UCONN Chapter 2 and Chapter 3 Module 6 Review Topics

1. Review the Mono Lake case study (pg. 31-32)
2. Identify and describe the forms of energy (pg 44-45)
3. Define energy and know the equation to calculate energy (pg 44)
4. Do the Math…simple energy conversions using 1 conversion factor. (Pg. 46)
5. 1st and 2nd Law of Thermodynamics (Pg. 47-50)
6. Energy efficiency calculations (pg. 49)
7. System Dynamics and Feedback Loops (pg. 50-54)
8. Ecosystem structure and boundaries (pg 69-71)
9. Energy capture and release – photosynthesis and cellular respiration (pg 71-72)
10. Energy flow (pg 72-74)
11. GPP/NPP calculations (pg 74-76)
12. Food chains/food webs/trophic pyramids (pgs 72-74 and 76-77)