

September 30, 2019
MSE 2101 topics

- Reliability of radiometric dating
- Fossils
- Geological timescales: eons, eras and periods
 - Hadean, Archaean, Proterozoic, Phanerozoic
 - Paleozoic, Mesozoic, Cenozoic
 - Tertiary, Quaternary
- Putting it all together: the age of Earth
 - zirconium silicate crystals
 - Moon rocks
 - meteorites
- Life in “Hell”?
 - heavy bombardment → sterilizing impacts
 - using craters to get rough ages in the solar system