



## FAQ: Does intelligent design contribute to other fields of science?

Yes. Below is a brief listing of some of the scientific fields where ID provides a framework for predicting, understanding, and explaining the patterns we observe in nature:

- **Biochemistry**, where ID explains and predicts the presence of high levels of complex and specified information in proteins and DNA;
- **Genetics**, where ID predicts and explains function for so-called "junk" DNA while neo-Darwinism stifles such research;
- **Systematics**, where ID explains why there are similarities between living species, including examples of extreme genetic "convergence" that severely conflict with conventional evolutionary phylogenies;
- **Cell biology**, where ID explains why the cell resembles "designed structures rather than accidental by-products of neo-Darwinian evolution," allowing scientists to better understand the workings of molecular machines;
- **Systems biology**, where ID encourages biologists to look at various biological systems as integrated components of larger systems that are designed to work together in a top-down, coordinated fashion, which is what biologists are finding is the case;
- **Animal biology**, where ID predicts function for allegedly "vestigial" organs, structures, or systems whereas evolution has made many faulty predictions here;
- **Bioinformatics**, where ID explains the presence of new layers of information and functional language embedded in the genetic codes, as well as other codes within biology;
- **Information theory**, where ID encourages scientists to understand where intelligent causes are superior to natural causes in producing certain types of information;
- **Paleontology**, where ID's prediction of irreducibly complexity in biological systems explains paleontological patterns such as the abrupt appearance of biological life forms, punctuated change, and stasis throughout the history of life;
- **Physics and Cosmology**, where ID encourages scientists to investigate and discover more instances of fine-tuning of the laws of physics and properties of our universe that uniquely allow for the existence of advanced forms of life;