

Interdisciplinary Practice Course 2021 Schedule (Subject to change. Updated 1 March)  
 Important dates marked in yellow. Application code = SLU-40044. Course code = MX0141. Note: Attendance to lectures and workshops is not mandatory in the course, but we highly encourage students to attend and participate in the course's lectures and workshops to achieve the course' objectives. Attendance to at least 3 literature seminars is a requirement and obligatory in the course.

Course Week 1: interdisciplinarity and research design	Monday 22/3	Tuesday 23/3	Wednesday 24/3	Thursday 25/3	Friday 26/3
10:00 – 12:00			<b>Course Introduction</b>	<b>Lecture: Introducing interdisciplinarity</b>	<b>Lecture: Introducing problem formulation and problem oriented project work</b>
			Cristian Alarcon and	Cristian Alarcon	Cristian Alarcon
<b>Lunch Break 12:00 – 13:00</b>					
13:00 – 15:00			Reading/Project	<b>Lecture: Epistemological and ontological dimensions of interdisciplinary practice</b>	<b>Lecture: Case studies and interdisciplinarity</b>
				Cristian Alarcon	Cristian Alarcon
15:00 – 16:00			Reading/Project	Reading/Project	Reading/Project
					Easter holiday
Course Week 2: interdisciplinarity and research design	Monday 29/3	Tuesday 30/3	Wednesday 31/3	Thursday 1/4	Friday 2/4 Good Friday
10:00 – 12:00	<b>Lecture: Research design: What is it and what do you need to think about?</b>	Reading/Project	<b>Lecture: Different approaches to research design</b>	Reading/Project	
	Patrik Oskarsson		Patrik Oskarsson		
<b>Lunch Break 12:00 – 13:00</b>					
13:00 – 15:00	Reading/Project	Reading/Project	Reading/Project	Reading/Project	

<b>15:00 – 17:00</b>	Reading/Project	Reading/Project	Reading/Project	Reading/Project	
<b>15:00 – 17:00</b>	Reading/Project	Reading/Project	Reading/Project	Reading/Project	
<b>Course Week 3: Project work preparation</b>	<b>Monday 5/4</b>	<b>Tuesday 6/4</b>	<b>Wednesday 7/4</b>	<b>Thursday 8/4</b>	<b>Friday 9/4</b>
<b>10:00 – 12:00</b>		<b>Workshop: Prepare for project work</b>	<b>Workshop: problem oriented project work</b>	<b>Workshop: initiate project planning</b>	Literature Seminar 1
		Cristian Alarcon	Cristian Alarcon	Cristian Alarcon	Cristian Alarcon & Sara Westerdahl
<b>Lunch Break 12:00 – 13:00</b>					
<b>13:00 – 15:00</b>	Reading/Project				
<b>15:00 – 17:00</b>	Reading/Project				
<b>Course Week 4: Interdisciplinary research, theory and methodology</b>	<b>Monday 12/4</b>	<b>Tuesday 13/4</b>	<b>Wednesday 14/4</b>	<b>Thursday 15/4</b>	<b>Friday 16/4</b>
<b>10:00 – 12:00</b>	<b>Lecture: Research questions</b>	<b>Lecture: Practical Research Tools</b>	Reading/Project	<b>Lecture: Theorizing sustainability and political ecology</b>	<b>Lecture: Feminist political ecology</b>
	Patrik Oskarsson	Patrik Oskarsson		Cristian Alarcon	Stephanie Leder
<b>Lunch Break 12:00 – 13:00</b>					
<b>13:00 – 15:00</b>	<b>Lecture: Social theory and methodology</b>	<b>Lecture: Doing qualitative and quantitative research</b>	Reading/Project	<b>Lecture: Systems theory and energy accounting to assess sustainability</b>	
	Cristian Alarcon	Cristian Alarcon		Daniel Bergquist	
<b>15:00 – 17:00</b>	Reading/Project	Reading/Project	Reading/Project	Reading/Project	
<b>Course Week 5: Interdisciplinary practice, methodologies and methods</b>	<b>Monday 19/4</b>	<b>Tuesday 20/4</b>	<b>Wednesday 21/4</b>	<b>Thursday 22/4</b>	<b>Friday 23/4</b>

<b>10:00 – 12:00</b>	<b>Lecture: ethnographic research and observational methods</b>	<b>Lecture: citizen and community science</b>	<b>Lecture: big data and citizen science</b>	<b>Lecture: social research and citizen science</b>	<b>Lecture: Participatory methods</b>
	Noemi Gonda	Cristian Alarcon	Alejandro Ruete	Patrik Oskarsson	Cristian Alarcon
<b>Lunch Break 12:00 – 13:00</b>					
<b>13:00 – 15:00</b>	<b>Lecture: Interviews</b>	Reading/Project	Reading/Project	<b>Lecture: natural science research and citizen science</b>	<b>Workshop: Participatory methods</b>
	Cristian Alarcon			Mari Jönsson	Mayuri Kumari
<b>15:00 – 17:00</b>	Reading/Project	Project work proposal submission	Reading/Project	Reading/Project	Reading/Project
<b>Course Week 6: Interdisciplinary practice, methodologies and methods</b>	<b>Monday 26/4</b>	<b>Tuesday 27/4</b>	<b>Wednesday 28/4</b>	<b>Thursday 29/4</b>	<b>Friday 30/4</b>
<b>10:00 – 12:00</b>	<b>research after the</b>	<b>research and</b>	<b>interdisciplinary</b>	<b>Literature Seminar 2</b>	<b>No scheduled classes</b>
	Alejandro Marcos Valls and Sachiko Ishihara	Linley Chiwona Karlton:	Alin Kadfak	Cristian Alarcon & Sara Westerdahl	
<b>Lunch Break 12:00 – 13:00</b>					
<b>13:00 – 15:00</b>	<b>Lecture: Discourse analysis</b>	<b>Lecture: Doing fieldwork and operationalising theory in the field</b>	<b>Lecture: Local carbon budgets and interdisciplinarity</b>	<b>Lecture: Researching Swedish municipalities and regions in the rural context</b>	
	Cristian Alarcon	Harry Fischer	Martin Wetterstedt	Patrik Cras	
<b>15:00 – 17:00</b>	Reading/Project	Reading/Project	Reading/Project		
<b>Course Week 7:</b>	<b>Monday 3/5</b>	<b>Tuesday 4/5</b>	<b>Wednesday 5/5</b>	<b>Thursday 6/5</b>	<b>Friday 7/5</b>

<b>10:00 – 12:00</b>	<b>Lecture: agroecology, interdisciplinarity and action research</b>	Reading/Project	Literature Seminar 3	Home Exam writing	Home Exam writing
	Cristian Alarcon		Cristian Alarcon & Sara Westerdahl		
<b>Lunch Break 12:00-13:00</b>					
<b>13:00-15:00</b>	<b>Lecture: agroecology and interdisciplinary practice</b>	Reading/Project		Home Exam writing	Home Exam writing
	Margarita Cuadra				
<b>15:00 – 17:00</b>	Reading/Project	Reading/Project	Hand out instructions for home exam		
				Holiday (Ascension Day)	
<b>Course Week 8: Home exam</b>	<b>Monday 10/5</b>	<b>Tuesday 11/5</b>	<b>Wednesday 12/5</b>	<b>Thursday 13/5</b>	<b>Friday 14/5</b>
<b>8:00-12:00</b>	Home Exam writing	Home Exam writing	Home Exam writing		<b>No scheduled classes</b>
<b>Lunch Break 12:00-13:00</b>					
<b>13:00-15:00</b>	Home Exam writing	Home Exam writing	Home Exam writing		
<b>15:00 – 17:00</b>			Hand in home exam		
<b>Course Week 9: Project work</b>	<b>Monday 17/5</b>	<b>Tuesday 18/5</b>	<b>Wednesday 19/5</b>	<b>Thursday 20/5</b>	<b>Friday 21/5</b>
<b>10:00 – 12:00</b>	Project work in groups	Project work in groups	Project work in groups	Project work in groups	Literature Seminar 4
					Cristian Alarcon & Sara Westerdahl
			Consultation		



## Course readings (To be updated)

### MX0141 Interdisciplinary Practice

15.0 credits

2021-03-24 - 2021-06-06

Course coordinators: Cristian Alarcon and Patrik Oskarsson

Course administration: Sara Westerdahl

### Course books (selected chapters to be indicated in the course schedule)

- Creswell, J. W., & Creswell, J. D. Research design: Qualitative, quantitative, and mixed methods approaches (5th edition, international student edition). London: SAGE, 2018
- Fahy, Frances, and Henrike Rau, eds. Methods of sustainability research in the social sciences. Sage, 2013
- Kanazawa, Mark. Research methods for environmental studies: A social science approach. Routledge, 2017.
- Meadowcroft, James, and Daniel J. Fiorino, eds. Conceptual innovation in environmental policy. MIT press, 2017.
- Olsen, Poul Bitsch and Kaare Pedersen. Problem-oriented project work. Samfundslitteratur, 2008.

### Introducing interdisciplinary practice, research design and problem-oriented project work

- Barry, A., G. Born, et al. (2008). "Logics of interdisciplinarity." *Economy and Society* 37(1): 20-49.
- Frodeman, R. 2011. "Interdisciplinary research and academic sustainability: managing knowledge in an age of accountability." *Environmental Conservation* 38(02): 105-111
- Guba, EG. and Y. S. Lincoln (1994). *Competing Paradigms in Qualitative Research*. Handbook of Qualitative Research. N. K. Denzin and Y. S. Lincoln
- Hadorn, GH., S. Biber-Klemm, et al. 2008. "The emergence of transdisciplinarity as a form of research." *Handbook of transdisciplinary research*: 19-39
- Jacobs, JA. and S. Frickel 2009. "Interdisciplinarity: A Critical Assessment." *Annual Review of Sociology* 35(1): 43-65.
- Mercer, C. 2002. NGOs, civil society and democratization: a critical review of the literature. *Progress in Development Studies* 2:1 pp. 5–22 (17p)
- Pohl, C. and G. H. Hadorn 2008. "Core terms in transdisciplinary research." *Handbook of transdisciplinary research*: 427-432

- Strang, V. 2009. "Integrating the social and natural sciences in environmental research: a discussion paper." *Environment, Development and Sustainability* 11(1): 1-18.

### **Research frameworks: Theories, concepts, methodology and methods**

- Alarcón C. and Chartier C. (2017). "Degrowth, energy democracy, technology and social-ecological relations: Discussing a localised energy system in Vaxjö, Sweden", in *Journal of Cleaner Production* (Scopus) Volume 197, Part 2, 1 October 2018, Pages 1754-1765
- Alarcón C. (2019). "Transforming wood energy in Sweden and Chile: climate change, environmental communication and a critical political ecology of international forestry companies", in *Critical Perspectives on International Business*
- Alarcón C. 2016. *Action Research for Emancipation: Social-Ecological Relations and Basic Conceptual Questions* in Hans Peter Hansen, Birger Steen Nielsen, Nadarajah Srisikandarajah and Ewa Gunnarsson (eds.) *Commons, Sustainability, Democratisation Action Research and the Basic Renewal of Society*. Routledge, London
- Alexander, J. *What is Theory? In twenty lectures sociological theory since world war II*
- Altieri, Miguel. & Toledo, Victor (2011) *The agroecological revolution in Latin America: rescuing nature, ensuring food sovereignty and empowering peasants*, *The Journal of Peasant Studies*, 38:3, 587-612
- Bechhofer, F., & Paterson, L. (2000). *Principles of research design in the social sciences*. London; New York: Routledge. Ch 1-3.
- Benjaminsen, T.A. & Svarstad, H. 2010. *The Death of an Elephant: Conservation Discourses Versus Practices in Africa*. *Forum for Development Studies*, 37:3, 385-408,
- Bergelin, Å., Emrettson, M., Lundgren Halvarsson, A., Halvarsson, E. and Ryen, A. (the Drevdagen kvinnoforum), in L. Fortmann (ed), "För oss är naturen en lisa för själen (Where peace comes dropping slow)," *Participatory Research in Conservation: Doing Science Together*, pgs. 146-161. Blackwell-Wiley, 2008.
- Bexell, Magdalena (2019) "Power and Legitimacy", in Fuchs, Doris, Hayden, Anders and Kalfagianni, Agni (eds) *Handbook of Global Sustainability Governance*, Abingdon: Routledge.
- Brydon-Miller, M., Rector Aranda, A., & Stevens, D. M. (2015). *Widening the Circle: Ethical Reflection in Action Research and the Practice of Structured Ethical Reflection*. In H. Bradbury (Ed.), *The SAGE handbook of action research: Edited by Hilary Bradbury* (Third edition, pp. 596–607). Los Angeles: SAGE Publications. Available on:
- Bryman, A. (2012). *Social research methods* (4th ed). Oxford: Oxford University Press. pp. 44-78
- Bryman, Allan, 2015. *Social Research Methods*, 5th edition, chapter 20: 'Interviewing in qualitative research'
- Bryman, Allan, 2015. *Social Research Methods*, 5th edition, chapter 21: 'Focus groups'
- Buijs, A.E., Arts, B.J.M, Elands, B.H.M, Lengkeek, J. 2011. *Beyond environmental frames: The social representation and cultural resonance of nature in conflicts over a Dutch woodland*. *Geoforum*, 42 (3): 329-341.



- Cargo and Mercer (2008). The value and challenges of participatory research: strengthening its practice. *Annual Review of Public Health*. 29:325-350
- Cavestro, L. (2003). P.R.A. - Participatory Rural Appraisal Concepts Methodologies and Techniques. Padova: University of Padova.
- Flyvbjerg, B. 2006. "Five misunderstandings about case-study research." *Qualitative inquiry* 12 (2):219-242.
- Forester, J. (2013). On the theory and practice of critical pragmatism: Deliberative practice and creative negotiations. *Planning Theory*, 12(1), pp 5–20. (15 p)
- Hacking, I (1999). *The Social Construction of What? – Chapter 1: Why ask what?* Harvard University Press 1-34 \*
- Inglis, D., Thorpe, C (2012). *An Invitation to Social Theory – Chapter 10: Structurationist Paradigms*. Polity Press. 208-233
- Harcourt, W. (2015). The slips and slides of trying to live feminist political ecology. In W. Harcourt & I. Nelson (eds.). *Practising feminist political ecologies: Moving beyond the 'green economy'*, pp. 238-259. Zed Books Ltd.
- Haugaard M (2012) Rethinking the four dimensions of power: domination and empowerment. *Journal of Political Power* 5(1): 33–54. (21p)
- Helvetas Swiss Intercooperation. (2015). *Concept Note SLMP Training of Field Practicioners for Community-Based Watershed Management* (pp. 41–47). Zurich: Helvetas.
- Herman, A. 2015. Enchanting resilience: relations of care and people-place connections in agriculture. *Journal of rural studies*. V42: 102-111
- Hesse-Biber, S.N., 2010. *Mixed methods research: Merging theory with practice*. Guilford Press, New York. Ch 1.
- Hulst, M. van & Yanow, D. (2016). From Policy “Frames” to “Framing” Theorizing a More Dynamic, Political Approach. *The American Review of Public Administration*, 46(1), pp 92–107. (15 p)
- Joas, H. and W. Knoebl (2009). “Theory” in: *Social theory*, Cambridge University Press.
- Johansson, Rolf, (2007) On Case study methodology. *Open House International* ., Vol. 32 Issue 3, p 48-53
- Jorgensen, M. W., & Philips, L. (2002). Introduction chapter in *Discourse Analysis as Theory and Method*. London, Thousand Oaks, New Delhi: Sage Publications.
- Kadfak, A., & Oskarsson, P. (2020). An (Urban) Political Ecology approach to Small-Scale Fisheries in the Global South. *Geoforum*, 108, 237–245.
- Kitzinger, J. 1994. The methodology of focus groups: The importance of interaction between research participants. *Sociology of Health & Illness* 16(1): 103–121.
- Laurent, É. 2011. Issues in environmental justice within the European Union. *Ecological Economics*. 70 (11):1846-1853
- Lewontin, R. C. (1991). Facts and the Factitious in Natural Sciences. *Critical Inquiry*, 18(1), 140–153.
- Long, J. W., Ballard, H. L., Fisher, L. A., & Belsky, J. M. (2015). Questions That Won't Go Away in Participatory Research. *Society & Natural Resources*, 1–14.
- Lund, C. (2014). Of What is This a Case?: Analytical Movements in Qualitative Social Science Research. *Human Organization*, 73(3), 224–234.



- Manning, J. (2018). "Becoming a decolonial feminist ethnographer: Addressing the complexities of positionality and representation." *Management Learning* 49(3): 311-326.
- Mikkelsen, Britha, 2015, *Methods for development work and research. A new guide for practioners. Second edition. Chapter 3: Participatory methods in use.*
- Moon, K., & Blackman, D. (2014). *A Guide to Understanding Social Science Research for Natural Scientists: Social Science for Natural Scientists. Conservation Biology*, 28(5), 1167–1177
- Newton, Julia, and Alison Parfitt (2011). "Striving for mutuality in research relationships: The value of participatory action research principles." In Franklin, A, & Blyton, P (eds) *Researching sustainability: A guide to social science, methods, practice and engagement* (2011): 71-88.
- Nightingale, A. (2003). *A feminist in the forest: Situated knowledges and mixing methods in natural resource management. ACME: An International Journal for Critical Geographies*, 2(1), 77-90.
- Peet, R. & Watts, M. (1994). *Liberating political ecology. In: Peet, R., Watts, Michael (ed.) Liberation ecologies: environment, development, social movement. Routledge.*
- Reason, P & Bradbury, H. (2008). *Introduction. In (Eds) Reason, P & Bardbury, H. The Sage handbook of action research – participatory inquiry and practice. Introduction. Sage, London. p.1-16*
- Brydon-Miller, M., Greenwood, D. & Maguire, P. (2003). *Why action research?. Action Research, Volume 1(1): p.9–28*
- Reckwitz, A. (2002). *Toward a Theory of Social Practices – A Development in Culturalist Theorizing. European Journal of social Theory* 5 (2): 243-263
- Reilly, .2010. *Participatory case study. In: Mills, Albert J. and Durepos, Gabrielle and Wiebe, Elden, (eds.) Encyclopedia of case study research. Sage, Thousand Oaks, CA, pp. 658-660.*
- Rocheleau, D. (1995). *Maps, numbers, text, and context: Mixing methods in feminist political ecology. The Professional Geographer*, 47(4), 458-466. (see Canvas)
- Silverman, David, 2015. *Interpreting Qualitative Data, 5th edition, chapter 7: 'Interviews'*
- Silverman, David, 2015. *Interpreting Qualitative Data, 5th edition, chapter 8: 'Focus groups'*
- Stewart, D.W. and P. Shamdasani. 2015. *Focus groups. Theory and practice. Applied Social Research methods Series Volume 20. Thousand Oaks: SAGE Publications. Chapters 2+3*
- Sundberg, J. (2016). *Feminist political ecology. International Encyclopaedia of Geography: People, the Earth, Environment and Technology: People, the Earth, Environment and Technology*, 1-12.
- Svampa, M. (2012). *Resource extractivism and alternatives: Latin American perspectives on development. Journal fur Entwicklungspolitik*, 28.
- Thomas, G. 2011. "A Typology for the Case Study in Social Science Following a Review of Definition, Discourse, and Structure." *Qualitative Inquiry* 17 (6):511-521.
- Weisser, F. and D. Müller-Mahn (2017). "No Place for the Political: Micro-Geographies of the Paris Climate Conference 2015." *Antipode* 49(3): 802-820.



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- Yin, RK. 2012. Applications of Case Study Research. Thousand Oaks (California): Sage. Chapter 3, The Role of Theory in Doing Case Studies