

Outline of CART curriculum and timeline

**Please note that there may be changes to this schedule
Exact dates are tentative.**

Time required

Please note that each topic will consist of one recorded lecture of between 30-60 minutes with office hours with the facilitators provided each week. Lectures will be available for participants to watch at their convenience and an interactive platform for Q&A and sharing materials will also be available. Two options for office hours will be available to accommodate different time zones and schedules, envisaged that one session will take place in the morning Bangkok time and the other will take place in the late afternoon Bangkok time. Office hours will provide an opportunity for participants to discuss with facilitators and other participants.

It is anticipated that participants will spend 10-15 hours on classwork and homework each month. There will be three mandatory online live sessions of 60-90 minutes each and two face to face workshops of one week each (location to be determined but expected to alternate between Addis Ababa and Bangkok). Attendance at these is required.

Curriculum and timeline

Live session 1: Introductions and modalities (April 1)

Online training module 1: April 2024

Defining the research questions and carrying out a literature review

Topics:

- a. Science, inquiry, theory and research (April 2)
- b. Purpose and design of a research (April 3)
- c. Accessing and reading research (April 4)
- d. Conducting a preliminary review, narrowing down the topic and creating an outline (April 8)
- e. The PICOT framework for research questions (April 9)
- f. How to do a literature review (April 10)

Office hours: To be held on April 5, April 12, April 19 and April 26

Deliverables (by April 22): research questions with preliminary research, literature review outline

Online training module 2: May 2024

Critically evaluating evidence and defining a hypothesis to be tested, research ethics

Topics:

- a. Appraising source of the evidence, research question, objectives and hypothesis (May 6)
- b. Appraising study design, participants, generalizability (May 7)
- c. Appraising methods, analysis, bias and confounding, results (May 8)
- d. Appraising applicability and interpretation, relevance to policy and to proposed study (May 13)
- e. Creating a hypothesis (May 14)
- f. Informed consent, ethical research design and methods, conflicts of interest and peer review, seeking ethics approval (May 15)

Office hours: To be held on May 9, May 16, May 23 and May 30

Deliverables (by May 27): literature review, updated research question and hypothesis, ethical review

Online training module 3: June 2024

Developing the research approach and evaluating and identifying data sources and methods

Topics:

- a. Determining research design: quantitative, qualitative and mixed methods; experimental, observational, correlational (June 3)
- b. Identifying variables and measurement and drafting a conceptual framework (June 4)
- c. Selecting and evaluating data sources (June 5)
- d. Data collection methods (June 10)
- e. Sampling design and strategy (June 11)
- f. Analytical framework and data analysis plan (June 12)

Office hours: To be held on June 6, June 13, June 20 and June 27

Deliverables (by June 24): Conceptual framework, initial research proposal, including data source overview and elements from all three modules.

Live session 2: Presentation of a CRVS research paper by author(s) (July 1st)

Office hours in July and August by appointment.

Face to face workshop 1 : 26-30 August 2024, location TBD (either Bangkok or Addis Ababa)

Presentation of proposals, small group work on similar topics, discussion of proposal and ways to improve, follow up to training modules

Deliverables (by 15 September): final research proposal, approved by facilitator/coordinator and supervisor/mentor

Online training module 4: September 2024

Collecting data and analyzing results

Topics:

- a. Designing surveys and interviewing techniques (September 9)
- b. Observational methods and qualitative data collection (September 10)
- c. Experimental methods (September 11)
- d. Quantitative analytical methods: descriptive statistics (September 16)
- e. Quantitative analytical methods: inferential statistics (September 17)
- f. Qualitative analytical methods & mixed methods (September 18)

Office hours: To be held on September 12, September 19, and September 26

Deliverables (by September 30): Data collection strategy, analytical plan

Online training module 5: October 2024

Interpreting and presenting results and writing up

Topics:

- a. How to present results: tables (October 7)
- b. How to present results: graphs (October 8)
- c. Interpreting statistical evidence (October 9)
- d. Interpreting qualitative evidence (October 14)
- e. Structuring the paper and academic writing conventions (October 15)
- f. Discussing limitations and writing conclusions (October 16)

Office hours: To be held on October 10, October 17, October 24 and October 31

Deliverables (by October 28): outline of paper structure and how results will be presented, initial write up of findings following data collection.

Online training module 6: November 2024

Determining policy implications and disseminating findings

Topics:

- a. Identifying journals and journal article reporting standards (November 4)
- b. Aligning research findings with policy goals (November 5)
- c. Translating research into actionable policy recommendations (November 6)
- d. Dissemination strategies (November 11)
- e. Writing policy briefs (November 12)
- f. Engaging with policymakers and ethical considerations (November 13)

Office hours: To be held on November 7, November 14, November 21 and November 28

Deliverables (by November 29): draft research paper and dissemination strategy

Live session 3: Presentation of a CRVS research paper by author(s) TBD (2nd December)

Face to face workshop 2: 27-31 January 2025

Presentation of drafts, small group work on creating policy briefs, discussion and critique of papers and plans to finalise, follow up to training modules

Deliverables (by 28 February 2025): final research paper and policy brief plus other dissemination and research uptake material

Office hours in December, January and February: by appointment.

Post training follow up (February 2025 onwards)

Support in finalizing paper, dissemination, submission to journals and research uptake
Creation of alumni network