

I completed all of my prerequisites in the social and natural sciences, and math including two courses in statistics. I have applied these in my professional fields in numerous capacities outlined in my resume.

In the natural sciences biology, chemistry, and human nutrition, I have achieved these in the various ways:

1) Biology and Natural Sciences      Human Nutrition      5 credits

I enrolled in this class as a newly pregnant young mother, age 30, with high rates of prenatal diabetes and blood pressure.

By eating very healthy, and traditional foods; walking and exercising daily, including hiking; and learning about the appropriate balance of caloric, vitamin, and mineral intake related to pregnancy, I reversed prenatal high blood pressure. My daughter was predicted to 6lbs, and she was almost 10 lbs.

2) Biology and Natural Sciences      Biology, Chemistry, Marine Biology      16 credits

I passed the courses including Principles of Biology (6 credits), Inorganic Chemistry (5 credits) and Introduction to Marine Biology (5 credits).

My professional career has been to depict in grant writing, cultural and natural resources, policy and legislation, why natural systems such as rivers, estuaries, marine and freshwater fish and wildlife are valuable to tribal life ways, cultures, economies, and preservation of land and waterscapes.

This has resulted in numerous ethnographies filed with the Federal Highway Administration, Federal Transit Authority, US Fish and Wildlife, Washington and Oregon Departments of Transportation, Washington Parks, universities, museums, and regional governing agencies.

Utilizing NEPA and Section 106 of the National Historic Preservation Act related to Tribal Consultation and Executive Order 13175 of Tribal Consultation, I have supported restoration of habitat and clean water for endangered species and habitats for multiples species of salmon and eulachon, birds, and clean water. I have also supported bringing back wetlands and marsh for birds, salmon, and plants. Plant restoration efforts include restoration of prairies by traditional burning methods working with numerous agencies of the federal and state governments for camas and huckleberries, and replanting efforts to support restoration of traditional landscapes for food sustainability and diversity to withstand the efforts of climate changes such as fire and drought.

3) Social Sciences      Intro to Anthropology, Intro to Sociology, Ecology of the First People, Native Science, Philosophies of the Natural World

I passed courses related to people, place, relationships to nature, stewardship, science and the scientific role of people to place, the origins of modern ecology, and responsibility as it relates to community, people, landscapes, the relationship of humans to animals, plants, and community.

I have learned to advocate for Tribal and underserved communities utilizing their stories, histories, past and current traditional ways of living and being in land and waterscapes for Tribes to manage hunting, fishing, gathering, and ceremonial practices related to culture, people, place and stewardship.

My work has resulted in people having a decision-making authority over managing salmon, game, plant, berry, and medicinal resources. It has resulted in improved communication and partnerships between once separate institutions (tribal governments and universities). It has resulted in the renovation of museum displays, major visitor centers with interpretive displays at both the federal, state and local levels, and mostly resulted in understanding and appreciation of Indigenous ways of learning and exercising of stewardship of the land that involves people managing resources such as camas, clams, cedar, and huckleberries – that required inter-personal community networks and complex natural resource management systems that remain advanced and set the foundation of ecology to this day.

4) Statistics

While I have successfully passed two statistics courses in 2011, and 2012, I will retake the equivalent of Biostatistics, as a requirement for Research Design and Quantitative Methods, utilizing JmPro, at South Puget Sound Community College, where I am an accepted student. I intend to enroll in the course either this spring or summer.