

Date		Subject	Other	Reading due on this date
Aug 20	Diversity of social systems	Introduction		Course syllabus (see website!)
Aug 22		Diversity of social behavior (classification)	Talks assigned; Tips on Talks 1	Gadagkar: Introduction chp1 pp1-15
Aug 24		How to characterize social groups	Assignment 1 given	Weimer: study skills pp214-223
Aug 27		Guest lecture Steve Lansing		Clark & Lansing: Priests and programmers (Foreword)
Aug 29		Scientific method for studying behavior; Tinbergen's questions; the role of sex in social groups		Krebs&Davies: scientific method chp 2 pp24-47
Aug 31		Invertebrates & eusociality	1. Talk on social behavior of a vertebrate animal (pick one)	McFarland: Sexual strategy and social organization chp10 pp141-161
Sep 5		What is an individual, what is a group?	2. Talk on social behavior of an invertebrate animal (pick one)	Maynard Smith & Szathmary: Evolving higher complexity
Sep 7		Social microorganisms	3. Talk on social behavior of something that isn't an animal	Assignment 1 due
Sep 10		Review & Discussion		Crespi: Review of social microorganisms (&Titles of all talks due!)
Sep 12		EXAM 1		-
Sep 14	Evolution of social behavior	Guest lecture Joanna Masel: Evolution		Kliman & Johnson: What every student should know about evolution
Sep 17		Exam review; assignment review	4. Talk on Raghavendra Gadagkar	Gadagkar: chp 1-3
Sep 19	Evolution of social behavior	Neurobiology of behavior	Assignment 2 given; Tips on writing	Mery & Kawecki: Fitness cost of learning
Sep 21		Evolution of behavior	5. Talk on heritability of social behavior	Krebs&Davies: Evolution of behavior chp 1 pp4-23
Sep 24		Cooperation & altruism	6. Talk on leafcutter ants	Gadagkar: chp 4-5
Sep 26		Group selection	7.Talk on an example of altruistic behavior 8. Talk on cooperative behavior	Dugatkin: Why cooperate? pp1-37
Sep 28		Kin selection	9. Talk on related social group 10. Talk on eusocial group	Nowak & Sigmund: Indirect reciprocity
Oct 1		Other reasons for apparent altruism	11. Talk on a benefit of social behavior	Gadagkar: chp 6-8
Oct 3		Evolution of sociality	12. Talk on Richard Dawkins 13. Talk on E.O. Wilson	Gadagkar: chp 9-10
Oct 5		Benefits of sociality I	14. Talk on Bill Hamilton 15. Talk on John Alcock	Krebs&Davies: Living in groups p120-146

Oct 8		Benefits of sociality II	16. & 17. Talks (free topics)	Krause&Ruxton: What is the optimal group size? chp 4 pp55-72
Oct 10		Review & Discussion social evolution	18. & 19. Talks on costs of social behavior Assignment 3 given	Assignment 2 due
Oct 12	Social interaction	Conflicts and resolution	20. & 21. Talks (free topics)	Herre et al.: Evolution of mutualisms
Oct 15		Communication	22. & 23. Talks (free topics)	Krebs&Dawkins: Mind-reading & manipulation pp380-402
Oct 17		Collective behavior	24. & 25. Talks (free topics)	Conradt&Roper: Collective decisions
Oct 19		Review mechanisms; review talks	Tips on talks 2	Assignment 3 due
Oct 22		MID TERM EXAM		-
Oct 24		Review exam; review assignments 2&3	26. Talk (free topic)	Camazine et al.: Self-organization in biological systems
Oct 26	Human social behavior	Guest lecture Mike Hammer: Human evolution		Kaessmann and Paabo: On human evolution
Oct 29		Humans: evolutionary psychology & behavioral ecology	Assignment 4 given	Alcock: chp14 Human behavior
Oct 31		Student talks	27. -. 31. Talks (free topics)	-
Nov 2		Student talks	32. – 36. Talk (free topics)	Ridley: Intro to ‘Origins of virtue’
Nov 5		Guest lecture: Alan Sanfey		Assignment 4 due
Nov 7		Human mind & genetics	37. Talk (free topic)	Pinker: Nature not nurture
Nov 9		Student talks	38. - 42. Talk (free topics)	Hellman: Nature vs. Nurture
Nov 14		Human mating	43. Talk (free topic)	Kendrick: Is criticism justified?
Nov 16		Discussion talks & course	44. - 45. Talk (free topics)	Diamond: Evolved human sex
Nov 19		Student talks	46. - 50. Talk (free topics)	Hauser: Morality in animals?
Nov 21	Human altruism, trust, & morality	51. Talk (free topic)	Diamond: Human evolution and social domesticated animals	
Nov 26	Talks	Student talks	52. - 56. Talk (free topics)	Sigmund, Fehr, Nowak: Fair play in humans
Nov 28		Student talks	57. - 61. Talk (free topics)	*read one optional reading*
Nov 30		Student talks	62. - 65. Talk (free topics)	*read one optional reading*
Dec 3		Review 1: Diversity and evol. of social behav.		Revised assignment due
Dec 5		Review 2: Evolution of altruism; human behav.		-
Dec 12 11am !		FINAL EXAM		-