

August 25, 2023
MSE 2101 topics

- Prologue: The Three Questions
 - Is there life in the Universe?
 - Is there intelligent life in the Universe?
 - If you were in charge, where would you be looking for life?
- Fermi's paradox: if life is abundant, where is everybody?
- The impact of scientific disagreement on science
- The roles of astronomy, planetary science, biology, chemistry...
- When we say *life*, what do we mean?
- How to define life?
 - does it have order?
 - does it reproduce?
 - does it grow?
 - does it utilize energy?
 - does it respond to the environment?
 - does it evolve and adapt?
- The biological definition of *life*