

BIOL 740 Phylogenetic systematics

Topics

Week	Dates	Topic
1	Jan 19 – Jan 23	Introduction, orientation, and setting up
2	Jan 26 – Jan 30	Phylogenetic trees
3	Feb 02 – Feb 06	Phylogenetic inference
4	Feb 09 – Feb 13	Phylogenetic tree space
5	Feb 16 – Feb 20	Probability and likelihoods
6	Feb 23 – Feb 27	The phylogenetic likelihood
7	Mar 02 – Mar 06	Phylogenetic character models
8	Mar 09 – Mar 13	Bayesian statistics Bayesian phylogenetic statistics <i>SPRING BREAK</i>
9	Mar 16 – Mar 20	
10	Mar 23 – Mar 27	
11	Mar 30 – Apr 03. Note: Mon, Mar 30: no class (Spring recess), Wed, Apr 01: no class (Spring recess)	Bayesian phylogenetic analysis Species tree estimation Divergence time estimation Diversification rate estimation Trait evolution
12	Apr 06 – Apr 10	
13	Apr 13 – Apr 17	
14	Apr 20 – Apr 24	
15	Apr 27 – May 01	
16	May 04 – May 08	

The full schedule can be seen [here](#).