**Professional Certification in Indigenous Research**

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| NASD 402 Indigenous Research methodologies and methods (5 credits)  Suitable for the sciences and social sciences | This course focuses on the cultural aspect of Indigenous research methods as they relate to all sciences. Included are current theories of Indigenous research, explorations of the purpose of Indigenous research, both historical and contemporary; roles and responsibilities of an Indigenous researcher; oral and recorded traditions and sources of information; and other important issues that face Indigenous researchers, both now and in future. To this end, the following questions are emphasized: to whom does the research belong? Whose benefit and interests are at stake? Who is the researcher and what is their relationship to the research community? who carries out the research? Who controls and disseminates the results? |
| NASD 411 Implementing the Indigenous Paradigm in the Research Proposal (5 credits) | Students will write a research proposal from developing the problem statement, to creating a hypothesis, creating the research question of resilience, and gathering data in Indigenous communities. Students will learn how to implement the Indigenous paradigm in the proposal from approaching a community in an ethical manner to incorporating elements and paradigm of the Spider web Model.  Students will develop techniques in presenting their research findings in an Indigenous way to encompass whole community understanding, from television programs, power points, posters, community meetings and newspaper articles. |
| NASD xxx The Institutional Review Board Process (2 credits) | Protection of Human Subjects in Indigenous Research provides an overview of special considerations in protection of research participants and cultural intellectual property rights within the context of indigenous research \_\_\_\_Students will complete formal training in human subjects protection, and prepare an Institutional Review Board protocol as well as informed consent and participant recruitment materials appropriate for their research study. |

CHOOSE ONE ELECTIVE

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| \*1ELECTIVE: Art based research class: (Focus interest i.e. Performance art, visual arts, writing, Science, education (3 credits) | This course will enhance skills in critical reflection, including self-awareness, art based research in relation to research with Indigenous groups. Define and research an area of creative exploration and engage in an intensive personal artistic expression and creative exploration |
| \*ELECTIVE: NASD210: Intro to Indigenous Science  (Focused Interest) | This course explores how knowledge is acquired and classified. They will examine the concept of Indigenous science and compare it with Western views of science. They will learn how traditional Native languages can describe the modern world. |
| \*ELECTIVE: Education (Focused interest) (Sandra ?teaches this) |  |
| \*ELECTIVE: Wellness (focus interest) NASD270: Native American Wellness (3 credits) | This class presents discussion on the key elements of holistic health and the implications of a personal fitness appraisal. Topics of discussion will include nutrition, weight control, exercise routines, stress management, and substance use. Fitness appraisal will include strength, flexibility, body composition, and cardiovascular efficiency. An emphasis will be placed on Native American balance in life. |

Outcomes:

* Application of Indigenous research ethics to reduce methodological discrimination.
* Improve relevance in policy and practice within Indigenous contexts.
* Demonstrate high-level competence in professional presentation of research, both verbally and in writing;
* Write a research proposal directly relevant to the student’s professional or academic context;
* Enhance skills in critical reflection, including self-awareness, art based research in relation to research with Indigenous groups.
* Define and research an area of focus interest.