Public Health Research Methods and Ethics
IPBH 3500 (3 credits / 45 hours)
Chile: Public Health, Traditional Medicine, and Community Empowerment

This syllabus is representative of a recent semester. Because courses develop and change over time to take advantage of unique learning opportunities, actual course content varies from semester to semester.

Course Description

The Research Methods and Ethics seminar (RME) introduces students to the conceptual and practical tools for gathering primary data and the knowledge and skills that are essential to forming constructive relationships with organizations and/or individuals, which are necessary for completing an academic project in the cultural context of Chile. In particular, the course enhances students’ skills at building rapport; initiating purposeful dialogue in the Chilean context; gathering, recording, and analyzing primary data; and writing a scholarly academic report. The course also pays particular attention to US higher education ethical considerations that guide primary data collection and how these could be translated within the local cultural parameters of Chile and public health and traditional medicine. Broadly, the seminar introduces students to both qualitative and quantitative approaches of social science field research.

The main emphasis of the seminar is on the development of empirical tools and ethics of interactive research skills involving the collection of primary data. The seminar includes lectures on qualitative methods of research in social sciences, and with a particular focus on public health and ethnographic research, the development of a research proposal or internship proposal, and preparation of an application for review of research with human subjects. All students will participate in an overview of research design and methodological approaches to program themes. Ethical considerations related to conducting research or completing an internship will be discussed. The overall aim is to help students hone their experience-based learning processes and prepare them for the development of an Independent Study Project (ISP), which is largely based on the data gathered from primary sources, or an internship at a local organization.

Due to the extraordinary health situation that affects the entire planet, which has been caused by the Coronavirus pandemic, throughout the entire semester its effects will bring us important challenges related to the possibilities and limitations involved in doing research in context emergency sanitary. For this reason, the course will also have research component with virtual resources, distance ethnography, use of resources for virtual interviews and non-face-to-face activities. However, the first option remains to be able to carry out research in person whenever possible, provided that the conditions of the evolution of the pandemic.

Student Learning Outcomes

The Research Methods and Ethics course comprises of 45 hours. Upon completion of the course, students will be able to:

- Reflect an acute sense of positionality and perspective and operate independently, using cultural sensitivity, language skills, and local networks of trust built over the course of the semester.
• Use appropriate methods and ethics during field research on the critical global issue of public health or traditional medicine belief systems OR use an ethical perspective of the internship in the context of Chile.
• Generate and integrate primary data gathered in the field and carry out valid and ethical interpretations and conclusions.
• Create an Independent Study Project proposal that is in strict observance of ethical academic standards and local values and that includes a research question, sample review of the relevant literature, outline of the research methods, and anticipated ethical challenges and ways of addressing them OR an internship proposal that includes a description of the host organization, an outline of tasks that will be performed, a proposed work timetable, and projected outcomes such as a paper or business plan.

Language of Instruction

This course is taught in Spanish, and students will be exposed to vocabulary related to course content through in-country expert lectures and field visits to a wide range of venues and regional locales.

Instructional Methods

SIT’s teaching and learning philosophy is grounded in the experiential learning theory. Experiential learning theory recognizes that learning is an active process that is not confined to the formal curriculum. Learning is holistic and happens through various life experiences upon which students draw to generate new ways of knowing and being.

• Learning involves a community
• Learning is a lifelong endeavor.
• Learning is transformational.

The suggested four step-cycle of a concrete experience, reflective observation, abstract conceptualization, and active experimentation embedded in the experiential learning model is not linear and might not always happen in that specific order, as any learning is highly context dependent. These stages of taking part in a shared experience; reflecting on that experience by describing and interpreting it; challenging their own assumptions and beliefs to generate new knowledge; and ultimately applying new knowledge, awareness, skills, and attitudes in a variety of situations and contexts are important for students to engage in to become empowered lifelong learners.

The RME seminar contemplates a series of activities that will privilege this process and experiential learning cycle, including participatory introductory seminars, visits to health care centers, practical outings for meetings with organizations and communities organized in promotion projects and health care, etc. On the other hand, the evaluation process considers the possibility of applying innovative and creative learning techniques, such as the use of videos or multimedia, promoting learning from doing.

On the other hand, another space where the immersion experience will allow the development of more experiential learning, could be the stay with host families, both in Arica and other locations. It is in these informal situations where it will be possible to recognize and share reflections on the elements of Health in Chile. Families can allow you to be inserted in the local culture, in different environments and scenarios, being able to support the knowledge of public and private health, which must then be checked during lessons learned in class seminars and visits to health care spaces.

Finally, other space where it will be necessary to deepen will be the learning of technological tools to carry out research at a distance. Although face-to-face studies are always prioritized, it is contemplated to manage and use remote options at a distance, learning the advantages and possibilities that remote electronic resources can support social research. In this way, we consider that the pandemic moment could be an opportunity (if necessary) to learn to use research tools that allow mixing the resources of face-to-face work with virtual ones.
Required Texts


Association of Internet Researchers – http://www.aoir.org – includes link to the Association’s ethical guidelines, giving questions that researchers should address before designing research using data collected via the Internet.


SIT Study Abroad (2023) Chile: Salud Pública, Medicina Tradicional y Empoderamiento de la Comunidad. Manual de Orientación. Trabajo de ISP.

SIT Study Abroad (2023) Métodos de investigación aplicados a la Salud Pública. (guía para estudiantes).


Virtual Methods – http://www.soc.surrey.ac.uk/virtualmethods/vmescr.htm - site based on ESRC seminar series, containing archive of presentations with thematic index, list of useful resources, and advice on good practice in virtual methods.
Course Schedule

*Please be aware that topics and excursions may vary to take advantage of any emerging events, to accommodate changes in our lecturers’ availability, and to respect any changes that would affect student safety. Students will be notified if this occurs.

Module 1: Experiential Learning and Positionality in Field-Based Research.

This introductory module is designed to introduce students to field-based research in a study abroad context, with additional reflection on cross-cultural description, interpretation and evaluation. Students learn how to relate to local communities and individuals. Most particularly, this module allows students to discover the power of experiential learning and use it as a tool to connect to local communities and individuals and develop into reflexive researchers who are attentive to their own positionality in relation to the local communities in which they engage for their research or internship.

Session 1: reflections on the position as researcher / intern and the process of cultural adaptation. Challenges and barriers for cultural adaptation. Introduction of initial ethical issues. Practical exercises, individual and collective.

Session 2: Tools for doing Field-Based Research in a Study Abroad Context (First approximation).

Required readings:

SIT Study Abroad (2023) Métodos de investigación aplicados a la Salud Pública. (guía para estudiantes).
- Capítulo III: “Técnicas de recolección de datos”. 3.- La entrevista.
- Capítulo IV: “El Diario o bitácora de campo”.
- Capítulo V: “Consideraciones éticas en la investigación”.


Suggested Readings:


Module 2: Introduction to the ISP and Internship.

This module will describe the ISP and internship processes and help students brainstorm ideas and set goals for their ISP or internship. The module will include a review and critique of past ISP and/or internship papers. The module will also walk the students through the Local Review Board (LRB) and Institutional Review Board (IRB) process and the application for Human Subjects Review (HSR application).


Session 2: One-on-one Meetings with the Academic Director to Discuss Preliminary ISP or Internship Ideas.

Required readings:

- Chapter 3. Preparing for Research.

SIT Study Abroad (2023) Métodos de investigación aplicados a la Salud Pública. (guía para estudiantes).

Capítulos I: “Enfoques cuantitativo y cualitativo en investigación: su aplicación al campo de la salud pública”
Capítulo II: “El proceso de diseño de la investigación”
Anexos.


Suggested Readings:

Complementary bibliography will be suggested considering the interests of the students, in each case.

After completing Modules 2, session 2, students will split into groups by ISP or internship.

ISP track

Session 3a: Preparing for the ISP. How to approach and develop rapport with research participants, how to work collaboratively with the ISP advisor, and logistics of the ISP period, including travel, materials, and timelines. Students will also review the ISP assessment rubric.

Required readings:


Chapter 4. Research Design: Experiments and Experimental Thinking.

SIT Study Abroad (2023) Métodos de investigación aplicados a la Salud Pública. (guía para estudiantes).

Capítulo III: “Técnicas de recolección de datos”.
Capítulo IV: “El Diario o bitácora de campo”.

Suggested Readings:

Complementary bibliography will be suggested considering the interests of the students, in each case.

Module 3a: Research Methods in Public Health

This module focuses on the tools and methods required for conducting quantitative and/or qualitative field research in observance of the ethics and value systems of the local community.

First excursion to indigenous communities (northern & southern Chile)

Session 1: The health research agenda. The local and the global health agenda. Links between the health agenda, research and public policies. The process of choosing a topic; presentation and brief analysis of samples of selected thematic areas. Defining the research topic and research problem. From Topics to questions, from question to problems. Orientations for Bibliographic review assignment.

Session 2: Examining advances on the problem and objectives definition. The conceptual framework elaboration process: bibliographic notes and APA citation. Examining advances on building the conceptual framework: identifying key concepts and the conceptual framework as a network of key concepts.

Required readings:


Chapter 12: Participant Observation.

Suggested Readings:

Complementary bibliography will be suggested considering the interests of the students, in each case.

Module 4a: Ethics in public health research and standard processes for ethical conduct

Ethical issues involved in scientific research in general and in the work in health field in particular. The historical development of ethics in scientific research. Basic concepts of informed consent, privacy, confidentiality, damage is analyzed in the light of practical experience in research in the field of health. Exploring institutional norms, issues of language, and expectations for ethical behavior while conducting research. The role of the Research Ethics Committee. Codes of ethics and institutional policies.

Session 1: The historical development of ethics in scientific research. Basic concepts of informed consent, privacy and confidentiality of information. Ethical dilemmas. Applying theory to the resolution of ethical dilemmas in the field. The role of the Research Ethics Committee. Discussion with members of an institutional Research Ethics Committee. Submitting the ISP proposal to the local Methodology and Ethics Review Board.

Required readings:


Module 5a: ISP in the Context of Chile – The ISP Proposal.

This module prepares the student for the ISP experience. It examines work-based norms and practices related to conducting research in Chile. The module highlights the importance of applied methodology in the ISP experience and the expectations and responsibilities of the student. Based on learning and engagement in the preceding course modules, this module focuses on ISP final proposal development and guides students through the development of the Human Subjects Review (HSR) application. This critical phase in the course involves both large student group meetings and individual student meetings with the academic director and staff and the ISP advisor.

Session 1: ISP proposal draft review and final orientations for submitting it to the Local Methodology and Ethics Review Board. Guided work in the ISP final proposal

Session 2: Meeting with ISP Advisors: the ISP in the context of Chile and the advisor’s role.
Required Readings:


Chapter 2: What Medical Anthropologist do?

SIT Study Abroad (2023) Métodos de investigación aplicados a la Salud Pública. (guía para estudiantes).

Capítulos I: “Enfoques cuantitativo y cualitativo en investigación: su aplicación al campo de la salud pública”

Capítulo II: “El proceso de diseño de la investigación”.

Anexos.

Suggested Readings


(2017) Lineamientos para el abordaje intercultural de la tuberculosis con los pueblos indígenas. Informe final (Inédito/OPS-Perú)

Module 6a: The research process: applying research methods and techniques.

The research process is analyzed through a practical case. Defining a topic and research objectives, building the conceptual framework, collecting and analyzing quantitative and qualitative information. Research methods in the field. Data base design and the analysis of basic statistical measures. Analysis of qualitative information. Writing the research report and presenting research results. Students will also review the ISP assessment rubric.

Session 1: Reviewing the research process steps and the ISP assessment rubric. The analysis of qualitative information.

Session 2 (optional): Data base design and the analysis of basic statistical measures (optional).

Session 3: Writing the research report and presenting research results

Required readings


Chapter 15: Introduction to Qualitative and Quantitative Analysis.

SIT Study Abroad (2023) Métodos de investigación aplicados a la Salud Pública. (guía para estudiantes).

Capítulo III: “Técnicas de recolección de datos”.

Capítulo IV: “El Diario o bitácora de campo”.

SIT Study Abroad (2023) Chile: Salud Pública, Medicina Tradicional y Empoderamiento de la Comunidad. Manual de Orientación. Trabajo de ISP.

Suggested Readings


Chapter 16: Cognitive Anthropology I: Analyzing Cultural Domains

Chapter 18: Text Analysis I: Interpretative Analysis, Narrative Analysis, Performance Analysis, Conversation Analysis.
Internship track

Session 3b: Preparing for the Internship. Requirements and characteristics. The Internship as a learning experience. The professional practice. Introduction to the Internship placement process. General description of host institutions and their scope of action. The session walks the student through host institutions’ information sheets, the nature of the services offered, and a profile of the customers who use them. This will help students to make an informed preliminary selection of the institution they would like to intern with.

Required readings:


Module 3b: Working in an international context.
Preparing for the Internship Experience. This module prepares the student for the internship experience. It focuses on ways of processing and articulating the internship in an international context, and particularly in the context of Chile and public health area of work. Orientations for making the most out of the experience personally, academically, and professionally. The module also examines workbased norms and practices related to internships in Chile.

Session 2: The Internship Organization’s Scope of Action (II). Planning the Internship: confirmation of internship placement. Focus of interest within the organization’s scope of action. The Internship Application Process and learning goals.

Required Reading:


Recommended Readings by Internship host institutions.

Module 4b: Admission to the internship organization and the internship experience.
This module will focus on how to prepare for internship admission process and for the internship work experience. We will meet an institutional supervisor and discuss tips and strategies for the admission interview and orientations to perform internship activities in the institutional context. Discussion on the best ways to articulate student’s learning objectives with the institution’s proposed activities for the internship. Final orientations for the Internship Proposal.

Session 1: The admission interview and the institutional supervisor’s role; preparing for the admission interview.
Session 2: Individual meetings with program’s Internship coordinator to discuss the intern’s work plan progress.

Required Reading:
Chapter 12: Participant Observation.

SIT Study Abroad (2023) Métodos de investigación aplicados a la Salud Pública. (guía para estudiantes).
Capítulo III: “Técnicas de recolección de datos”.
Capítulo IV: “El Diario o bitácora de campo”.


Module 5b: Ethics in public health and standard processes for ethical conduct
This module prepares the student to identify and address ethical issues relevant in the practice of public health. The historical development of ethics in scientific research and the public health practice. Basic concepts of informed consent, privacy, confidentiality and damage are analyzed in the light of practical experience in in the field of public health. Exploring institutional norms, issues of language, student responsibilities and expectations for ethical behavior while working in an institution. The role of the Research Ethics Committee. Codes of ethics and institutional policies.

Session 1: The ethics in participating in an internship in Chile. basic ethics principles and norms: recognizing ethical issues and addressing ethical challenges. Discussion with a member of an institutional Research Ethics Committee

Required Readings:

SIT Study Abroad (2023) Métodos de investigación aplicados a la Salud Pública. (guía para estudiantes).
Capítulos IV “El diario o bitácora de campo”
Capítulo V. “Consideraciones éticas de la investigación”.


Module 6b: The Internship work process: applying methods and skills
Applying research methods to attain internship learning objectives. Discussion on the best way to articulate student’s Internship Proposal with the institution’s proposed activities. Final orientations for the Internship Proposal and experience.

Session 1: The use of research methods in the internship learning experience (observation, observation-participant and interview). How to organize your work during the internship period? How to register your information and activities for your final report? Session 2: Individual meetings with program’s Internship coordinator to discuss the Internship Proposal elaboration progress.

Required Reading:

SIT Study Abroad (2023) Métodos de investigación aplicados a la Salud Pública. (guía para estudiantes).
Capítulos IV “El diario o bitácora de campo”
Capítulo V. “Consideraciones éticas de la investigación”.


Assignments and Evaluation
**Cultural Biography:**
During the second week of the course, the elaboration of a brief autobiography is requested where they reflect on issues related to the student's life trajectory, and that make them position themselves - initially unconsciously - before the social and cultural reality that inhabits. As of this exercise, guidelines are established for what will be the researcher (or intern) approach for the ISP or internship period in the final stage of the semester.

**Practice Interview:**
Students are asked to conduct a practice interview. They are asked to write a small reflection (2-3 pages) about their role and attitude towards their research subjects and the skills they brought to the interview to establish an ethical and safe environment for the interviewee. Students are also encouraged to explore how their own positionality along the lines of gender, sexuality, race, and class affected the set-up and wording of their questionnaire and consequently the outcome of the interview.

**Field Work Journal**
Students are expected to keep a work journal where they will document thoroughly all the activities and assignments carried out during the course. This will also continue during the Independent Study Project or the internship period. The work journal is submitted for review and evaluation three times during the course of the semester.

**ISP/Internship Proposal**
All students must develop a ISP or internship proposal. The ISP (research) proposal should address a theme related to the program, include research question and objectives, theoretical framework, methodology, and comply with the ethical standards learned throughout the course. The internship proposal should include the objectives to be achieved during the internship period, a justification of the work and the organization selected, skills or areas in which the student can contribute to the work of the host organization, and an outline of the work plan to be carried out.

**Participation**
All students are expected to prepare for classes, attend and participate in all lectures, class discussions, field activities, and carry out all assignment

**Assignments**

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<th>Assignment</th>
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<tr>
<td>Cultural biography</td>
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<tr>
<td>Practice Interview</td>
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<td>Survey exercise</td>
<td>10%</td>
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<tr>
<td>Field Work Journal</td>
<td>30%</td>
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<tr>
<td>ISP or Internship Proposal</td>
<td>25%</td>
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<tr>
<td>Participation throughout the course</td>
<td>10%</td>
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**Attendance and Participation**
Due to the nature of SIT Study Abroad programs, and the importance of student and instructor contributions in each and every class session, attendance at all classes and for all program excursions is required. Criteria for evaluation of student performance include attendance and participation in program activities. Todo el proceso de participación será evaluado según los criterios descritos en una rúbrica que lo detallará. Students must fully participate in all program components and courses. Students may not voluntarily opt out of required program activities. Valid reasons for absence – such as illness – must be discussed with the academic director or other designated staff person. Absences impact academic performance, may impact grades, and could result in dismissal from the program.

**Late Assignments**
SIT Study Abroad programs integrate traditional classroom lectures and discussion with field-based experiences, site visits and debriefs. The curriculum is designed to build on itself and progress to the culmination (projects, ISP, case studies, internship, etc.). It is critical that students’ complete assignments in a timely manner to continue to benefit from the sequences in assignments, reflections and experiences throughout the program.

Example: Students may request a justified extension for one paper/assignment during the semester. Requests must be made in writing and at least 12 hours before the posted due date and time. If reason for request is accepted, an extension of up to one week may be granted at that time. Any further requests for extensions will not be granted. Students who fail to submit the assignment within the extension period will receive an ‘F’ for the assignment.

Grading Scale

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<tr>
<th>Percentage</th>
<th>Grade</th>
<th>Description</th>
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<tbody>
<tr>
<td>94-100%</td>
<td>A</td>
<td>Excellent</td>
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<tr>
<td>90-93%</td>
<td>A-</td>
<td></td>
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<tr>
<td>87-89%</td>
<td>B+</td>
<td></td>
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<tr>
<td>84-86%</td>
<td>B</td>
<td>Above Average</td>
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<tr>
<td>80-83%</td>
<td>B-</td>
<td></td>
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<tr>
<td>77-79%</td>
<td>C+</td>
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<tr>
<td>74-76%</td>
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<tr>
<td>70-73%</td>
<td>C-</td>
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<tr>
<td>67-69%</td>
<td>D+</td>
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<tr>
<td>64-66%</td>
<td>D</td>
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<tr>
<td>below 64</td>
<td>F</td>
<td>Fail</td>
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STUDENTS EXPECTATIONS AND SIT POLICIES

Individual and Community Expectations

- **Show up prepared.** Be on time, have your readings completed and points in mind for discussion or clarification. Complying with these elements raises the level of class discussion for everyone.

- **Have assignments completed on schedule, printed, and done accordingly to the specified requirements.** This will help ensure that your assignments are returned in a timely manner. **Ask questions in class. Engage the lecturer.** These are often very busy professionals who are doing us an honor by coming to speak.

- **Comply with academic integrity policies** (no plagiarism or cheating, nothing unethical).

- **Respect differences of opinion** (classmates’, lecturers, local constituents engaged with on the visits). You are not expected to agree with everything you hear, but you are expected to listen across difference and consider other perspectives with respect.

- **Storing Your Work** Keep several copies of your work as back up and keep one copy accessible to you through an online forum, such as an attachment in your email, the course learning management system, or cloud-based storage. This way your work will always be available to despite technical issues. **Lost files, deleted drives, or computer crashes are not excuses for late, missing work.**

- **Audience Considerations:** Writing for this class will be read by your classmates, me, and whomever else you choose. Do not make public what you wish to remain private. In keeping with accepted practice within the discipline, other students and other professionals who provide instruction and academic support for SIT may use writing from this course for instructional training and assessment. All identifiers are removed when student writing is used for these activities.
• **Personal Technology Use:** Cell phones and other personal electronics can be used for taking notes and other class activities. Off-task usage is not acceptable. I reserve the right to mark you absent for habitually using them for something other than classroom activities.

• **Course Communication:** Course documents and assignments will be posted on Canvas. Although the course calendar provides a broad overview and the general sequence of work and assignments for the course, what we accomplish in class will vary, and revisions to the calendar will be posted at the course site. You will need to check the course site regularly. You are responsible for letting me know about any network-related problems that prevent you from accessing or submitting assignments.

• **Trigger Warning:** Some assignments you will encounter written by peers or published authors may delve into sensitive topics. The readings I’ve assigned handle these topics thoughtfully and artistically; I wouldn’t have assigned them otherwise. Our classroom is a place where we can engage with challenging ideas, question assumptions, and navigate difficult topics. That said, no student generated works should deliberately offend or disparage others, artistically or not.

**SIT Policies and Resources**

Please refer to the SIT Study Abroad Handbook and the Policies section of the SIT website for all academic and student affairs policies. Students are accountable for complying with all published policies. Of particular relevance to this course are the policies regarding: academic integrity, Family Educational Rights and Privacy Act (FERPA), research and ethics in field study and internships, late assignments, academic status, academic appeals, diversity and disability, sexual harassment and misconduct, and the student code of conduct.

Please refer to the SIT Study Abroad Handbook and SIT website for information on important resources and services provided through our central administration in Vermont, such as Library resources and research support, Disability Services, Counseling Services, Title IX information, and Equity, Diversity, and Inclusion resources.