

| Day | Date | Material | Reading (complete before lecture!) | Assignment Due (at the beginning of lecture) |
|-----|---------|--|--|---|
| T | 26-Jan | Course introduction, syllabus, the scientific method | - | |
| Th | 28-Jan | The scientific method and hypothesis testing | N & V Ch. 1 | |
| T | 2-Feb | Natural selection, fitness, and adaptations | N & V Ch. 2 | |
| Th | 4-Feb | History of animal behavior: Tinbergen's 4 levels | N & V Ch. 3.1 and 3.3, and pdf | |
| T | 9-Feb | Methods of studying animal behavior | N & V Ch. 3.2 and 3.4 | |
| Th | 11-Feb | Behavioral genetics | N & V Ch. 4.1 - 4.2 | Literature review assignment |
| T | 16-Feb | Development of behavior | Dugatkin Ch. 4 pgs. 119-127 | |
| Th | 18-Feb | Hormones and behavior | Dugatkin Ch. 3 pgs. 70-89 | |
| T | 23-Feb | Personalities and behavioral syndromes | N & V Ch. 4.3 and Dugatkin Ch. 17 | |
| Th | 25-Feb | Exam 1 | - | |
| T | 1-Mar | Communication 1 | N & V Ch. 6 | |
| Th | 3/3/201 | Communication 2 | to be determined | |
| T | 8-Mar | Animal cognition and learning 1 | N & V Ch. 5.1 - 5.3, Dugatkin Ch. 3 pgs. 89-99 | |
| Th | 10-Mar | Animal cognition and learning 2 | N & V Ch. 5.4 - 5.6 | |
| T | 15-Mar | NO CLASS - SPRING BREAK | - | |
| Th | 17-Mar | NO CLASS - SPRING BREAK | - | |
| T | 22-Mar | Social learning and cultural transmission | Dugatkin Ch. 6 | |
| Th | 24-Mar | Biorythms | to be determined | Observations and hypotheses |
| T | 29-Mar | Foraging behavior, Optimal foraging theory | N & V Ch. 7 | |
| Th | 31-Mar | Anti-predator behavior and predation | N & V Ch. 8 | |
| T | 5-Apr | Exam 2 | - | |
| Th | 7-Apr | Dispersal and migration | N & V Ch. 9 | |
| T | 12-Apr | Navigation and habitat selection | N & V Ch. 10 | |
| Th | 14-Apr | Territoriality and aggression | to be determined | |
| T | 19-Apr | Sexual selection and mating behavior | N & V Ch. 11 | |
| Th | 21-Apr | Mating systems | N & V Ch. 12 | |
| T | 26-Apr | Parental care | N & V Ch. 13 | |
| Th | 28-Apr | Social behavior 1 | N & V Ch. 14 | SciShow assignment |
| T | 3-May | Social behavior 2 | to be determined | |
| Th | 5-May | Catch-up and Review | catch-up | |
| Th | 12-May | FINAL EXAM | - | 10:15am-12:15pm |