

Philosophy 3334
Spring 2018
Study Guide for Exam 1

The first exam (in-class Thursday, March 8th) will cover all of the material that we have discussed in class and in the assigned readings for the first eight weeks of the course. That is just *The Selfish Gene*.

You should know the main theses and main arguments for those theses of each of the book chapters.

Here is a list of some key terms from the book. You should know what each of the following terms means and how they are relevant to the class. This is not an exhaustive list.

Altruism vs. selfishness
Group selection
Replicator
Gene vs. allele vs. cistron
How genes control bodies and behaviors
Evolutionarily stable strategy
Evolutionarily stable set
Hawk-Dove game
Greenbeard effect
Hamilton's rule
Kin selection
Coefficient of relatedness
Child bearing vs. child caring
Coy vs. fast and philanderer vs. faithful
Handicap hypothesis
Prisoner's dilemma
Tit-for-tat strategy
Meme
Extended phenotype
Reproductive bottleneck