

SIO 102 CLASS SCHEDULE
Winter, 2014

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| M | Jan. | 6 | Formation and Abundance of the Elements |
| W | Jan. | 8* | Isotopes and Radioactivity |
| F | Jan. | 10 | Age of the Elements, the Universe, and the Earth |
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| M | Jan. | 13* | Principles of Planetary Geochemistry |
| W | Jan. | 15 | Chemical Evolution of the Solid Earth, Planets, and Meteorites |
| F | Jan. | 17 | The “Geochemical Periodic Table” |
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| M | Jan. | 20 | HOLIDAY |
| W | Jan. | 22* | Chemical Evolution of the Earth’s Core and Mantle |
| F | Jan. | 24 | Chemical Evolution of the Crust and Subduction Zone Processes |
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| M | Jan. | 27 | Evolution of the Ocean, Chemistry and Processes |
| W | Jan. | 29* | Continued |
| F | Jan. | 31 | Hydrothermal Processes and their Geochemical Significance |
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| M | Feb. | 3* | Continued |
| W | Feb. | 5* | Marine Sediments |
| F | Feb. | 7 | Continued |
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| M | Feb. | 10 | MID-QUARTER EXAMINATION |
| W | Feb. | 1* | Principles of Light Stable Isotopes Fractionation (C, N) |
| F | Feb. | 14 | Light Stable Isotopes Fractionation (O, H) |
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| M | Feb. | 17 | HOLIDAY |
| W | Feb. | 19* | The Hydrologic Cycle and Paleoceanography |
| F | Feb. | 21 | Chemical Paleoceanography – Sr Isotopes |
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| M | Feb. | 24* | Chemical Paleoceanography – Fluid Inclusion & K/T Boundary |
| W | Feb. | 26 | The Global Carbon Cycle |
| F | Feb. | 28 | Continued |
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| M | Mar. | 3* | Ice Core Records |
| W | Mar. | 5* | Atmospheric Chemistry, Composition and Evolution |
| F | Mar. | 7 | The Ozone Problem |
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| M | Mar. | 10* | Tectonics, Climate, and Weathering |
| W | Mar. | 12 | Guest Lecture on Some “Hot” Topic in Geochemistry |
| F | Mar. | 14 | Summary and Review |

*** Indicates section will meet that day at the scheduled time**

