

Course Schedule (tentative - may change)

| Date | Topic |
|------|---|
| 6/7 | Introductions, course overview, science careers |
| 6/8 | Intro to water and environmental issues: ecosystems, biomes and watershed, global water use and budgeting |
| 6/9 | The hydrological cycle: weather and climate, natural and human environment |
| 6/12 | Water quality: the chemistry of water and water quality failure |
| 6/13 | Watershed: delineation, erosion comparison structure, function, and quantity |
| 6/14 | Lakes and ponds |
| 6/15 | Groundwater |
| 6/16 | Rivers and streams |
| 6/19 | Wetlands |
| 6/20 | Dams and reservoirs |
| 6/21 | Dam video |
| 6/22 | Dam video |
| 6/23 | Drinking water and wastewater treatment, Mercury contamination |
| 6/26 | Guest speaker and Midterm Quiz |
| 6/27 | Service-Learning and water quality testing |
| 6/28 | Water quality project - testing |
| 6/29 | Water quality project - analyzing data |
| 6/30 | Water quality project |
| 7/3 | <i>No Class - Campus closed</i> |
| 7/4 | <i>No Class - Holiday</i> |
| 7/5 | Water quality project and review |
| 7/6 | Water quality project - oral presentations |
| 7/7 | <i>Final Exam</i> |