

Personal Statement Examples For Physics

Example 1

One of the most appealing features of Physics is the way that complex physical phenomena can be explained by simple and elegant theories. I enjoy the logical aspect of the subject and I find it very satisfying when all the separate pieces of a problem fall together to create one simple theory. My interest and aptitude for maths adds an extra dimension to Studying science, particularly Physics. I relish the challenge of a complicated problem both in physics and mathematics. I am also a keen practical physicist, during a degree I would like to keep in touch with the practical side of the subject.

My interest in science extends outside the classroom. I keep up to date with new developments and ideas by reading around my school subjects in books and also in journals such as "New Scientist" and "Scientific American". I have read books by Richard Feynman, Richard Dawkins and Ian Stewart, I also particularly enjoyed John Archibald Wheeler's "A Journey into Gravity and Spacetime". These books challenge me in a way that is very different from the way in which I am required to think at school.

Over the summer holidays of 2001 I arranged three weeks of work experience in the Department of Materials Science at the University of Oxford. During this time I worked with three different research groups studying the atomic structure of surfaces, use of the 3D atom probe, and the structure of magnetic storage surfaces. The work on magnetic surfaces was particularly exciting because it was a new development that could have a significant impact. I also wrote some documents for them, such as a guide to help students find Materials Science resources on the Internet. The whole experience was very useful because I had to apply what I had learnt at school to unfamiliar areas, thus using my brain in an entirely new way.

I am a keen sportsman both in and out of school, having represented my school, and the Oxford Devils' under-17 team, at basketball. For the past three years I have played cricket for the school team, being captain for two years I have been in the Oxfordshire cricket squad for my age group since the age of thirteen and have been a senior player at Bicester and North Oxford-Cricket Club since 1998. Playing team sports has taught me a lot about the importance of team work and I believe I can apply this in a working environment. Recently, I discovered an enthusiasm for scuba diving, and have achieved my open water diving license.

During my time at university I aim to get a first class education that will stand me in good stead for entering the world of work; I also want to continue my education in an environment in which I can thrive mentally. In return, the university will get a student who is hard working, always willing to learn and will put something back into the community.

Example 2

I have chosen to study a degree in Physics because I take a keen interest in the subject at 'A' level, and I find Physics deals with the most fundamental concepts, which in turn helps me to understand more complicated parts of everyday life.

I have a particular interest in the Mechanics side of Physics, and I feel that my study of Mathematics 'A' level helps with my understanding of this a great deal. I greatly enjoy the Mechanical side of Mathematics and achieved 100% in the AS Mechanics module. The Chemistry 'A' level I am currently studying also helps with my grasp of nuclear physics and understanding of many processes involved in Physics. The 'AS' level I have completed in Geography gives me a different view on the world in general, and I feel studying a less 'scientific' subject has also helped me to better understand people and society.

Outside College one of my main hobbies is Model Rocketry, in which I have designed and flown many models. This has greatly helped my understanding of many principles involved in Physics, and I thoroughly enjoy the challenge of designing and building something myself, often using concepts in the design that I have learned in Physics 'A' level.

I also completed one week's 'Work Experience' with Cumbria Constabulary, which taught me many skills, both dealing with people and organisation skills in the office. During this time I visited many departments, which showed me a wide range of workplaces and types of work.

I take an active part in school life, and was part of an engineering team that came 3rd in the Student Innovation Challenge 2001 Semi Finals. I also voluntarily help the younger year groups in Mathematics

I am a keen Inline Skater and regularly practice, and also am the Webmaster of a site that teaches others about the sport. I have entered a number of regional competitions, and won several prizes. I enjoy the challenge of competition, and the sense of achievement at succeeding in the sport, and I feel that this helps me to relax and have a less strenuous side to life, being a sport based on imagination and individuality, rather than strict rules.

I have also been involved in the Scouting movement for the last 10 years, and being a member of the Scout Troop taught me many improvisation and problem solving skills, as well as working in a team to achieve a common objective. Helping to run the Scout Troop taught me to deal with younger people, and to organise activities and think of new ideas for things to do as a Troop.

I am looking forward to continuing to develop my great interest in Physics at university. I am currently looking at the diverse range of options that would be available to me employment-wise following a degree in this field.