Indigenous and Rural Health

Admission Requirements: Bachelor's Degree or Master's Degree or equivalent from an accredited college or university.

Application Requirements:
1. Completed MSU Graduate School Application and meet Graduate School requirements.
2. Curriculum Vita/Resume
3. Personal essay (2-3 typed, double-spaced pages) addressing: research interests and experiences, alignment with faculty interests and expertise, and professional goals.
4. Three letters of recommendation. It is suggested that at least one come from the candidate's master's committee if applicant has a master's degree.
5. Official academic transcripts from prior degrees and coursework.

Admissions Committee
Affiliate faculty who will serve as PhD committee chairs or committee members will serve as the admissions committee to evaluate applications and admit students to the PhD program. The admissions committee will include a faculty representative from each of the five participating colleges. In order to be admitted to the program, there needs to be an affiliated faculty member who agrees to accept a student into the program and to act as their advisor/committee chair/mentor.

Program Requirements:
1. Completion of 60 credits, including 18-28 dissertation credits
2. Completion of comprehensive examination
3. Completion of dissertation

Committee Requirements:
Doctoral committees will be made up of at least four PhD prepared individuals with appropriate expertise. At least two committee members will be faculty who are officially affiliated with the PhD program. For students whose research focuses on community application, an additional committee member with applied expertise may be added. These committee members may come from the community in which the student’s research is being conducted.

Comprehensive Examination:
The PhD program comprehensive exam will be conducted by the student’s committee, typically in the beginning of the third year of the program. Students will prepare a grant proposal based on one or more elements of his/her proposed dissertation research. The proposal will be prepared according to specifications of a potential funding source that is relevant to the student's career trajectory. For example, if a student is interested in a practice-based career, they may write a grant proposal for a project grant from agencies such as the Centers for Disease Control and Prevention, Substance Abuse and Mental Health Services, the Montana Healthcare Foundation, Robert Wood Johnson Foundation, or the Headwaters Foundation. If a student is interested in a research-based career, they may write a grant proposal for a research grant from agencies such as the National Institutes of Health or the National Science Foundation. The choice of topic and agency or organization will be a collaborative decision between the student and their committee. The proposal will be submitted to the committee a minimum of seven days prior to an oral exam. The oral exam will consist of questions relating to the contents of the grant proposal.

Dissertation Requirements:
Students in the Indigenous and Rural Health PhD program will complete dissertations and can select either an academic track or an applied track depending on their career goals after graduation. The academic track will likely take the form of the Manuscript Format Option of the Montana State University Graduate School, with a minimum of three completed manuscripts. The applied track will be focused on meeting community-defined interests and needs, where students, in consultation with their committee and community, will select three projects to complete such as a community needs assessment, program evaluation, and other projects that assist community well-being. This option will include a community presentation/workshop/report back (how it helped the community – what are they leaving with the community) and a public presentation defense to their committee and public. This option can include completed manuscripts.

Option 1a: Master's and PhD at MSU (4.5-5 years to complete PhD)

MS in Community Health

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HHD 501</td>
<td>Professional Communication Skills in HHD</td>
<td>3</td>
</tr>
<tr>
<td>HHD 512</td>
<td>Research Methods in HHD</td>
<td>3</td>
</tr>
<tr>
<td>HDFS 515</td>
<td>Statistical Approaches to Studying Children/Families/Communities</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>EDCI 501</td>
<td>Educational Statistics I</td>
</tr>
<tr>
<td>CTHH 575</td>
<td>Professional Paper and Project</td>
<td>6</td>
</tr>
</tbody>
</table>

Example courses that count toward the PhD program

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>CTHH 503</td>
<td>Community-based Participatory Research</td>
<td>3</td>
</tr>
<tr>
<td>CTHH 540</td>
<td>Principles of Epidemiology</td>
<td>3</td>
</tr>
<tr>
<td>CTHH 548</td>
<td>Program Planning and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>CTHH 502</td>
<td>Theories and Models in Health</td>
<td>3</td>
</tr>
<tr>
<td>HDCO 554</td>
<td>Developmental Theory Across the Lifespan</td>
<td>3</td>
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Total

MS Program 30
### Indigenous and Rural Health

<table>
<thead>
<tr>
<th>Transfer Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTHH 6xx Introduction to Indigenous and Rural Health</td>
<td>3</td>
</tr>
<tr>
<td>(this is a new course to be developed)</td>
<td></td>
</tr>
<tr>
<td>CTHH 6xx Seminar – 1 week on campus each summer/1 credit/seminar</td>
<td>2</td>
</tr>
<tr>
<td>(this is a new course to be developed)</td>
<td></td>
</tr>
<tr>
<td>CTHH 690 Dissertation</td>
<td>18-28</td>
</tr>
</tbody>
</table>

Electives determined by doctoral committee (including 15 transferred; see list of electives below) 27-37

Total credits required to complete the program 60

### Option 1b: Master's done elsewhere, start directly into PhD (3-4 years depending on prior coursework)

**Up to 21 credits from prior master's degree can be considered for PhD**

(Exact courses to be considered for credit determined by department)

Students in this option may receive a master's degree in community health if they decide to leave the program prior to completing the PhD requirements. Students must meet community health master's degree requirements to receive this degree.

#### Core Courses

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>CTHH 6xx Introduction to Indigenous and Rural Health</td>
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<td>(this is a new course to be developed)</td>
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<tr>
<td>(this is a new course to be developed)</td>
</tr>
<tr>
<td>CTHH 690 Dissertation</td>
</tr>
</tbody>
</table>

Electives determined by doctoral committee (including maximum of 21 transferred; see list of electives below) 27-37

Total credits required to complete the program 60

### Electives

**Area: Environmental Health/Infectious Disease**

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MB 527 Toxicology</td>
</tr>
<tr>
<td>(Approved for program - distance)</td>
</tr>
<tr>
<td>LRES 507 Environmental Risk Assessment</td>
</tr>
<tr>
<td>(Approved for program – distance and in-person)</td>
</tr>
<tr>
<td>MB 530 Virology</td>
</tr>
<tr>
<td>MB 539 Infection and Immunity</td>
</tr>
<tr>
<td>(Approved for program pending – distance)</td>
</tr>
<tr>
<td>MB 560 Infectious Disease Ecology &amp; Spillover</td>
</tr>
<tr>
<td>(Approved for program – currently in-person)</td>
</tr>
<tr>
<td>MB 536 Exploring Microbiology</td>
</tr>
<tr>
<td>(Approval for program pending)</td>
</tr>
<tr>
<td>MB 540 Environmental Microbiology</td>
</tr>
<tr>
<td>(Approval for program pending – Nancy Burritt)</td>
</tr>
</tbody>
</table>

**Area: Native American History**

<table>
<thead>
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<tbody>
<tr>
<td>NASX 550 Native Americans: Dispelling the Myths</td>
</tr>
<tr>
<td>(Approved for program - distance)</td>
</tr>
</tbody>
</table>
Area: Native American and Rural Health Methods and Ethics
NASX 541 Critical Approach to NAS Methods 3
(approved for program – in person 2019)
BIOB 524 Ethical Practice of Science 3
(approved for program - distance)

Area: Health Policy
NASX 530 Federal Law and Indian Policy 3
(approved for program – distance 2020)
NRSG 612 Ethics, Law, and Policy for Advocacy in Healthcare 3
(approved for program - distance)

Area: Health Systems
MEDS 515 Ecology of Health and Medicine - Foundations 1
(note: taught in increments over multiple semesters. Approved for program – possible distance option)
NRSG 608 Design of health care Delivery Systems 3
(approved for program - distance)
NRSG 613 Finance & Budget of health care systems 2
(approved for program - distance)

Area: Programming and Evaluation
CHTH 548 Program Planning and Evaluation 3
(approved for program - distance)
NASX 570 Indigenous Planning: Strategic Economic and Human Development Approaches 3
(approved for program – distance 2019)
NRSG 611 Program Planning & Evaluation, Outcomes, & Quality Improvement 3
(approved for program – distance)
AGED 507 Program Planning and Evaluation 3
(double check with Tracy D about approval – distance?)
EDCI 504 Assessment and Evaluation in Education 3

Area: Research Methods and Statistics
CHTH 502 Theories and Models in Health 3
(approved for program – currently in-person)

Area: Research Methods and Statistics
CHTH 540 Principles of Epidemiology 3
(approved for program)
Meds 595 Research Methods 6
(Approved for program – possible distance option)

Area: Research Methods and Statistics
HDFS 515 Statistical Approaches to Studying Children, Families, and Communities 6
(approved for program – distance option – does not transfer over from master’s program)
EDU 613 Indigenous Methodologies in Educational Research 3
(approved for program - typically in-person)
PSCI 551 Research Methods for Public Administrators
(approved for program – on-site only)
NASX 542 Research Praxis in Native American Studies 6
(approved for program – in person 2020)
NRSG 605 Evidence Based Practice II 3
(approved for program)
NRSG 606 Statistical Applications 3
(approved for program)
EDCI 501 Educational Statistics I 3
(approved for program - online)
EDCI 506 Applied Educational Research 3
(approved for program - online)
EDCI 604 Advanced Ed Psych 3
(approved for program - online)
EDU 602 Educational Statistics II 3
(approved for program - hybrid/online)
EDU 606 Mixed Methods Research
3
(approved for program - weekends currently)

EDU 607 Quantitative Educational Research
3
(approved for program - weekend/online)

EDU 608 Advanced Quantitative Research
3
(approved for program - weekend)

EDU 610 Qualitative Educational Research
3
(approved for program - weekend)

EDU 611 Advanced Qualitative Research
3
(approved for program – weekend/online)

Area: Leadership Skills
EDLD 643 Leading Social Justice
3
(approved for program – currently in-person)

Area: Indigenous and rural food systems
NASX 515 Native Food Systems
3
(approved for program – in person 2019/2020)

NUTR 520 Advanced Diet and Disease Systems
3
(approved for program)

Area: Cultural competency/humility
HDCO 563 Multicultural Awareness
3
(approved for program - in person)

EDU 612 Critical Race Theory
3
(approved for program - in-person typically)

Area: CBPR and other community-led research methods
CHTH 503 Community-based participatory Research
3
(approved for program)

EDU 617 Participatory Research in Education
3
(approved for program - typically in person)

Area: Mental/Emotional/Behavioral health
PSYX 584 Stress and Health
3
(approved for program – on-site only)

HHD course being developed: Professional issues of mental health
3
(approval for program pending – distance course in summer – approval fall 2020)

HHD course being developed: Introduction to mental health
3
(approval for program pending – distance course in summer – approval fall 2020)

HHD course being developed: Communication and helping skills
3
(approval for program pending – distance course in summer – approval fall 2020)

Area: Social determinants of Health/Health disparities
MEDS 624 Health Equity and Community Organizing
1
(Approved for program – possible distance option)

NRSG 614 Vulnerability and Health Care in Diverse Communities
4
(approved for program – distance)

PSYX 562 Psychology of Prejudice, Stereotypes, Discrimination and Stigma
3
(approved for program)

Area: Anatomy & Physiology
BIOH 595 Anatomy & Physiology for Teachers
3
(talk with Mark Jutilla about this course)

Area: Teaching
EDLD 501 Foundations of Adult Education
3
(approved for program - online)

EDLD 509 Issues and Trends in Higher Education
3
(approved for program - online)

EDLD 512 Finance and Administration in Higher Education
3
(approved for program – summer hybrid)
EDLD 529 Post-Secondary Distance Delivered Education 3
(approved for program - online)

EDLD 531 Student Development Theory 3
(approved for program – currently in person)

EDLD 533 Law and Policy in Higher Education 3
(approved for program – currently in person)

EDLD 535 Student Services 3
(approved for program – currently in person)

EDLD 543 Social Justice in Education 3
(approved for program – note: not offered in awhile)

EDLD 605 Higher Education History and Philosophy 3
(approved for program – currently in person)

EDLD 616 Organization and Administration of Higher Education 3
(approved for program – currently in person)

EDLD 628 College Students 3
(approved for program – currently in person)

EDLD 635 College Teaching 3
(approved for program – currently in person, may go online)

EDLD 614 Planning Program Assessment 3
(approved for program – currently in person, may go online)

EDU 637 Institutional Research and Assessment 3
(approved for program – currently in person)

NASX 523 American Indians and Minorities in Higher Education 3
(approved for program – distance? Note: not offered in awhile)