# Course Schedule AY2020-21

## Division of Geological and Planetary Sciences

### Fall 2020

**Division**

- **Ge 11 a. Wernicke** (Earth as a Planet)
- **Ge 101. Wernicke** (Introduction to Geology and Geochemistry)
- **Ge 108. Brown** (Applications of Physics to the Earth Sciences)

**Geobiology**

- **Ge/Bi/ESE 246. Orphan** (Geomicrobiology Seminar)

**Geology**

- **Ge 141. Tissot** (Isotopes Cosmochemistry)
- **Ge 114 a. Rosman** (Mineralogy)
- **Ge 125. Lamb** (Geomorphology)
- **Ge 215. Asimow** (Topics in Advanced Petrology)

**Geophysics**

- **Ge 161. Stock** (Plate Tectonics)
- **Ae/Ge/ME 160 a. Lapusta** (Continuum Mechanics of Fluids and Solids)

**Planetary Science**

- **Ge/Ay 132. Blake** (Atomic and Molecular Processes in Astronomy and Planetary Sciences)
- **Ge 151. Ehlmann, de Kleer** (Fundamentals of Planetary Surfaces)

**Environmental Science and Engineering**

- **ESE 101. Schneider** (Earth's Atmosphere)
- **ESE 102. Thompson** (Earth's Oceans)
- **ESE 104. Frankenberge** (Current Problems in ESE)
- **ESE 156. Frankenberge** (Remote Sensing of the Atmosphere and Biosphere)

**Special Courses**

- **FS/Ge 16. Stock** (Freshman Seminar: Earthquakes)
- **FS/ESE/Ge 18. Leadbetter** (Freshman Seminar: The Unseen Microbial World in Plain Sight)
- **Ge 194. Brown** (Special Topics in Planetary Sciences: Europa Seminar)

### Winter 2021

**Division**

- **Ge 10. Thompson** (Frontiers in Geological and Planetary Sciences)
- **Ge 11 b. Fischer, Kirschvink** (Earth and the Biosphere)
- **Ge 11 d. Clayton, Gurnis** (Introduction to Geophysics)
- **Ge 102. Clayton, Gurnis** (Introduction to Geophysics)

**Geophysical Sciences**

- **ESE 103. Frankenberge** (Earth's Biogeochemical Cycles)
- **ESE 130. Callies** (Introduction to Atmosphere and Ocean Dynamics)

**Planetary Science**

- **Ge/Ay 117. Knutson** (Statistics and Data Analysis)
- **Ge/Ay 133. Batygin** (The Formation, Evolution, and Detection of Planetary Systems)

**Environmental Science and Engineering**

- **ESE 101. Schneider** (Earth's Atmosphere)
- **ESE 102. Thompson** (Earth's Oceans)
- **ESE 104. Frankenberge** (Current Problems in ESE)
- **ESE 156. Frankenberge** (Remote Sensing of the Atmosphere and Biosphere)

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- **Ge 194. Brown** (Special Topics in Planetary Sciences: Europa Seminar)

### Spring 2021

**Division**

- **Ge 1. Asimow** (Earth and Environment)
- **Ge/Ay 11 c. Ingersoll** (Planetary Sciences)
- **Ge/E/ESE 157 c. Ehlmann** (Remote Sensing for Environmental and Geological Applications)

**Geophysical Sciences**

- **Ge/E/ESE 143. Sessions** (Organic Geochemistry)
- **Ge 214. Rossman** (Spectroscopy of Minerals)

**Planetary Science**

- **Ge/Ay 132. Blake** (Atomic and Molecular Processes in Astronomy and Planetary Sciences)
- **Ge 151. Ehlmann, de Kleer** (Fundamentals of Planetary Surfaces)

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**Updated:** 10.06.20