Office of Institutional Planning and Research

STUDENT EVALUATIONS OF TEACHING

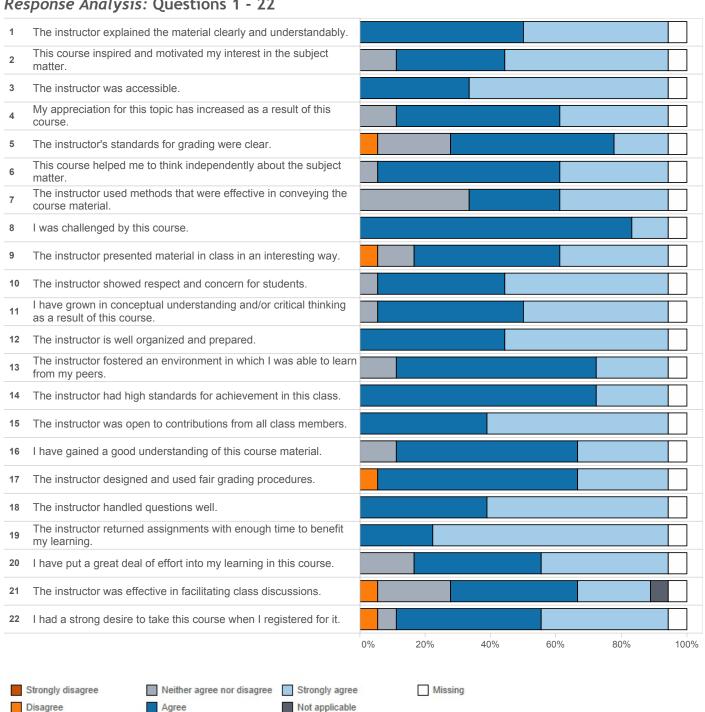
Instructor Term Spring 2021 DONOVAN Pierce J. Course/Section **ECON 228 A** 

**Course Title** 

**Environmental Economics** 

**Enrollment** Surveys 18 17

### Response Analysis: Questions 1 - 22



# Colgate University

Office of Institutional Planning and Research

Term Spring 2021 Instructor DONOVAN Pierce J. Course/Section ECON 228 A

**Course Title** 

**Environmental Economics** 

Enrollment

Surveys

18 17

## Response Analysis: Questions 1 - 22

		Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Not Applicable	Missing
1	The instructor explained the material clearly and understandably.	0%	0%	0%	50%	44%	0%	6%
2	This course inspired and motivated my interest in the subject matter.	0%	0%	11%	33%	50%	0%	6%
3	The instructor was accessible.	0%	0%	0%	33%	61%	0%	6%
4	My appreciation for this topic has increased as a result of this course.	0%	0%	11%	50%	33%	0%	6%
5	The instructor's standards for grading were clear.	0%	6%	22%	50%	17%	0%	6%
6	This course helped me to think independently about the subject matter.	0%	0%	6%	56%	33%	0%	6%
7	The instructor used methods that were effective in conveying the course material.	0%	0%	33%	28%	33%	0%	6%
8	I was challenged by this course.	0%	0%	0%	83%	11%	0%	6%
9	The instructor presented material in class in an interesting way.	0%	6%	11%	44%	33%	0%	6%
10	The instructor showed respect and concern for students.	0%	0%	6%	39%	50%	0%	6%
11	I have grown in conceptual understanding and/or critical thinking as a result of this course.	0%	0%	6%	44%	44%	0%	6%
12	The instructor is well organized and prepared.	0%	0%	0%	44%	50%	0%	6%
13	The instructor fostered an environment in which I was able to learn from my peers.	0%	0%	11%	61%	22%	0%	6%
14	The instructor had high standards for achievement in this class.	0%	0%	0%	72%	22%	0%	6%
15	The instructor was open to contributions from all class members.	0%	0%	0%	39%	56%	0%	6%
16	I have gained a good understanding of this course material.	0%	0%	11%	56%	28%	0%	6%
17	The instructor designed and used fair grading procedures.	0%	6%	0%	61%	28%	0%	6%
18	The instructor handled questions well.	0%	0%	0%	39%	56%	0%	6%
19	The instructor returned assignments with enough time to benefit my learning.	0%	0%	0%	22%	72%	0%	6%
20	I have put a great deal of effort into my learning in this course.	0%	0%	17%	39%	39%	0%	6%
21	The instructor was effective in facilitating class discussions.	0%	6%	22%	39%	22%	6%	6%
22	I had a strong desire to take this course when I registered for it.	0%	6%	6%	44%	39%	0%	6%

# Colgate University

Office of Institutional Planning and Research

Agree

**Term** Spring 2021 Instructor DONOVAN Pierce J. Course/Section ECON 228 A

**Course Title** 

Disagree

Enrollment

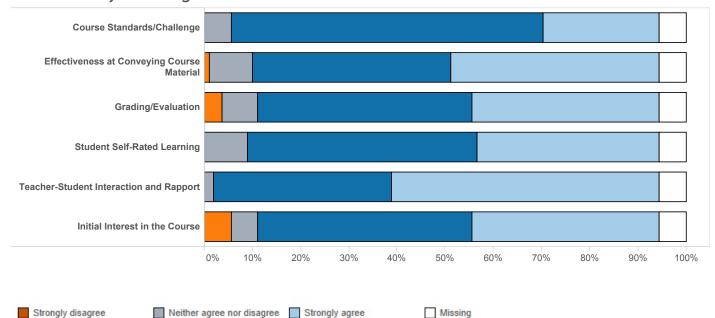
Surveys

18

17

### **Dimensions of Teaching**

**Environmental Economics** 





Not applicable

Office of Institutional Planning and Research

STUDENT EVALUATIONS OF TEACHING

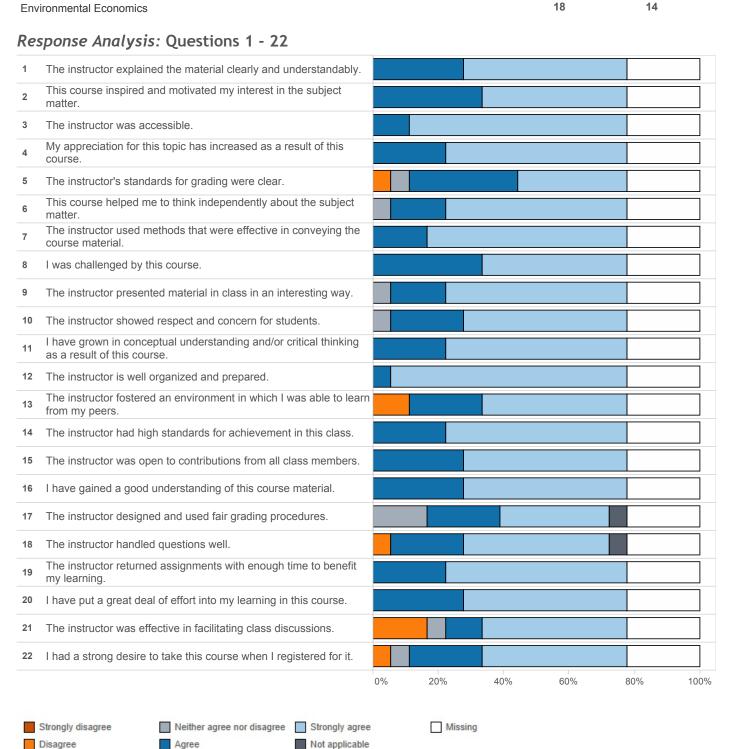
18

Term Spring 2021 Instructor DONOVAN Pierce J. Course/Section **ECON 228 B** 

**Course Title** 

**Enrollment** Surveys

14



# Colgate University

Office of Institutional Planning and Research

Term Spring 2021 Instructor DONOVAN Pierce J. Course/Section ECON 228 B

**Course Title** 

**Environmental Economics** 

Enrollment

Surveys

18

14

## Response Analysis: Questions 1 - 22

		Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Not Applicable	Missing
1	The instructor explained the material clearly and understandably.	0%	0%	0%	28%	50%	0%	22%
2	This course inspired and motivated my interest in the subject matter.	0%	0%	0%	33%	44%	0%	22%
3	The instructor was accessible.	0%	0%	0%	11%	67%	0%	22%
4	My appreciation for this topic has increased as a result of this course.	0%	0%	0%	22%	56%	0%	22%
5	The instructor's standards for grading were clear.	0%	6%	6%	33%	33%	0%	22%
6	This course helped me to think independently about the subject matter.	0%	0%	6%	17%	56%	0%	22%
7	The instructor used methods that were effective in conveying the course material.	0%	0%	0%	17%	61%	0%	22%
8	I was challenged by this course.	0%	0%	0%	33%	44%	0%	22%
9	The instructor presented material in class in an interesting way.	0%	0%	6%	17%	56%	0%	22%
10	The instructor showed respect and concern for students.	0%	0%	6%	22%	50%	0%	22%
11	I have grown in conceptual understanding and/or critical thinking as a result of this course.	0%	0%	0%	22%	56%	0%	22%
12	The instructor is well organized and prepared.	0%	0%	0%	6%	72%	0%	22%
13	The instructor fostered an environment in which I was able to learn from my peers.	0%	11%	0%	22%	44%	0%	22%
14	The instructor had high standards for achievement in this class.	0%	0%	0%	22%	56%	0%	22%
15	The instructor was open to contributions from all class members.	0%	0%	0%	28%	50%	0%	22%
16	I have gained a good understanding of this course material.	0%	0%	0%	28%	50%	0%	22%
17	The instructor designed and used fair grading procedures.	0%	0%	17%	22%	33%	6%	22%
18	The instructor handled questions well.	0%	6%	0%	22%	44%	6%	22%
19	The instructor returned assignments with enough time to benefit my learning.	0%	0%	0%	22%	56%	0%	22%
20	I have put a great deal of effort into my learning in this course.	0%	0%	0%	28%	50%	0%	22%
21	The instructor was effective in facilitating class discussions.	0%	17%	6%	11%	44%	0%	22%
22	I had a strong desire to take this course when I registered for it.	0%	6%	6%	22%	44%	0%	22%

# Colgate University

Office of Institutional Planning and Research

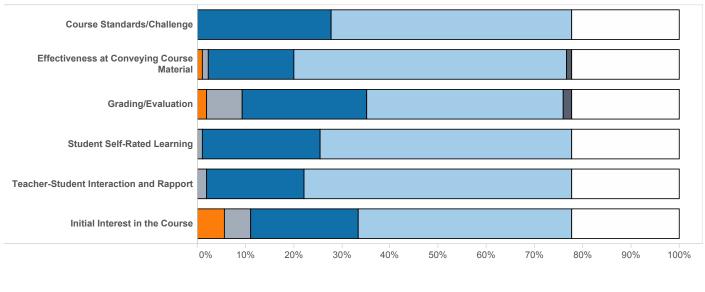
Term Spring 2021 Instructor DONOVAN Pierce J. Course/Section ECON 228 B

**Course Title** 

Environmental Economics

Enrollment Surveys 18 14

## **Dimensions of Teaching**





	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree	Not Applicable	Missing	Responses
Course Standards/Challenge	0%	0%	0%	28%	50%	0%	22%	54
Effectiveness at Conveying Course Material	0%	1%	1%	18%	57%	1%	22%	90
Grading/Evaluation	0%	2%	7%	26%	41%	2%	22%	54
Student Self-Rated Learning	0%	0%	1%	24%	52%	0%	22%	90
Teacher-Student Interaction and Rapport	0%	0%	2%	20%	56%	0%	22%	54
Initial Interest in the Course	0%	6%	6%	22%	44%	0%	22%	18

## Student Evaluation of Teaching

Instructor: Donovan, Pierce Course: Environmental Economics

17 surveys / 18 enrolled in ECON 228 A (MWF 0810)

Student: 1

Reason: Major or minor requirement

Additional Reason(s):

Effort: I put a significant amount of effort into this course because it greatly challenged me and was interesting to me. The material was challenging, though not to the point where I felt overwhelmed and too stressed. I had to consistently put many hours of work into the homework for the class, though I am glad we had the homework so that material could stay fresh and accurate in my head. Outside of the homework, however, I did not put a ton of effort into the class since there wasn't much work besides the homework. Understanding & Appreciation: Going into this class, I had a decent foundation of economics knowledge, though I had never examined problems using the environmental lens as well. Learning about environmental economics topics greatly increased my appreciation and understanding of the course subject once we began to learn about new and engaging material. This course greatly contributed to my understanding and appreciation of the course subject.

<u>Intellectual Growth</u>: Because this class was much different than my previous economics courses, it did indeed help contribute to my intellectual growth outside of the course subject. It taught me to examine ideas from different perspectives, since in this class we had to examine problems from both the environmental and economic sides.

Quality: I thought that the quality of teaching in this course was very high. Professor Donovan is clearly very passionate about the subject and enjoys teaching it. He is always very organized and prepared and makes the class stay engaged while still supplying ample information. The homework was often interesting as well, and helped me to understand the material we learned in class. The professor sometimes goes off on unnecessary tangents, but overall does an excellent job at teaching the course.

Student: 2

Reason: Major or minor requirement

Additional Reason(s):

<u>Effort</u>: I put enough effort into this class in which i did all the readings, assignments and came to all the classes. However, i did not go above and beyond and only went to office hours a handful of times.

<u>Understanding & Appreciation</u>: This course allowed me to finally understand the connection between environmental sciences and economics, which i had been interested in but did not know much about for a while.

Intellectual Growth: This course made me think in ways far different from any econ course i had previously taken.

Quality: Prof. Donovan did a good job explaining information throughout the course for the most part and tried his best to make a 8:10 course engaging, one issue is that he sometimes struggles with explaining more basic concepts.

Student: 3

Reason: Elective within major or minor Reason: Reputation of the instructor

Additional Reason(s):

<u>Effort</u>: I attended every class, spent several hours on homework assignments, and read through and added to discussion on nearly every reading.

<u>Understanding & Appreciation</u>: I had never taken an environmental economics course before so this class helped me to learn a lot about the field and what opportunities it presents.

<u>Intellectual Growth</u>: I have never had to apply economic understanding or concepts to an issue that wasn't purely economic-related. I'm so used to studying GDP and unemployment that looking at environmental issues and trying to apply what I know to fix them was difficult, but interesting.

Quality: I think professor Donovan cares a lot about environmental economics and is very knowledgeable about the field. I had trouble remembering and distinguishing the topics we covered, though, because we did so much in the semester. I think I would have preferred to narrow the scope a little and make sure I actually understood the models and programs we discussed.

Student: 4

Reason: Elective within major or minor

Additional Reason(s): N/A

<u>Effort</u>: Attended class, completed assignments in a timely manner and with a high standard of quality, studied and prepared for class and assignments whenever necessary

Understanding & Appreciation: This course sparked my interest in environmental economics.

<u>Intellectual Growth</u>: This course helped me to frame problems and situations how an economist would, and really helped me to work on thinking in that manner. I am very happy I took this course

<u>Quality</u>: Professor Donovan was one of the best professors I've had at colgate so far. He was organized, a fair grader, and interesting lecturer, and an overall good guy. The way he runs his course is fantastic, and I think he should continue to run his course exactly as he has this semester.

## Student Evaluation of Teaching

Instructor: Donovan, Pierce Course: Environmental Economics

17 surveys / 18 enrolled in ECON 228 A (MWF 0810)

Student: 5

Reason: Major or minor requirement

Additional Reason(s):

Effort: I put in a great amount of effort into this course because it follows a major requirement.

<u>Understanding & Appreciation</u>: I understand the correlation between the environment and the economy a lot more clearly now. <u>Intellectual Growth</u>: Environmental and economic issues are a very big part of our world, so this course contributed to my intellectual growth by teaching me about these problems that are going on in the real world.

<u>Quality</u>: I believe the quality of the teaching in this course was okay, I believe the grading standards were not clear, but class lectures were certainly dense.

Student: 6

Reason: Major or minor requirement

Additional Reason(s):

<u>Effort</u>: I put a large amount of effort into this course, as environmental economics is my intended major here at Colgate. I was required to do many discussion postings and pushed to participate more in the class.

<u>Understanding & Appreciation</u>: Serving as an introduction into the field of environmental economics, this class greatly increased my understanding of the environmental economics curriculum. I found topics such as forestry and fishery management to be fascinating, and I can't wait to learn more about them in the future.

<u>Intellectual Growth</u>: This class pushed me to be more involved in online group discussions via Hypothesis. I believe that this was my first time using the site, so I had to get use to the process. I enjoyed being able keep up tp date with other students and their thoughts outside of designated class time.

Quality: Professor Donovan is an incredibly caring professor. You can tell how passionate he is about the material he presents. I enjoyed the way he broke up the class into different sections, and thought he did a great job explaining such a wide variety of material. I also appreciated his use of assignments to check progress rather than tests. Professor Donovan is a great professor, however perhaps organization of the class can possibly be improved. That may simply be due to the unique scenarios put forth by this semester. Regardless, I did love this class and Professor Donovan's teaching.

Student: 7

Reason: Major or minor requirement

Additional Reason(s):

<u>Effort</u>: I feel that this course was a manageable work load which gave me the freedom to really dive into the reading and converse with my classmates about the readings on hypothesis. This class is a great example of a class that more effort you put into it, the more you will get out of it.

<u>Understanding & Appreciation</u>: Environmental Studies and Economics are two subjects that I have enjoyed most at Colgate yet I have always thought of them being at odds with another. I have really enjoyed and become optimistic seeing these two fields work together to provide cost efficient solutions to environmental issues.

<u>Intellectual Growth</u>: This class was different from another economics class that I have taken here at Colgate in the way that it was reading and writing intensive. I thrive in the mathematics and arithmetics involved in economics so it was beneficial to develop my qualitative reasoning and reading comprehension in a field that I feel passionately about.

Quality: I believe that Professor Donavon is passionate and well organized making his class environment engaging as well as very structured and informative.

Student: 8

Reason: Major or minor requirement Reason: Interest in the course material

Additional Reason(s):

<u>Effort</u>: I put a lot of effort into this course. Every assignment and reading we had was valuable and taught me something new about the materials. Similarly, each reading built on each other, making it easier to do the homework after doing the reading. That being said, I still was putting a lot of effort into the homework's even after I had done the readings.

<u>Understanding & Appreciation</u>: This definitely enhanced my understanding of environmental problems and combined what I had learned with economics. It provided a new and exciting way to learn about the environment.

<u>Intellectual Growth</u>: I think this course helped me to develop as a critical thinker and somewhat that can truly analyze documents. With the homework as well as the term paper I was able to get better at doing research and close reading documents.

### Student Evaluation of Teaching

Instructor: Donovan, Pierce Course: Environmental Economics

17 surveys / 18 enrolled in ECON 228 A (MWF 0810)

<u>Quality</u>: Professor Donovan did a very good job teaching this course. His lectures were interesting and made class time much more enjoyable. Similarly, his assignments all followed either what we were reading in class or from the book so everything that we were assigned to complete made sense and helped me learn more about the topic. Overall, I really enjoyed this course and that is mostly because of Professor Donovan.

Student: 9

Reason: Elective within major or minor Reason: Interest in the course material

Additional Reason(s):

<u>Effort</u>: I do a fair bit of reading for this course, in addition to thinking freely about the material and applications for what I have learned. I find the readings for the course to be engaging, and the homeworks are fun to write and think about. They require application of the material rather than regurgitation, so I find it very engaging to work and think on them.

<u>Understanding & Appreciation</u>: Prior to taking this course, I had very little concrete understanding of environmental economics and mostly thought of environmental problems as political/societal problems that were outside of economic solutions. I have a much greater appreciation for economic solutions to environmental problems, as well as the work that economists do to address issues concerning ecosystems and environments.

<u>Intellectual Growth</u>: Taking this course has led me to start thinking about problems and issues as likely having economic solutions, and framing those problems in the terms of economics, which I find helps make things much clearer and understandable on a fundamental level. It makes it a lot easier to understand people's actions when examining their incentives, rather than simply being confounded by their seemingly inexplicable actions/rational.

Quality: The teaching of this course has been excellent. I find that the way the material is presented is effective and engaging. It is clear that a lot of thought has gone into choosing the topics and readings for the course, so I find that a very well constructed course is formed.

Student: 10

<u>Reason:</u> Elective within major or minor <u>Reason:</u> Reputation of the instructor

Additional Reason(s):

Effort: I put a lot of time into doing the readings and homework because the course material was very interesting.

<u>Understanding & Appreciation</u>: This class helped open my eyes to how much work goes into environmental economic policy (something I had never thought about before).

Intellectual Growth:

Quality: The professor was very accessible, led interesting lectures, and was able to teach his material in a very successful way.

Student: 11

Reason: Elective within major or minor Reason: Reputation of the instructor Reason: Interest in the course material

Additional Reason(s):

Effort: I regularly prepared for class through review of the notes and readings assigned.

<u>Understanding & Appreciation</u>: This course taught me how to approach environmental issues through an economist's point of view.

<u>Intellectual Growth</u>: It taught me how to quantifiably approach a problem outside of traditional ways of thinking. Furthermore, Professor Donovan encouraged us to look beyond the simple answer to a problem and find the true scope of a decision's impact. This has helped me both in the class room and real world to better approach problems and decision making situations.

Quality: I greatly enjoyed Professor Donovan's style of teaching. He maintained a good balance between lecture and discussion that properly engaged us as students. Professor Donovan's passion for the subject matter was clear and he worked each day to foster the same passion for environmental economics within us. From his course I have not been able to witness any weaknesses of his teaching style, and I hope that my future professors here at Colgate are like him!

Student: 12

Reason: Elective within major or minor

Additional Reason(s):

<u>Effort</u>: I had to put in lots of effort into this class because economic theory isn't something that comes easy to me. As a result, I spent time watching videos and reading books making sure I understood the content of the course

## Student Evaluation of Teaching

Instructor: Donovan, Pierce Course: Environmental Economics

#### 17 surveys / 18 enrolled in ECON 228 A (MWF 0810)

<u>Understanding & Appreciation</u>: I learned that there is a whole other side to economics that isn't just based on physical monetary value. The environmental side has you doing lots of theoretical work but also creating expansive models to calculate prices for values of statistical lives and stuff.

<u>Intellectual Growth</u>: Environmental econ has taught me that you need to fully look at an issue from all angles in order to understand it. As we looked at in class, many issues that we have today with regard to the environment are because we didn't fully weigh the benefits and costs in the past.

Quality: The quality of teaching is very high as Prof. Donovan is extremely knowledgeable and passionate about the topic. Being about to connect with him over something you both thought was important or interesting was very easy. The only issue in my perspective was how we just came to class and he presented us slides everyday, although i'm not sure the information could have been taught in a more effective manner.

Student: 13

Reason: Major or minor requirement

Additional Reason(s):

<u>Effort</u>: Most of the effort for this course came from paying attention in lectures, understanding the content presented, and then applying those concepts to the homework. There was some outside of class work, which consisted of annotating readings, which also took a bit of time.

<u>Understanding & Appreciation</u>: I didn't exactly know what environmental economics was before this course, and feel like that has greatly changed over the last semester. I've grown to really appreciate and enjoy environmental economics, and have taken time outside of class to look more into the issues discussed in lecture. Professor Donovan has done a really fantastic job facilitating my development in this subject, and I know that I have a greater appreciation of the coursework as a result of this semester.

<u>Intellectual Growth</u>: A lot of the work in this course emphasizes critical thinking and problem solving. I think that these two skills are broadly applicable, and will help me in higher level economics courses in the future.

Quality: I think Professor Donovan is a fantastic professor, and I would consider myself extremely fortunate if I had the opportunity to take another class with him in the future. He does a great job presenting the course material and developing fair assessments to test your retention of that knowledge. Additionally, Professor Donovan has made an effort to modulate the work load in accordance with projects and his knowledge of when other professors start to ramp up their work. I really appreciate this, and think it is indicative of his care for the wellbeing and overall experience of the students in this class. On a broader note, Professor Donovan is extremely well organized and makes expectations/due dates clear from the first day of class. Overall, I think Professor Donovan did a great job this semester and I'm extremely glad that I had the opportunity to take this course.

Student: 14

Reason: Major or minor requirement Reason: Interest in the course material

Additional Reason(s):

Effort: I put a few hours a week into readings and homework for this class.

<u>Understanding & Appreciation</u>: I learned a lot about how economists place value in the environment and what methods they use. I also got to see how environmental economics is used in the real world.

<u>Intellectual Growth</u>: This class helped me to think about how economists place value on non market goods and focused on more abstract concepts in economics that have helped me in my other economics courses.

<u>Quality</u>: I think that the material was presented in an interesting way and the instructor was very accessible. The class is very early in the morning, but even so, Professor Donovan encouraged students to ask questions and provided insightful responses. Perhaps a weakness of this course is that the standards for grading were at times unclear. Assignments usually did not come with a clear rubric for grading.

Student: 15

Reason: Major or minor requirement

Additional Reason(s):

Effort: This course required a good amount of effort. The homework assignments that we had required critical thinking and would often take a while to complete. The readings also required effort in order to gain a conceptual understanding of them.

Understanding & Appreciation: This course gave me an overview of environmental economics. Going into the class, my knowledge of the subject was very limited, but I now feel that I have a good basic understanding of the material.

Intellectual Growth: This course contributed to my critical thinking and writing abilities. The course was centered around writing assignments that involved analyzing scholarly work. Doing these assignments allowed me to really think through environmental issues and advance my critical thinking skills.

Spring 2021

Instructor: Donovan, Pierce Course: Environmental Economics

#### 17 surveys / 18 enrolled in ECON 228 A (MWF 0810)

Quality: I think Professor Donovan did an excellent job at teaching this course. He was always accessible and eager to help all students. It is clear that Professor Donovan is passionate and knowledgeable about the course material. I think that the course as a whole was put together well and allowed for a good understanding of environmental economics.

Student: 16

Reason: Major or minor requirement
Reason: Elective within major or minor
Reason: Reputation of the instructor

Additional Reason(s):

Effort:

**Understanding & Appreciation:** 

Intellectual Growth:

Quality:

Student: 17

Reason: Major or minor requirement
Reason: Elective within major or minor

Additional Reason(s):

<u>Effort</u>: I would say that I put an average amount of effort into this course. This has been very similar to my other courses work wise and there were oney a few times during the semester I felt stressed or overloaded due to this course, which is not necessarily a bad thing.

<u>Understanding & Appreciation</u>: Before this course I had little to no understanding of the interaction between a market system and managing the environment however after taking this course the material conveyed the concepts clearly and grew my appreciation for environmental economics. Although lectures could be long, the material was never too confusing and was always organized in such a way that helped to clarify the concepts by going through examples.

<u>Intellectual Growth</u>: I have found myself looking at issues brought up in the news in a new light and coming from a more objective and economic background to all allocation problems and such environmental problems such as flaring which BP has promised to stop by 2025. I feel I have taken what has been taught in class and am constantly applying it to real world scenarios.

Quality: The teaching of this course was done well. It felt like a very standard lecture style class that could be improved with more conversation in class. Working with peers on the homework was one of the most beneficial aspects of the class as I was able to work through the concepts from class in a different example while discussing with my peers about what they thought and how they would apply the theories.

## Student Evaluation of Teaching

Instructor: Donovan, Pierce Course: Environmental Economics

14 surveys / 18 enrolled in ECON 228 B (MWF 0920)

Student: 1

Reason: Major or minor requirement

Additional Reason(s):

Effort: I put a good amount of effort into this course, the same amount of effort that I put into all the Econ classes I have taken at Colgate. Most of the effort I put towards this class was towards the HW and term paper assignments. I feel that one thing I could have done better was attending class in person as well as going to office hours more, since I struggled with a few specific ideas/topics.

<u>Understanding & Appreciation</u>: As someone who has studied environmental science in the past, learning how people, governments, and firms weight the costs of pollution and future environmental consequences with the benefits that come from using earth's resources in the present day and how that concept applies to key environmental industries like forestry, fishing, and conservation helped me appreciate the value economic ideas and theories are towards coming up with manageable solutions/steps to tackling environmental issues.

<u>Intellectual Growth</u>: This class helped me grow in my critical thinking about economic concepts and how to apply those concepts to my everyday life and other classes i took this year.

<u>Quality</u>: I thought that Professor Donovan was extremely knowledgable in the concepts and ideas discussed throughout the class, and also provided many resources which were helpful to me to gain critical understanding of many of the ideas taught in class. One thing that i think could be improved is Professor Donovan's idea of front-loading. When Professor Donovan mentioned this in class, I took it to heart on the HW however I feel like the front-loading concept could be applied to many of the benchmarks of the Term Paper.

Student: 2

Reason: Major or minor requirement Reason: Interest in the course material

Additional Reason(s):

Effort:

Understanding & Appreciation:

Intellectual Growth:

Quality:

Student: 3

Reason: Major or minor requirement
Reason: Elective within major or minor
Reason: Interest in the course material

Additional Reason(s): n/a

Effort: I worked very hard in this course.

Understanding & Appreciation: This course enhanced my appreciation and understanding greatly.

<u>Intellectual Growth</u>: This course has helped me apply the lessons we learned to real time current events and has helped foster a new way of thinking about environmental management.

Quality: I think this course was really well taught. Only two thing I would change would be the difficulty to participate in class. Think the course would have benefitted from more discussion or question opportunities. In addition, I think grading standards were a bit unclear at times. It was difficult to know the exact concept we were expected to write about for certain assignments, so some clarity would have gone a long way. Otherwise, Professor Donovan was an excellent teacher. He has a clear passion for this subject that comes out through his lectures. He works hard to find time for us as students which is VERY VERY rare in Colgate's Economics department.

Student: 4

Reason: Major or minor requirement

Additional Reason(s): N/A.

<u>Effort</u>: I believe I have put a considerable amount of effort in this course. I took each assignment relatively seriously since the material can be intensive.

<u>Understanding & Appreciation</u>: This course contributed to the development of my critical thinking by applying environmental economic models to real cases and problems. I gained a new perspective on how to deal with environmental issues not from a social justice lens, but an economic one.

<u>Intellectual Growth</u>: Like I previously mentioned, this course is relatively theory based but introduces how environmental economists address environmental issues whether it stems from measuring the value of ecosystem services to ensuring an optimal extraction of non-resources that have associated benefits and costs (private and social) within a dynamic model.

Instructor: Donovan, Pierce Course: Environmental Economics

#### 14 surveys / 18 enrolled in ECON 228 B (MWF 0920)

<u>Quality</u>: Professor Donovan clearly enjoys teaching this subject. I could make such judgment just based on the quality of his in-class teaching. His presentations are informative and interesting and yet not monotonous. In office hours, Professor Donovan truly cares about your interests in the related subject and your entire understanding as well.

Student: 5

Reason: Major or minor requirement

Reason: Exploration of possible major or minor

Additional Reason(s): environmental studies major, considering ECON as my depth in field of study

<u>Effort</u>: read and comment on assigned readings for each class, 4 homework assignments, final paper: draft, presentation, and final, office hours for homeworks and final paper, make your own final homework question

about 30 mins-1 hour was average time for readings, about 1-2 hours for homework assignments

<u>Understanding & Appreciation</u>: this class has really showed me how interested I am in the intersectionality of econ and enst and the policy behind regulations

<u>Intellectual Growth</u>: the homework's were to be short and concise which allowed me to realize the main point and get it off accurately and quickly... importance of conveying meaning in a short limit

Quality: Donovan is very kind and welcoming. he does a good job guiding us through lesson plans and assigns a good balance of homework. he is always willing to meet and answer questions, in office hours he leads you to finding an answer without telling you it which contributes to students growth and appreciation

Student: 6

Reason: Major or minor requirement
Reason: Elective within major or minor
Reason: Interest in the course material

Additional Reason(s):

<u>Effort</u>: I put in the amount of effort expected. The Professor did a good job of detailing approximately how long the homework assignments would take, and I would say I worked on them for about that long. Additionally, I read all the assigned reading and contributed questions and answers during class.

<u>Understanding & Appreciation</u>: Overall, I think this course motivated me to keep learning about such environmental economic issues and to continue this learning on my own. I gained a better understanding of economics as a whole, as this class took a different approach than a traditional microeconomics or macroeconomics route.

<u>Intellectual Growth</u>: I was able to learn about economics in a different sense and was able to apply the knowledge I gathered from other classes to this one, which is a very important part of education. This class built on preexisting knowledge as well as introduced a new policy oriented way of finding solutions to environmental issues.

Quality: The quality was overall good. I would say specific strengths were organization and just being a personable and approachable professor. The subject matter clearly showed care for the material, which is always good for encouraging student engagement. However, my greatest critique is to slow down a little an invite questions. I feel like often it is challenging to interject and ask a questions in the middle of lecture, so by slowing down, it would allow students to absorb the material for a second and ask questions in-class. But, as a whole, I did enjoy this class and would like to continue learning about such subject matters.

Student: 7

Reason: Major or minor requirement

Additional Reason(s):

Effort: I put a substantial amount of effort into this course. Environmental economics was my most challenging course of the semester.

<u>Understanding & Appreciation:</u>

<u>Intellectual Growth</u>: Unlike other economic courses, environmental economics forced myself to think and explain economic principles in a written form.

Quality:

Student: 8

Reason: Elective within major or minor

Additional Reason(s):

Effort:

**Understanding & Appreciation:** 

Intellectual Growth:

## Student Evaluation of Teaching

Instructor: Donovan, Pierce Course: Environmental Economics

14 surveys / 18 enrolled in ECON 228 B (MWF 0920)

Quality:

Student: 9

Reason: Major or minor requirement

Additional Reason(s):

<u>Effort</u>: This class required a lot of effort on my part with keeping up with the readings and homework, as the class has no exams. I put in equal effort into this class as my other economics clases.

<u>Understanding & Appreciation</u>: I was really interested in environmental economics, and the class offered and taught me exactly what I thought it would. I learned more applicable concepts than any other class before.

<u>Intellectual Growth</u>: This class, like other economics classes, taught me how to think critically and draw connections to a multitude of concepts from a single problem.

<u>Quality</u>: Very high quality of teaching. Professor Donovan is a very good instructor, but definitely does not accept any BS from any of his students, and is a very straight-forward and kind person.

Student: 10

Reason: Major or minor requirement Reason: Reputation of the instructor Reason: Interest in the course material

<u>Additional Reason(s)</u>: Exploration into a possible thesis.

<u>Effort</u>: Compared to most economics classes, this one made me think critically about real-world applications and not theory. This class pushed me to check and improve my own work, prior to seeking help, and to go past the guidelines and find my best work. I spent a lot of time improving my work and doing hard work for class.

<u>Understanding & Appreciation</u>: This class gave me a great expanse of knowledge that I did not have before. I more than ever can appreciate being an economics major.

<u>Intellectual Growth</u>: I felt like I was treated as an adult and was talked with rather than talked at. Because of that I participated more and learned how to expand the ways in which I think.

<u>Quality</u>: Best teacher at Colgate. He is without question a professor that makes this school better. Not only is he a great teacher in the classroom and understands the content and how best to explain it, but he also knows how to connect with students. I try the hardest in his class because I feel like he deserves to see my best work because he gives it his all.

Student: 11

Reason: Major or minor requirement

Reason: Exploration of possible major or minor
Reason: Elective within major or minor
Reason: Interest in the course material

Additional Reason(s):

<u>Effort</u>: I placed a good deal of effort in this course, taking diligent notes and always spending a solid amount of time on the homeworks/assignments.

<u>Understanding & Appreciation</u>: This course incredibly added to my understanding/appreciation of environmental economics. It reshaped how I thought about environmental problems, and taught me a framework in which to address and actually solve these problems.

<u>Intellectual Growth</u>: This course really made me understand how economics in general operates as a framework for understanding and solving problems. The tools/framework I learned in this course will carry with me throughout my future courses.

Quality: This is the fourth economics course I have taken at Colgate, and the quality of teaching in this course is easily tied for the best I have experienced. Every day Professor Donovan comes to class prepared with lecture slides that 1) actually help us learn the material in an interesting way, and 2) are designed for us to think critically/independently about the subject matter. The effort Professor Donovan puts into class, whether that be the lecture he prepares or his upbeat enthusiasm when discussing the course material, shows that he really cares.

Student: 12

Reason: Elective within major or minor

Additional Reason(s):

<u>Effort</u>: I put a lot of time into reading the material detailedly (and my peers comments on hypothesis). I also read outside news articles and listened to outside podcasts that help me stay current on events which I think contributed to a greater understanding of the course material.

## Student Evaluation of Teaching

Spring 2021

Instructor: Donovan, Pierce Course: Environmental Economics

14 surveys / 18 enrolled in ECON 228 B (MWF 0920)

<u>Understanding & Appreciation</u>: It made me look at economics in a broader way. It made me realize that it is a way of thinking and an efficient way to help create policy.

<u>Intellectual Growth</u>: I think it made me look at the world as having more problems than I would have before (more environmentally and more human inflicted). But it also showed me that many and most of these problems have solutions and economics can be applied to best help solve the problems/make the problems better.

Quality: Professor Donovan is a very organized Professor and is obviously passionate about what he is teaching (which makes his students more passionate about the material as well). I really enjoyed the lecture slides organized by material and how he would write on them as I think this made the class very engaging. I also liked that our homework was mostly reading news that were mostly environmentally orenitated so that we were able to apply the economics to it ourselves. I'd love to take another class with this Professor.

Student: 13

Reason: Elective within major or minor

Additional Reason(s): Effort: High effort.

Understanding & Appreciation: Learned much more about economics in the environment.

Intellectual Growth: Course had challenging assignments that forced you to engage with the class material.

Quality: Great class; I thank the Professor.

Student: 14

Reason: Major or minor requirement

Additional Reason(s):

Effort: The assignments in the class were effectively split up so that there was never an overload of work at one time. It did take an appropriate amount of effort to do the readings, homework, and other essay assignments. Nothing extreme or too easy.

Understanding & Appreciation: Really deepened my understanding of environmental economics and its application. Course was taught excellently and provided a wide variety of avenues to gain understanding and appreciation of its significance.

Intellectual Growth: Course was connected to so many different subjects and areas that allowed for a great intellectual growth beyond simply the course materials. The problem solving methods taught and used are widely applicable and the information goes beyond just the environment or economics.

Quality: This was the highest quality economics class I have taken at Colgate. The workload was manageable and very thoroughly thought out. The teacher was very knowledgeable and accessible. Class material was clear, interesting, and engaging. Particularly appreciated the relevant current knowledge and references. I really hope to take another course with this professor.