

**Student answers to the question (asked at the end of the term), “Has this course changed your view of science in any way? If so, how?”**

<u>Course grade</u>	<u>Answer</u>
A	Yes it has- It helped me find a curiosity within myself about the nature of things- it helped me find an interest in science and helped me see the philosophical impact in my life of discussion of the nature of the universe.
C+	I remember you asking us on the first day of class how many of us liked science and no one raised their hands. I was hoping you would do the same today. I'll bet 100% would have their hands raised. This class was very enjoyable... and you made me want to learn science rather than just memorize for the first time in my life. I am excited about next quarter and hope our next prof has challenges as well. Thank you.
B	Yes, It made me see that science is a way for me to understand the world around me. I learned about the universe I live in and it made me see that in order to understand and articulate what is going on in the universe I need to observe and prove ideas. This course was very interesting and enjoyable.
C	Yes. It is not just useless data or memorization, it is something that I can apply to everyday life. It has renewed my interest in all sciences and also has given me info that my parents and relatives do not have. Thus allowing me to dazzle them with my intellect.
A	I have found that the best science is not analyzing the past solely, but using the past data to predict the future. This can be highly useful for for things beyond science including economics or social studies. “Science is a way of not fooling ourselves” b/c by predicting we can't let our internal biases get in the way and this leads us closer to “truth”. Yes.
C-	Yes. I never saw science as being philosophical or theoretical..I mean all the other science classes I've taken have only required me to memorize stuff whereas in this course I've had to think..hard.
C+	This class has actually made science fun again! Interesting topics, presented in a rigorous environment have been a great success. As far as a view on science, it has definitely shown that the amazing thing about science is that everything is up for contest and that every conclusion reached from recent ones to Einstein's special theory of relativity, can be falsified at any moment.
B	Science seems more approachable than it did earlier.
A-	It absolutely and unbelievably has . I hated science in general and found it boring before with no previous exposure to astronomy. I love astronomy and reading on it, though many things are hard to under-

stand and am buying a telescope .... Hopefully this will continue to broaden my view of science in the future and inspire me to learn more.

- B+ I learned I can actually understand some parts of science, which I once doubted my ability. I have also seen how science can be put to everyday life, or rather how much of our everyday life really is science. As I was studying for the final I came across a quote from Mark Twain's "Life on the Mississippi" which was in our book I can not remember it exactly but it had something to this effect: In science we look for one small fact yet end up with much more information. It was a wonderful quote that sums up science and my experience in this class.
- B Yes, science can be fun and even understandable to the average "non-science" person. In fact, I've learned that contrary to my nearly life-long belief anyone can learn about something scientific, even a subject as as astronomy. Science is helpful for everyone because it teaches us that, through hypothesis, experimentation, prediction and confirmation of predictions, we have an excellent way of not 'fooling ourselves'.
- B It has really helped me feel like a part of the universe. Before I felt detached. My view of science, then has gained a philosophical component that wasn't there before. I often question scientific evidence in a more informed way. I also view science as something that is intelligible even to me, without having to be as smart as Einstein.
- B+ Yes- this is the first time I've been able to recognize science in my everyday life. It has given me skills to figure out why things happen which in turn, makes me much more aware.
- A Yes it has. Science doesn't have to be boring number crunching and practice problems. In addition, scientists don't claim to be omniscient. Many are only as good as there last data.
- B+ I feel science is more applicable to everyday life. I can see it more in things I experience everyday. Moreover, I find science much more imaginative. I still have to work on visualizing the curvature of time. I think that's truly fantastic idea.
- C Yes, I've come to believe that science has a lot more to do with people on a daily basis than I used to think.
- A- Yes, It's funny to say but I think it will make me a better parent. Now I know how to answer "childlike" questions like why is the sky blue? Or why the sun shines? With very "adultlike" answers.
- B Yes, I not only have the confidence to talk about astronomy but more importantly I am now able to think scientifically which enables me to challenge claims, analyze everyday data, and come to my own conclusions.
- B+ I've never "tried this at home" before, but in this class the three of us

in Chamberlin were dropping cups of water, searching for prisms and otherwise gleefully driving the rest of the house nuts in the pursuit of science.

- A It may sound silly, but I feel like science is doable and interesting now. Before, all science classes taught me were how to push around blocks on an inclined plane or how to draw some chemical compound, but not why I was drawing it. Application to my life is important to me. My roommate is constantly telling me how sexy of a subject calculus is but I think astrophysics is more so, because it's hands on and there is still a lot to be found out.
- C Yes, I have come to the great realization that science is not necessarily an evil thing and that scientists are not cold, calculating people. Science is better than I thought.
- A- Yes, it definitely has. This has been the most interesting science class I've ever taken. I actually went on the internet to learn more about space exploration, news and research. This class showed me that science can be cool. Also that I much prefer astronomers over physicists.
- B Yes, it has made science much more interesting mainly because of the debate and theory involved. I am intrigued by the fact that science does not have all the answers but can be used as the means to find them. I think it is very good when answers are found but they are still in question. This uncertainty keeps it going in the future.
- A Yes, before I wanted to believe science explains everything and things proven by science is always right. This course taught me that we have to be critical with science too and we must analyze all the data provided for us before we reach a tentative conclusion.
- B+ This course has changed my view of science in many ways. I once looked at science as something to memorize and complain about, although I always had an interest in it. I now see science as something all around me. I can relate the sky to the earth and comprehend what's going on. I find myself walking with my friends at night pointing to Jupiter and Saturn and telling them about the moons of Jupiter that I've seen through large and small telescopes and on the screen of a computer... In fact, I've learned more than I ever imagined in this class and I'm ready to tell everyone what I know.
- A- Yes it has made me more interested in questioning the things I read, see, and listen to. And given me the confidence in knowing that I can figure things out on my own.
- A Yes it seriously has! This is going to sound like a cheesy suck up answer but it is so true-I always pretty much hated science always, and I came to this class to fulfill that 'horrid' science requirement imposed upon me. But after being in this class, oh my gosh, I think I actually like science now! I found I enjoyed what I was learning. So yes by trying something I didn't think I would like and liking it, I would say this class really changed my views of science. I am glad that I transferred into this class definitely!

