Dye-sensitized solar cells (DSSC) are a cheap and easily fabricated version of solar panels; however, they degrade easily under ultraviolet (UV) light. In this experiment, DSSC were fabricated and then exposed to UV light in order to test the rates of degradation under different types of UV protection. Three types of protection were tested: a red light filter, a UV protective coating applied to the exterior of the cell, and a UV protective coating applied to the interior of the cell. When compared to control, both UV coatings resulted in statistically significant reductions in degradation, but the light filter showed no significant difference. Thus UV protective coating is established as an effective method of limiting the degradation of dye-sensitized solar cells.