

This schedule is subject to revision.

*See syllabus and course handouts for details on readings and assignments.

WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
<p>Introductions</p> <p>Film “The hidden heart of the cosmos,” Brian Swimme</p> <p>Discussion/Workshop -Cosmology -Educating the whole child for the 21st Century -Astrophysics made relevant.</p> <p>Film “The Mystery of Chaco Canyon”</p> <p>Discussion/Workshop -Archeo-astronomy: why a multicultural view is more complex.</p> <p>Lunch</p> <p>Afternoon Workshop -Cosmology & Mythology: Where science & stories come together.</p> <p>-Traditional Stories</p> <p>-Indigenous Poets & Songwriters: The Moon</p> <p>Lecture: The History of Science & the importance of Environmental Education—preparing our students for the future.</p> <p>Wrap-up ----- Reading Responses: Due each week (See handouts for details.)</p>	<p>Seminar Discussion</p> <p>Workshop Special Projects</p> <p>Film: Nova-Origins, 1 & 4</p> <p>Special Potluck Lunch</p> <p>Lab 1:What is Science? An Inquiry Based Approach.</p> <p>-Len Adams (Kootenai), Astro/Physics & Science Education; (Len worked on the Nova Program)</p> <p>Lab 2: Principles of Science & Multi-Cultural Education,</p> <p>-Nan McNutt, Science and Cultural Education at the University of Washington’s “Science and Tribes Program;” (With Len & Rebecca)</p> <p>----- Due: -Reading responses</p> <p>-Statement about your special project</p> <p>-Bring food for potluck.</p> <p>-Does someone have a hot-plate or small stove for lab 2?</p>	<p>Seminar Discussion</p> <p>Lab 3: Rock I.D. , Geological Cycles.</p> <p>Pam Carter, Geologist/ Science Educator</p> <p>Special Potluck Lunch</p> <p>Field Trip: Tukwilla Butte</p> <p>Identifying marine fossils.</p> <p>Duwamish stories of geology ----- Due: -Reading response papers</p> <p>-Wear comfortable walking shoes & clothes for afternoon field-trip.</p> <p>-Bring food for potluck.</p> <p>Wrap-up</p>	<p>Field Trip Meet at: The Pacific Science Center: 200 Second Ave. N., Seattle, WA 98109 (206) 443-2851 (Come 15 min. early so we can be in the workshop @ 9:30)</p> <p>Curriculum Review: 9:30 a.m. Review Astro Adventures & Other Ed. Resources (w EALR’s)</p> <p>Dennis Schatz, Ph.D, Lead Astronomer/ Science Educator, (Dennis worked on the Nova Program)</p> <p>Lab 4: Star-Lab Planetarium 11:00-12:00. Starhunt, phases & cycles, hands on astronomy (private program).</p> <p>Lunch (on your own)</p> <p>Field Trip: 1:00-3:00 The Healing Heart of the First People of this Land: The Seattle Symphony & Skagit Elder, Vi Hilbert, taq’šəbu. At Benaroya Hall 3rd Ave. & Union St.</p> <p>Editing Workshop Special Project--small group editing & peer review. ----- Due: -Reading response papers -4 Copies of: Draft &/or example of Special Project for peer review.</p>	<p>Seminar Discussion</p> <p>Lab 5: Soil Analysis</p> <p>Lecture: Geology & Indigenous Cultures: Soil & water-- geologic systems & geopolitical/ economic/ cultural processes. Case studies: Cambodia & Hawaii.</p> <p>Molly Mier, Environmental Scientist/Geologist, working with rocks and soils with Indigenous communities in Asia and the Pacific.</p> <p>Special Potluck Lunch</p> <p>Final Presentations: Special Projects. (15 min. each)</p> <p>Final Wrap-up ----- Due: -Reading responses -Final Portfolio -Presentation of Special Project.</p> <p>-Bring food for potluck</p>