

Universidade Federal de Ouro Preto
BCC502 - Metodologia Científica para Ciência da Computação
**Ciência como conhecimento derivado dos fatos da
experiência**

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1 What is science?

1. What is science?
 - (a) Seems simple.
 - (b) Physics, Chemistry, Biology are.
 - (c) Music, art, theology are not.
 - (d) That is not it?
 - i. What is the common feature all the things on this list share?
 - ii. What it is that makes something a science?
 - (e) One could say that science is just an attempt to understand, explain and predict the world.
 - (f) Isn't that what religion tries to do?
2. Is science a particular set methods?
 - (a) Use of experiment
 - i. Astronomers cannot do experiments with planets, stars, black holes.
3. Philosophy of science
 - (a) What is science?
 - (b) Why experimentation, observation, and theory construction have enabled scientists to unravel so many of the nature's secrets?
 - (c) Should we trust science? Why?
4. Origins da Ciência moderna
- 5.