Here you will find the reading list for the course HV0176

(this may be updated with additional scientific articles and reports)

What is this thing called science by Alan Chambers   
ISBN: 9780335262786   
Book in scientific theory read about: Logical positivism, Critical rationalism; Falsification principle; Hypothesis - deductive thinking.

[God research practice](http://slunik.slu.se/kursfiler/HV0118/20144.1718/God_research_practice_2011_03.pdf)   
Report by Vetenskapsrådet (VR)   
To read before lecture by Per Sandin

[Debunking handbook](http://www.skepticalscience.com/docs/Debunking_Handbook.pdf)   
To read before Dan Larhammars lecture and seminar

[Out of sight of wind turbines—Reindeer response to wind farms in operation](https://onlinelibrary.wiley.com/doi/full/10.1002/ece3.4476)  
Skarin A, Sandström P and Alam M   
To read before lecture and seminar by Anna Skarin

[Do human activity and infrastructure disturb domesticated reindeer? The need for the reindeer’s perspective](https://link.springer.com/article/10.1007%2Fs00300-014-1499-5)

Skarin A and Åhman B

To read before lecture and seminar by Anna Skarin

[Whole-Genome Sequencing of a Canine Family Trio Reveals a FAM83G Variant Associated with Hereditary Footpad Hyperkeratosis](http://www.g3journal.org/content/6/3/521.long)   
To read before lecture by Tomas Bergström

[A Mutation in the FAM83G Gene in Dogs with Hereditary Footpad Hyperkeratosis (HFH)](http://journals.plos.org/plosgenetics/article?id=10.1371/journal.pgen.1004370)   
To read before lecture by Tomas Bergström

[Efficient mapping of mendelian traits in dogs through genome-wide association](http://www.nature.com/ng/journal/v39/n11/full/ng.2007.10.html)  
To read before lecture by Tomas Bergström

[Genome sequence, comparative analysis and haplotype structure of the domestic dog](http://www.nature.com/nature/journal/v438/n7069/full/nature04338.html)   
To read before lecture by Tomas Bergström

[Mast cell sectretory granules: armed for battle](http://slunik.slu.se/kursfiler/HV0118/20144.1718/Mast_cell_secretory_granules,_Review.pdf)   
To read before Magnus Åbrink lecture

[Comparison of developmental toxicity of seven perfluoroalkyl acids to zebrafish embryos](https://www.sciencedirect.com/science/article/pii/S1382668913001178) Ulhaq et al. 2013. To read before Gunnar Karlsson lecture.

[The Vancouver Protocol](http://www.research.mq.edu.au/documents/policies/Vancouver.pdf)   
To read before the lecture and seminar about scientific writing

[Beleif in the law of small numbers](http://slunik.slu.se/kursfiler/HV0118/20144.1718/belief_in_the_law_of_small_numbers.pdf)   
Amos Tversky and Daniel Kahneman   
To read before lecture by Moudud Alam

[Introduction to Sample Size Determination and Power Analysis for Clinical Trials](http://slunik.slu.se/kursfiler/HV0118/20144.1718/PowerCalc.pdf)   
John M Lachin   
To read before lecture by Moudud Alam

[Use, Overuse, and Misuse of Significance Tests in Evolutionary Biology and Ecology](http://slunik.slu.se/kursfiler/HV0118/20144.1718/pvalues.pdf)   
Nigel Yoccoz   
To read before lecture by Moudud Alam