**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 13K05

Primer on Writing, Paper Distribution

Thu Sep 20 10:15 Rhetoric Exercise 13K53

Fri Sep 21 preparation

Tue Sep 25 13:00 Brain Energy Metabolism SN Y13K05

Seija / Sarah

Wed Sep 26 9:00 Sensorimotor Integration SN Y13K05

Luca / Adrian

Thu Sep 27 10:00 Pain JZ 34J02

Slaven / Robin

Fri Sep 28 9:00 Symposium I (Student Papers) 34J02

Tue Oct 2 13:00 Circadian Rhythms JZ 13K05

Kelly Jessica / Rahel

Wed Oct 3 9:00 Apoptosis in Neurons JZ 13K05

Aline / Kira

Thu Oct 4 10:00 Vertebrate Color Vision SN 34J02

Rachel / Naoko

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**

Luca, Adrian, Sarah

**Brain Circuits involved in Emotion**

Seija, Kira, Rahel

**The role of dopamine in the reward system (with relevance for addiction)**

Slaven, Aline, Robin

**Astrocytes and central nervous system plasticity**

Kelly Jessica, Rachel, Naoko