

## Schedule

### Note

Textbook reading assignments in the Watson & Breedlove text, *The Mind's Machine* will be indicated by the following shorthand: 'MM pp 3-15'. This means to read pages 3 to 15.

## Week 01

**Tue, Aug 26, 2025**

*Course introduction*

- *Read:* MM pp 3-16
- *Slides:* | [html](#) |

**Thu, Aug 28, 2025**

*History of neuroscience, levels of analysis, methods*

- *Read:* MM pp 3-16
- *Watch:* National Geographic (2014), NeuroBriefs (2011), Eames Office (2010)
- *Slides:* | [html](#) |

## Week 02

**Tue, Sep 2, 2025**

*Methods II*

- *Read:* MM pp 44-50
- *Watch:* National Institute on Biomedical Imaging and Bioengineering (n.d.), Video (2010), Understanding Animal Research (2009)
- *Slides:* | [html](#) |

**Thu, Sep 4, 2025**

*Neuroanatomy I*

- *Read:* MM pp 27-44
- Extra credit assignment due: [Canvas dropbox](#)
- *Slides:* | [html](#) |

## **Week 03**

**Tue, Sep 9, 2025**

*Neuroanatomy II*

- *Read:* MM pp 16-27
- *Slides:* | [html](#) |

**Thu, Sep 11, 2025**

*Neuroanatomy III; Quiz 1*

- *Slides:* | [html](#) |

## **Week 04**

**Tue, Sep 16, 2025**

*Cells of the nervous system; Neurophysiology I*

- *Read:* MM pp 20-27
- *Slides:* | [html](#) |

**Thu, Sep 18, 2025**

*Neurophysiology II*

- *Read:* MM pp 58-74
- *Slides:* | [html](#) |

## **Week 05**

**Tue, Sep 23, 2025**

*Neurophysiology III; Exam 1 Review*

- Slides: | [html](#) |

**Thu, Sep 25, 2025**

*Exam 1*

## **Week 06**

**Tue, Sep 30, 2025**

*Neurochemistry I*

**Thu, Oct 2, 2025**

*No Class*

## **Week 07**

**Tue, Oct 7, 2025**

*Neurochemistry II*

**Thu, Oct 9, 2025**

*Hormones*

## **Week 08**

**Tue, Oct 14, 2025**

*Quiz 2; Evolution*

**Thu, Oct 16, 2025**

*Development*

## **Week 09**

**Tue, Oct 21, 2025**

*Exam 2 Review*

**Thu, Oct 23, 2025**

*Exam 2*

## **Week 10**

**Tue, Oct 28, 2025**

*Psychopathology I*

**Thu, Oct 30, 2025**

*Psychopathology II*

## **Week 11**

**Tue, Nov 4, 2025**

*Election Day • No Class*

**Thu, Nov 6, 2025**

*Emotion I; Quiz 3*

## **Week 12**

**Tue, Nov 11, 2025**

*Emotion II*

**Thu, Nov 13, 2025**

*Sensory Systems*

## **Week 13**

**Tue, Nov 18, 2025**

*Somatosensation*

**Thu, Nov 20, 2025**

*Action I; Exam 3 Review*

## **Thanksgiving**

**NO CLASS**

## **Week 14**

**Tue, Dec 2, 2025**

*Exam 3*

**Thu, Dec 4, 2025**

*Action II*

## Week 15

**Tue, Dec 9, 2025**

*Memory; Quiz 4*

**Fri, Dec 12, 2025**

*Frontiers in neuroscience; Exam 4 review; The Cerebral Symphony*

## Finals

*Exam 4 (date TBD)*

## References

- Eames Office. (2010). *Powers of Ten<sup>TM</sup> (1977)*. YouTube. Retrieved from <https://www.youtube.com/watch?v=0fKBhvDjuy0>
- National Geographic. (2014, January). Beautiful 3-D brain scans show every synapse | national geographic. YouTube. Retrieved from <https://www.youtube.com/watch?v=nvXuq9jRWKE>
- National Institute on Biomedical Imaging and Bioengineering. (n.d.). *How does and MRI scan work?* YouTube. Retrieved from <https://www.youtube.com/embed/1CGzk-nV06g>
- NeuroBriefs. (2011). *The ascent: A brief history of the brain*. YouTube. Retrieved from <https://www.youtube.com/watch?v=S0HKupSZq8k>
- Understanding Animal Research. (2009). *Parkinson's disease*. YouTube. Retrieved from <https://www.youtube.com/watch?v=KDjWdtDyz5I>
- Video, N. (2010). *Method of the year 2010: Optogenetics - by nature video*. Youtube. Retrieved from <https://www.youtube.com/watch?v=I64X7vHSHOE&list=PLRstm0n591-rBbOeC0SJey20-NwXpLo4G>