



**Course Director: Dr. Ivana Hughes**  
**Program Chair: Prof. David Helfand**

## **Fall 2021 Course Schedule**

**Seminars meet on September 9 and 10 for Seminar Zero** (introductions to each other and to the course)

### **Mind and Brain (Prof. Daphna Shohamy)**

September 13: *Your Brain: What and How?*

September 20: *How Do We Remember?*

September 27: *How Do We Make Decisions?*

### **Physics and Reality (Prof. Brian Greene)**

October 4: *Special Relativity*

October 11: *General Relativity*

October 18: *Quantum Mechanics*

### **Midterm Exam Week**

October 25: **Midterm Habits Review (Dr. Ivana Hughes)**

October 29: **MIDTERM EXAM 10 a.m. – 12 noon** (Note: Friday)

November 1: **NO LECTURE** (University Holiday)

### **Molecules and Life (Prof. Ruben Gonzalez)**

November 8: *Chemistry of Life*

November 15: *Molecular Machines and Tools*

November 22: *Viruses, Diseases, and Drugs* (Note: No seminar, Thanksgiving week)

### **Climate and Us (Prof. Jerry McManus)**

November 29: *Global Warming: What We Know and What We Don't Know*

December 6: *Past, Present, and Future Climate*

### **Final Exam Week**

December 13: *Science: What We Know and What We Don't Know* (**Shohamy, Greene, Gonzalez, McManus, Helfand**)

December 14: **Final Habits Review (Dr. Ivana Hughes)**

December 19: **FINAL EXAM 2 - 5 p.m.** (Note: Sunday)



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## **Spring 2022 Course Schedule**

**Seminars meet on January 18, 19, and 20 for Seminar Zero** (introductions to each other and to the course)

### **Mind and Brain (Prof. Daphna Shohamy)**

January 24: *Your Brain: What and How?*

January 31: *How Do We Remember?*

February 7: *How Do We Make Decisions?*

### **Physics and Reality (Prof. Brian Greene)**

February 14: *Special Relativity*

February 21: *General Relativity*

February 28: *Quantum Mechanics*

### **Midterm Exam Week**

March 7: **Midterm Habits Review (Dr. Ivana Hughes)**

March 11: **MIDTERM EXAM 10 a.m. – 12 noon** (Note: Friday)

March 14: **NO LECTURE** (Spring break)

March 21: **NO LECTURE** (Midterm follow-up and semester project week)

### **Molecules and Life (Prof. Ruben Gonzalez)**

March 28: *Chemistry of Life*

April 4: *Molecular Machines and Tools*

April 11: *Viruses, Diseases, and Drugs*

### **Climate and Us (Prof. Jerry McManus)**

April 18: *Global Warming: What We Know and What We Don't Know*

April 25: *Past, Present, and Future Climate*

### **Final Exam Week**

May 2: *Science: What We Know and What We Don't Know* (Shohamy, Greene, Gonzalez, McManus, Helfand)

May 3: **Final Habits Review (Dr. Ivana Hughes)**

May 8: **FINAL EXAM 2 - 5 p.m.** (Note: Sunday)