BIO 327 – Advanced Neuroscience Course 2018

Tue Sep 18	13:30	Introduction to the Course	Y34K01
	14:00	Written Communication	
	15:00	Citations and Plagiarism	
	16:00	Sources of Information	
	16:30	How to Read a Paper	
Wed Sep 19	9:00	Scientific Talks – Theory & Practice Primer on Writing, Paper Distribution	13K05
Thu Sep 20	10:15	Rhetoric Exercise	13K53
Fri Sep 21	preparation		
Tue Sep 25	13:00	Brain Energy Metabolism SN NN / NN	Y13K05
Wed Sep 26	9:00	Sensorimotor Integration SN NN / NN	Y13K05
Thu Sep 27	10:00	Pain JZ NN / NN	34J02
Fri Sep 28	9:00	Symposium I (Student Papers)	34J02
Tue Oct 2	13:00	Circadian Rhythms JZ NN / NN	13K05
Wed Oct 3	9:00	Apoptosis in Neurons JZ NN / NN	13K05 tbc
Thu Oct 4	10:00	Vertebrate Color Vision SN NN / NN	34J02
Fri Oct 5	preparation		
Tue Oct 9	13:00	Written Exam	13K05 tbc
Wed Oct 10	9:00	Reversed Classroom	13K05 tbc

Final Grade: Paper Presentation (20%), Symposia (20% each), Expose (15%), Exam (15%) Participation (10%)

Symposium 1:
12 minutes talk on own chosen topic/paper

Symposium 2:
45 minutes per group

Reversed Classroom Topics:

Cortical circuits (e.g. place and grid cells) for animal navigation
Brain Circuits involved in Emotion
The role of dopamine in the reward system (with relevance for addiction)
Astrocytes and central nervous system plasticity