

**PHIL S-140. Introduction to Logic (CRN: 30200)**

*Russell Wahl PhD, Professor of Philosophy, Idaho State University*

This course is an introduction to modern formal logic. Students will learn truth-functional and quantificational logic, with special attention to systems of natural deduction, the concepts of validity and invalidity, and the analysis of the logical structure of complex statements. The course also will provide an introduction to some issues in metalogic, including the relation between the semantics and the syntax of a formal system.