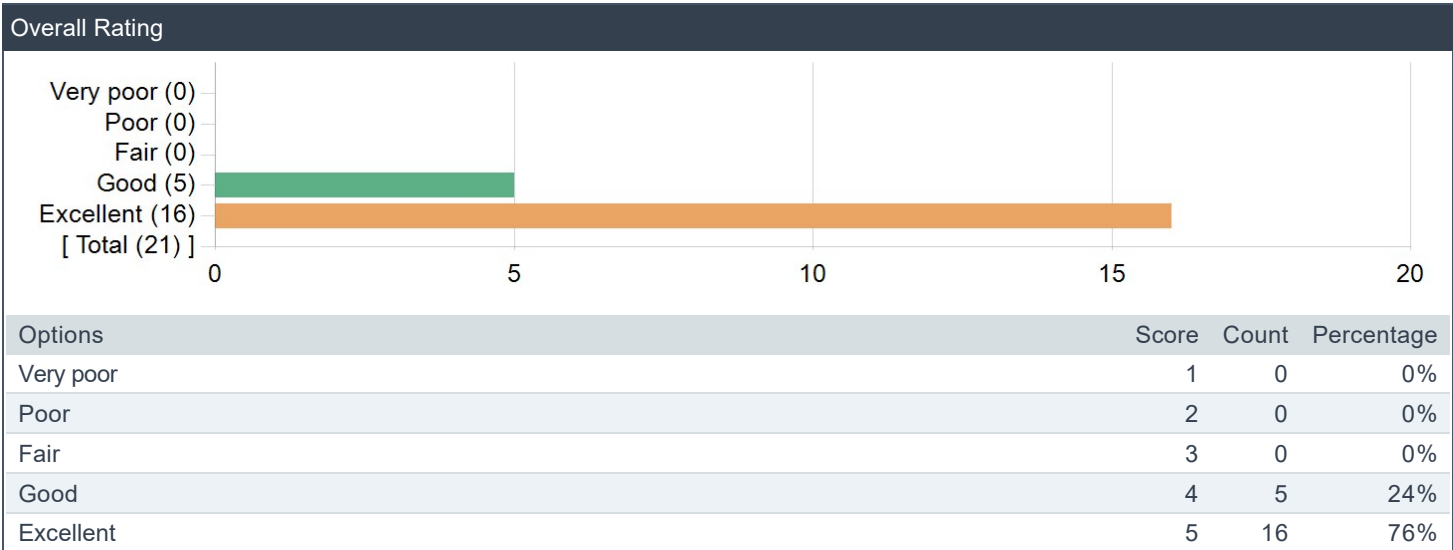
Raters	students
Responded	21
Invited	29
Response Ratio	72%

Instructors and Teaching Fellows included in this report *

First Name	Last Name	Role
Alkes	Price	Course Head
Annabel	Perry	Teaching Fellow
Buu	Truong	Teaching Fellow

Overall Course Rating

Question	Course Average (SPH-EPI 511- Advanced Population & Med Genetics 1)	Dept Average, current term (EPI)
	Mean	Mean
Overall Rating	4.8	4.3



Course Ratings

Please answer the following questions about the course

Question	Course Average (SPH-EPI 511- Advanced Population & Med Genetics 1)	Dept Average, current term (EPI)
	Mean	Mean
Course policies and expectations were clear to me	4.8	4.5
Assignments enhanced my understanding of course content	4.8	4.4
Quality feedback was provided on my assignments and performance	4.6	4.3
The course challenged me to think critically	4.8	4.4
The pace of the course was appropriate for me	4.7	4.4
The course was organized in a way that helped me learn	4.7	4.3

1. Course policies and expectations were clear to me	2. Assignments enhanced my understanding of course content																																				
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Identify two or three aspects of the course that you think were most effective

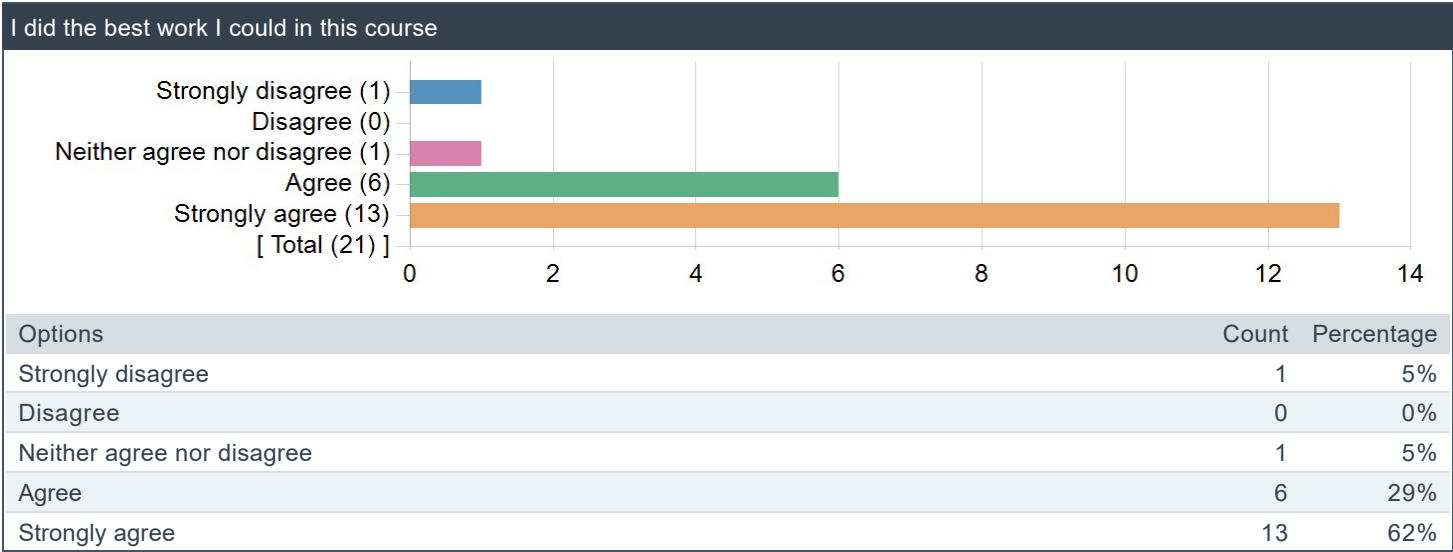
Comments
Presentation
The teaching staffs really know what they are doing and provide supportive feedback. And the professor really knows the materials he wants to teach about and did a great job in communicating the ideas.
Best course I've ever taken in my life. Lecture content is both very wide and very deep. Alkes is the best lecturer I've ever had. And the problem sets are phenomenal at conveying the content in the lectures
The assigned papers and paper discussions were very effective and really offered a great opportunity to dive into the topic of the week. Assignments were just right in terms of difficulty and really did serve to highlight the major themes of each week. The final project was a really great opportunity to dive into an active area of research in medical genetics.
The homework really helps me to gain deeper understanding of the concepts. Also, the class material is extremely organized and clear.
The use of actual scientific research papers to supplement each topic.

Identify two or three aspects of the course that could be improved or enhanced

Comments
Increase more in-class exams
Nope:) Everything is great!
I think the paper discussions on Thursday were usually not very fruitful. I was one of the very few people that ever answered questions given to the class, and many of the paper discussions weren't discussions at all but instead just powerpoint presentations (which were not helpful since we all were supposed to have read the paper).
Also, for the problem sets, I personally would like if it sometimes integrated non-computational questions, instead asking for mathematical derivations of formulas related to the topic. Some of the problem sets in BMIF 201 were like this and I really enjoyed them
I think the comprehensibility of some of the slides could be improved by LaTeXing them (currently, having them horizontally written out in powerpoint makes the often abstruse mathematical expressions difficult to read).
I think there could have been more checkpoints to work on the final project and receive feedback from the course staff at intermediate points (rather than just 1 week before the deadline).
Each PSET was like a mini-project!!! A lot of coding, it would be nice to shorten this to simple questions like doing statistical back-of the envelope idea.

Student Self-Reflection

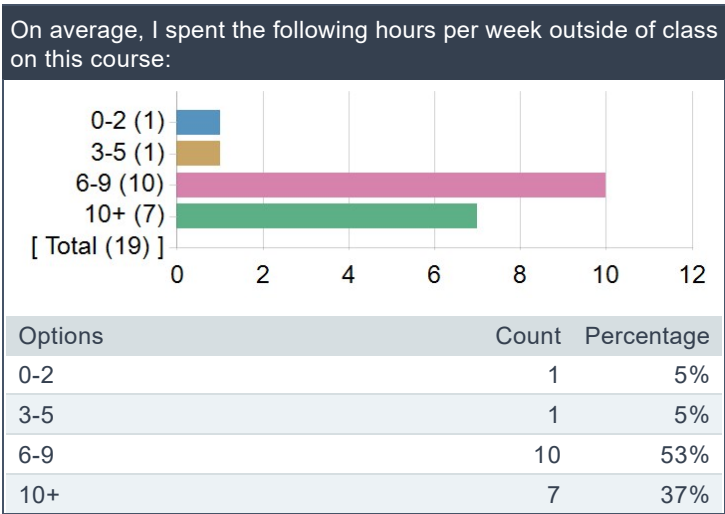
I did the best work I could in this course



What did I do to support my own learning in this course?

Comments
Meeting with instructor and TA's office hour
Spend time to review slides and understand core concepts for assignments.
I read the assigned papers in depth (and about half of the supplemental papers) and paid full attention in class. I also attended office hours a lot
I attended office hours almost every week, I put a lot of time in out of class to reviewing lecture slides and reading the weekly paper, and I took all of the homework assignments seriously and worked on them carefully.
The TA's office hour is helpful.
Thoroughly review course material of the week
Attending statgen related talks through my lab or Broad MPG.

On average, I spent the following hours per week outside of class on this course: Frequency Chart and Table



Learning Culture

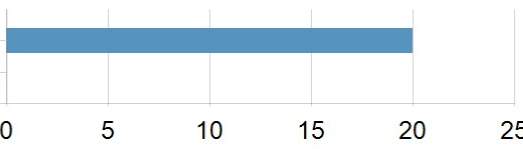
The teaching team promoted a positive learning culture that included:

1. Mutual respect between students and the teaching team

Agree (20)

Disagree (0)

[Total (20)]



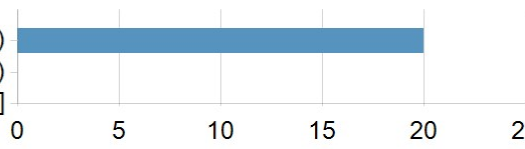
Options	Count	Percentage
Agree	20	100%
Disagree	0	0%

2. Opportunities to ask questions and share ideas or experiences toward learning

Agree (20)

Disagree (0)

[Total (20)]



Options	Count	Percentage
Agree	20	100%
Disagree	0	0%

Please share any positive feedback about the learning culture in this course:

Comments
Quite a lot content! Very rewarding
Teaching staffs are really supportive and the professor is really passionate about the subject, which motivates me to learn more.
Alkes did a wonderful job promoting a positive and collegial learning culture. What I appreciated the most from Alkes, above everything, was that he treated every question, no matter the level of sophistication, with the same thoughtfulness and care and made sure it was thoroughly answered – I really appreciated this and want to make sure it doesn't go unnoticed. This made it very easy to ask questions about anything during class in a judgment-free environment.
Annabel is a very very responsible TA.
Lectures were recorded and make freely available.

Please share any constructive feedback about how to improve the learning culture in this course:

Comments
I think the learning culture was great and can't really think of anything in particular.
Maybe shorten the amount of coding for each PSET or just less coding in general.

Instructor

Instructor - Alkes Price

Instructor Questions - Alkes Price

Question	Instructor Rating, this course	Dept Average, current term (EPI)
	Mean	Mean
The instructor taught the course in a way that strengthened my learning	4.8	4.4
The instructor effectively managed class discussion	4.9	4.4
The instructor stimulated my interest in the subject matter	4.9	4.4
The instructor was accessible outside of the classroom	4.9	4.4

Instructor Questions - Alkes Price - Frequency Block Chart and Table

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What comments would you like to provide to Alkes Price?

Comments
Professor Alkes Price provided highly informative course slides and demonstrated a deep understanding of the material. His ability to communicate complex statistical genetics concepts clearly was impressive. The assignments he designed were well-aligned with the course content, aiding in my learning. His passion for the field was evident and truly motivating.
You were an amazing professor
Alkes Price is the Greatest of All Time when it comes to teaching, and statistical genetics. If I end up becoming a professor, my goal will be to be as good as Alkes. This course massively stimulated my interest in this field
Alkes was a really wonderful professor and from the very first lecture was not only incredible effective at communicating the material, but very thoughtful and invested in making sure everyone understood the material. Attending office hours was always a pleasure and incredibly educational.
He is a very strong instructor, providing very clear explanation to every question.
Alkes very fast sometimes.

Teaching Fellow**Teaching Fellow - Buu Truong****Buu Truong - Overall Effectiveness**

Question	Instructor Rating, this course	
	Response Count	Mean
Please rate the overall effectiveness of the teaching fellow	9	4.9

Buu Truong - In what ways was the teaching fellow most effective? Why?

Comments
Buu is very responsive and explains everything clearly. He is very knowledgeable on both the math behind and practical implementations.
He was super super helpful and always responded to emails quickly.
Buu was great at providing advice and hints on assignments and helping me with difficulties I had in completing them.

Buu Truong - What recommendations would you make to the teaching fellow to strengthen teaching practices?

Comments
I think it might have been nice to receive more detailed feedback on points lost on assignments.
Provide more detailed explanation to students in office hour.

Teaching Fellow

Teaching Fellow - Annabel Perry

Annabel Perry - Overall Effectiveness

Question	Instructor Rating, this course	
	Response Count	Mean
Please rate the overall effectiveness of the teaching fellow	15	4.8

Annabel Perry - In what ways was the teaching fellow most effective? Why?

Comments
Office Hours and email. Very responsive and answer a lot of my questions.
The teaching fellow was incredibly effective in her role. She consistently responded to emails quickly and was very responsible in making sure her answers were accurate. She always took the time to ensure I understood the concepts clearly, and her approach was both helpful and kind. Her responsiveness and dedication made a big difference in my learning experience. She was such a nice person TAT
Anna gives very detailed feedback on the assignments. Really loved how she shared the GenAL prompt to facilitate our learning.
Great TA! Answered many of my questions
Annabel has been super helpful with our assignments!
Annabel was an AMAZING educator and easily one of the best TFs I've had over my entire time at Harvard. Not only was she incredibly helpful during office hours when helping us complete the assignments, but she was incredibly accessible by email (even minutes before the deadlines for assignments!) What I appreciated the most above all, however, was her incredibly detailed feedback on every single assignment that she graded – she was an extremely meticulous grader and took great care to highlight all corrections and points of improvement on assignments which helped me immensely in getting the most out of assignments.
She is very good at explaining problems. She helped me a lot in office hour. She is also a very good person.
Helps understand the concepts very well!

Annabel Perry - What recommendations would you make to the teaching fellow to strengthen teaching practices?

Comments
Nothing! Annabel is so perfect!
None!
NA

Course Recommendations

What would you like to tell a future student about this course?

Comments
This class mainly focuses on genotype SNPs from microarray chips, rather than WGS
It's a hard course but you will learn a lot.
This will probably be one of the BEST classes you will ever take! The course is well-organized, and the professor is incredibly intelligent, making complex topics easier to understand. You'll gain a deep understanding of the material, and the assignments are well-designed to support your learning. I highly recommend this course!
If you like anything to do with statistical genetics or population genetics, this is a MUST-TAKE course. You will not regret it. This is the best course I have ever taken in my life
Content is hard but very worth learning.
This was an excellent course both to review the basics of the field of statistical genetics, and to get some experience working with real human genetic data and doing a wide variety of analyses on it.
To get the most out of the course, you should have some basic prior exposure to population genetics. Linear algebra is a must; you will have a very difficult time understanding any of the methods in the course without basic proficiency in linear algebra. Basic probability theory is also helpful with some of the concepts/methods.
Be prepared to spend a lot of time being *very* careful with the assignments, as it's very easy to lose points on little missingness issues and other minor errors. I think I spent on average 10–15 hours on every problem set. Don't wait until the very end like I did to complete them!
Alkes is a wonderful and caring professor and you should make the most out of not just lectures (which are great) but also the paper discussions and especially office hours with Alkes.
I would recommend this course to others. The material is challenging, but it guides you through each concept step by step. If you're interested in learning more about population genetics, this course is a great way to build a strong foundation and deepen your understanding. The topics are very comprehensive, so the concepts you would like to learn is likely be covered by the class. The homework assignments are time-consuming and thought-provoking, but they significantly improve your coding skills as well.
yes