

A History of Science in Latin America (2021 Spring Semester)

Instructor: **Hanson, Jordan**
 Subject: **INTD**
 Catalog & Section: **290 1**

Enrollment: **27**
 Responses Incl Declines: **24**
 Declines: **0**

Category Summary

Category	Number of Responses	Response Rate	Mean	Dept. Mean	Median	Dept. Median	STDEV
Self-Evaluation	215	88.5%	4.5	4.6	5.0	5.0	0.8
Instructor's Questions	119	88.1%	4.4	4.4	5.0	5.0	1.0
Course	168	88.9%	4.7	4.6	5.0	5.0	0.6
Professor - Jordan Hanson	216	88.9%	4.8	4.7	5.0	5.0	0.6

Demographics

Question	Number of Responses	Liberal Education	WSP requirement	Major requirement	Minor requirement	Elective/Interest
Why did you take this course? (Select primary reason.)	24	79%	4%	0%	0%	17%

Question	Number of Responses	First-Year	Sophomore	Junior	Senior	Graduate
What is your year in college	24	4%	38%	50%	8%	0%

Quantitative Data

All Likert Scale Questions - Self-Evaluation

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
I attended class regularly.	24	88%	4.8	4.8
I was academically prepared to handle the material.	24	88%	4.8	4.7
I came prepared for each class session (i.e. have read all course readings and completed assignments).	23	85%	4.7	4.7
I actively participated in class discussions.	24	88%	3.8	4.3
I attended scheduled office hours if I had questions about the course material.	24	88%	4.2	4.2
I tried to relate course material to other things I know and/or study.	24	88%	4.9	4.8
I worked to my full potential in this course.	24	88%	4.5	4.6
I was satisfied with my performance in this course.	24	88%	4.5	4.7
I had a strong desire to take this course.	24	88%	4.2	4.4

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

All Likert Scale Questions - Instructor's Questions

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
I (the student) had family responsibilities that had to be balanced with studying obligations.	24	88%	4.5	4.5
The professor had family responsibilities that had to be balanced with course obligations.	23	85%	4.9	4.9
I (the student) had work responsibilities that had to be balanced with studying obligations	24	88%	4.2	4.2
Given that this course is normally taught over the length of a semester, and at some institutions, two semesters, I (the student) felt we covered adequate material.	24	88%	4.5	4.5
If this course were taught over the length of a semester, the material would have been easier to digest.	24	88%	4.0	4.0
Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;				

All Likert Scale Questions - Course

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
This course had clear goals and objectives.	24	88%	4.8	4.6
This course was academically challenging.	24	88%	4.8	4.4
This course offered useful learning tools (such as lectures, discussions, readings, assignments and/or examinations).	24	88%	4.8	4.8
This course had grading criteria that were clearly identified.	24	88%	4.6	4.5
This course improved my understanding of the material.	24	88%	4.8	4.6
This course increased my interest in the subject matter.	24	88%	4.6	4.5
Overall, I would recommend this course to others.	24	88%	4.6	4.5
Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;				

All Likert Scale Questions - Professor - Jordan Hanson

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
The professor used class time effectively and demonstrated preparation for class.	24	88%	4.8	4.7
The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	24	88%	4.8	4.6
The professor was able to explain complicated ideas.	24	88%	4.8	4.7
The professor challenged students to think critically and/or imaginatively about the course material.	24	88%	5.0	4.7
The professor provided clear and timely feedback.	24	88%	4.4	4.4
The professor encouraged meaningful class discussions.	24	88%	4.7	4.7
The professor was receptive to differing views.	24	88%	5.0	4.8
The professor was available for help outside of class.	24	88%	5.0	4.8
Overall, I would recommend this professor to others.	24	88%	4.8	4.7
Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;				

Open Ended Responses

Written Comments (144 comments)

Q: What useful feedback could you provide the professor of this course? (Please be specific.)

- 1 .
- 2 Breakout groups are either a "hit or miss". You could students that are engaging or you get students that still bed, asleep. Try to use them less often.
- 3 I would try and use other resources than straight zoom lectures to help with class interaction.
- 4 The only critique I can say about this course is the book. However with that being said, he did say there were limited books about the subject. The book was just quite difficult to follow in such short amount of time.
- 5 n/a
- 6 You did an fantastic job making the course material engaging. It's difficult to do over zoom, and a lot of professors struggle with it, but I feel that you were able to make online class feel as close to inperson as possible.
- 7 N/a
- 8 Only grading turnaround was delayed, but understandable given world circumstances.
- 9 I think all students appreciated the fact that you were always understanding and gave us enough time to complete assignments, and extra time in case we needed it.
- 10 Try not to incorporate physics into the course so much, there were times where I felt I was taking a physics course instead of a history course.
- 11 I really loved this class. I know the professor had a lot to balance and felt rushed with the module system. While meeting every day at 8 am seems like it would be a drag, I actually felt that meeting so frequently was the key to how much I learned in this class. I have not learned nearly as much material in my class that only meets once a week. I also could tell how passionate the professor was about both the material and teaching his students, which made me want to show up and do well in the class.
- 12 Professor Hanson, I had such a great time in this course! I really enjoyed how you blended history with your field of study in a way that worked really well with the aim of the course. I definitely wish that we were able to do this course on campus, but I think that you were able to transition it to online very well. I know that there were a lot of adjustments to the course schedule, but I would have liked to have a more solid timeline on how to prepare for the final presentation. We were introduced to the concept of Digital Storytelling early on, but it wasn't until Sonia Chaidez came in the last few weeks of class that that final project option was fully explained to us. It would have been more beneficial to explain digital storytelling halfway through the course so that students could have more time and information to decide between doing a paper or doing a presentation. Overall, I know that you had to balance your teaching and personal life throughout this course, and I appreciate the help and availability that you offered us. I felt that I was very supported and that my work was valued in this course.
- 13 I liked your enthusiasm over the material and how there was a lot more science/math examples than I thought there would be.
- 14 Professor Hanson did a great job with the class, especially in a block system. He was very understanding of everyone's circumstances at home.
- 15 I think this class could have been more interesting if it was in person but Professor Hanson did great considering all the circumstances. I think that it was a little disorganized and did not have clear goals to what we were learning or supposed to be doing
- 16 Professor Hanson was a very understanding and good professor that was easy to get a hold of.
- 17 I think that this course was well structured and well-executed I think that the zoom length of our classes would sometimes override my schedule, but other than that the class execution was great!
- 18 This course was very clear in regards to the standards that must be met. I really appreciated how engaged you were each lecture and very well explained everything that we needed help with.
- 19 I thought the course had a great balance between science, history, and social science. It was a great CON2 course.
- 20 Because we cover material during class maybe record the lecture to be uploaded to moodle
- 21 More asynchronous days
- 22 More clear objectives and assignments, maybe scheduled things better rather than kind of just all over the place. It was really hard to follow your lectures and slideshows and the textbook to stay on top of the somewhat random reading quizzes and asynchronous work
- 23 This course was very well taught and I enjoyed class and the material.
- 24 Loved the course

Q: What were the best aspects of this course? (Please be specific.)

- 1 .
- 2 Digital Storytelling was very fun to make.

- 3 The interesting material and the diversity in subject matter on the history Latin American science.
- 4 Overall, The professor was as flexible and helpful over this shortened module course that I feel helped me very much. He was open to ideas about grading and just overall great.
- 5 Learning about how people would discover about space back before modern tools.
- 6 The interactive Astronomy lab
- 7 n/a
- 8 Learning about aspects of scientific history not normally covered in standard curriculum.
- 9 My favorite part of the course was that majority of the class did not decide to write a basic final paper, but challenged ourselves to make a digital story, and I think going forward for this course, this should be the mandated final. It makes things different, and gives them a break from writing redundant papers.
- 10 Learning about the medical ideologies they had.
- 11 The material was so interesting, I would take another class on this subject if I had room in my schedule. I felt like I gained a whole new way to look at science, and I know I'll be a better scientist and thinker going forward.
- 12 I really enjoy that the final days of class felt like a presentation of the culmination of all of our learning. It rounded off the course very well and I feel that I and my peers, learned a lot of knowledge and skills that we can take with us in further classes.
- 13 In class presentations
- 14 The topics in the course were very interesting. I particularly enjoyed the units about Mayan and Incan numerical systems, along with the astronomy section.
- 15 it was challenging and interesting
- 16 Learning a lot of different things about Science in Latin America
- 17 The best aspect of this course was the mapping material that we had learned! Very cool and interesting to learn!
- 18 The asynchronous work was very helpful with learning the material at a better pace.
- 19 I really liked the lectures and asynchronous activities we did throughout the module. The lectures were very detailed and the activities were fun to do.
- 20 Flexibility
- 21 Final projects
- 22 Final project and async work really helped to solidify confusing concepts
- 23 I like the structure of the class and assignments.
- 24 The material was very interesting, loved the topics and class discussions

Q: What would you change about this course? (Please be specific.)

- 1 .
- 2 It would be interesting to spend more time of the science of ancient Latin American civilizations, before the Europeans arrived.
- 3 I would not make the synchronous meetings 4 days a week, 3 days is more practical and the use of voice thread and recorded lectures would be a good break on asynchronous days.
- 4 The only thing I would change about this course is to relate it more to the book and maybe incorporate open discussions about the book.
- 5 n/a
- 6 Nothing
- 7 n/a
- 8 None. Only wish for a longer term (semester).
- 9 Nothing really, I enjoyed all aspects/topics of the course and felt that all the information we learned was relevant to the course title.
- 10 There was too much talk about physics and not so much about the other sciences, so I would change that about this course. I would have also liked if the course talked about the sociological influence the science discoveries made.
- 11 The only things I would change would be more interaction with other students, but I know that would happen if we were in person and the professor wanted us to learn all the material.
- 12 It would be helpful to have the Moodle set up by week instead of by unit. This format would allow students to see upcoming events/due dates and prepare for them, or for students to go back to specific days and see what was done on that day. It would also

serve as a way to let students know what days are synchronous and which are asynchronous.

- 13 Give more explanation and examples about the end of year project and try best to give feedback on reading quizzes earlier so I am able to see how well I understand the material.
- 14 I would have enjoyed the class being in person, since we were going to do some triangulation measurements from the hills in Whittier, and that would have been awesome. However, Prof Hanson said that we would try to do that in his other course when we went back in person, so I am definitely going to try to take that one.
- 15 n/a
- 16 Nothing
- 17 I would just change the amount of time spent on warm-ups so that we could have more time for new material.
- 18 I don't think I would change anything about the course as it was all vital for the understanding of the material.
- 19 I would probably change the final project to something that's more engaging. I ended up doing the long essay because I didn't have enough time to plan out a nice digital liberal arts project. I would have definitely done the digital liberal arts project if I had enough time towards the end. But in a normal semester, the final project idea would work out better.
- 20 More student discussion during class
- 21 The pacing, some topics felt rushed while others felt long
- 22 It being in 7 weeks, I think this class would have been a lot better either in a janterm or a full semester as there was a lot to cover and just not enough time
- 23 I would add more in class examples of the math portion.
- 24 Make a little longer

Q: Please evaluate your own performance in this course. That is, are you satisfied with your accomplishments in this course? If not, what should you have done differently to improve your performance and/or comprehension of the course material.

- 1 .
- 2 I was satisfied with my performance.
- 3 overall I did well in this course but did struggle in some aspects of the math involved.
- 4 Overall, this module has been one crazy one for myself. I worked very much and was very aware that I could have performed so much better in the course but felt so overwhelmed by the information I was receiving daily.
- 5 I am satisfied with what I was able to do in the duration of this course.
- 6 I struggled significantly in my personal and family life this module. But Professor Hanson's understanding and flexibility made it possible for me to stay on course, I can't thank him enough.
- 7 n/a
- 8 I did well.
- 9 Overall, I and the rest of the class did well and felt that we were all well prepared for the midterm and any other work in the class. Grading in this class more than fair and I think that my grade does well reflect my mastery of the material and effort put into the course.
- 10 I am satisfied with my accomplishments in this course.
- 11 I am satisfied with my work in this course. Sometimes the reading was quite dense and I don't think I understood it fully, but I did do all the assignments and worked hard.
- 12 I am fairly satisfied with my performance in this course. My other course for this module demanded a decent amount of my attention so I struggled to find a balance between the two at first. However, I made sure to engage with the material of this class and I scheduled appointments if I was unsure about something. I was very motivated to take this course in the first place so I wanted to make sure that I did well and stayed on top of my work.
- 13 I feel like I was satisfied with my final project I learned a lot and enjoyed it more than I thought I would. I think I could of been better at engaging with the material better overall.
- 14 I am satisfied with my performance in this course and genuinely feel like I learned a lot.
- 15 I think I could have done a lot better if I was in person and I think I could have tried a lot harder
- 16 I was happy with how I did
- 17 I think that my performance was well I think that I could always do better in my classes but in this course specifically, I think that I did better than expected.
- 18 I believe my performance in this course was very good as I submit everything on time and gave the professor no trouble. I am

satisfied with my performance in the course.

19 I am satisfied with my performance in this course. I tried my best to complete all the reading quizzes, activities, midterm, and final project. I learned a lot of new things, and that's what counts!

20 Yes

21 I was satisfied with my performance

22 I absolutely could have worked harder in this class at times when I would feel overwhelmed this was the class I would kind of fall behind in as I knew deadlines were not super strict, I probably should have read the textbook more and paid a bit more attention in class

23 I think I did well to my potential.

24 Satisfied, but could have done better

Q: Please comment on your experiences with the remote delivery of this course. What suggestions do you have for improvement?

1 .

2 I believe the balance of live and recorded lectures was sufficient.

3 The remote delivery was very lengthy in my opinion because we met everyday I think the use of recorder lectures or voice thread could have been helpful material to use in this course.

4 The remote delivery of this course was great. I also enjoyed the asynchronous discussions he employed that were better than waking up at 8 am for. I would only suggested recording lectures.

5 I enjoyed it despite it being 8 in the morning since this course allowed me to attend to more things at home.

6 Professor Hanson's use of the whiteboard helped make the material more digestible, especially the math and number systems section. The only thing I'd add is screenshot if the whiteboard before your erase it and attaching it to the posted PowerPoint as an extra slide

7 n/a

8 I thought the remote delivery was good. More asynchronus work could have worked well in this course.

9 To upload lecture videos so that students could go back to review them if needed.

10 Maybe try a flipped classroom for this course.

11 I really really wish I could have taken this class in person. However, the professor did an excellent job of adjusting the schedule.

12 Overall, the online delivery of this course was good. We covered a fair amount of material, but it was all easily accessible and digestible through the many breakout rooms and lectures that we had. I enjoyed that we had asynchronous learning on Friday because it gave me an opportunity to catch up and also get through the assigned reading. If I were to suggest anything, I would like if the in-class lectures could be recorded. Oftentimes, I would struggle to remember a specific concept that we went over in lecture, and I would wish that I could go back and see it.

13 I wish we spent more time in class going over the reading quizzes because it was remote we did them on our own time.

14 Professor Hanson did a very good job with remote delivery of this course.

15 the remote experience was not the greatest, I think that from the jump it was unclear what days we were going to be meeting on zoom and what days we were not

16 He did a good job with the module and I liked the 10 to 8 services as it was easy to book an appointment

17 I think the remote delivery of this course was excellent I think professor Hanson did the most he could do with his tools which was amazing. Definitely helped my understanding of the material.

18 It was a bit tough staying engaged with the readings throughout the course, but when we'd meet every morning, it helped a lot with my understanding of the material.

19 I thought the remote delivery of this course was great. We had fun class discussions on Zoom, and we did asynchronous activities on Fridays.

20 More asynchronous content when possible

21 This class worked well for a module system but with more time we could have gone more in depth

22 Less zoom classes, the video lectures were wonderful and perfect zoom is just so hard to sit and stay focused in 4 days a week and as someone who works it was very difficult to make it all 4 days a week

23 I think it went well but I think the math should have been taught in zoom rather than in prerecorded videos.

24 Record lectures

Q: How has the modular schedule shaped your experience and/or expectations of this course?

- 1 .
- 2 I wish I could've taken this calls as a whole semester as we only went surfaced level in topics.
- 3 I think this course needs a longer time frame to be taught because of they hefty material and ideas.
- 4 I feel like this course was limited heavily by zoom learning. The professor provided excitement and eagerness upon the subject but was also overwhelmed by the external factors of zoom and his life.
- 5 It was definitely short but I was able to get the gist of the topic despite not being able to do physical activities.
- 6 Because this is an accelerated course I expected the information to be more topical, but that wasn't my experience at all, it felt as informative as a full course.
- 7 n/a
- 8 I expected it to feel rather rushed.
- 9 I think this class is perfect for the modular schedule, and I felt that we covered a lot in the short amount of time, but not in a rushed fashion.
- 10 The modular schedule was a good set up for this course.
- 11 It made it so much worse. I could tell the professor really wanted to go more in-depth but we just really didn't have the time.
- 12 Because this module basically doubled as a Jan-term, this was a nice course load that allowed me to engage with the subject in a way that I didn't need to worry too much about exams or very analytical courses.
- 13 It definitely made the class more fast paced
- 14 Modules make things unnecessarily difficult for everyone involved.
- 15 I appreciate how quickly I was able to complete this course
- 16 .
- 17 The modular schedule shaped my expectations for due dates to be quickly approached and for material to be more quickly taught.
- 18 The modular schedule is very fast paced so I felt as if everything was rushed. For example, for some of the concepts, when I would finally be getting the hang of them, we would already be learning an entire new one.
- 19 The modular schedule definitely changed the amount of material covered in the course. It greatly restricted how much the professor could have covered compared to a normal 14 week semester schedule. But nevertheless, this was expected and understandable during these times.
- 20 Appreciation for in-person learning
- 21 We had very little time for this class so the module system made it feel very rushed
- 22 It was difficult to absorb all of the knowledge and fully understand everything we were talking about as by the time you could understand something we had already moved on
- 23 This shaped exactly what I thought this class would cover and was an overall great experience.
- 24 It was hard, especially with final project that needed to be started in the first weeks of class

Supplemental Questions

Supplemental Questions

Question	Number of Responses	Response Rate	STDEV	1	2	3	4	5	-1
I (the student) had family responsibilities that had to be balanced with studying obligations.	24	88%	1.0	4%	4%	0%	25%	67%	0%
The professor had family responsibilities that had to be balanced with course obligations.	23	85%	0.5	0%	0%	4%	4%	91%	0%
I (the student) had work responsibilities that had to be balanced with studying obligations	24	88%	1.3	8%	4%	8%	17%	63%	0%
Given that this course is normally taught over the length of a semester, and at some	24	88%	0.8	0%	4%	4%	25%	67%	0%

institutions, two semesters, I (the student) felt we covered adequate material.

If this course were taught over the length of a semester, the material would have been easier to digest.	24	88%	1.1	4%	0%	29%	21%	46%	0%
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Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;