Module Title	The circular economy in a spatial context
Code	MCCf333
Degree Programme	Master of Science – Circular Innovation and Sustainability
ECTS Credits	3
Workload	90 hours • 14 hours contact teaching • 76 hours self-study & guided exercises
Module Coordinator	Name: Prof. Dr. Rahel Meili Phone: +41 (0) 31 848 58 80 Email: rahel.meili@bfh.ch Address: BFH – Institut Sustainable Business Brückenstrasse 73, 3005 Bern
Lecturers	• Mirja Mätzener; Business School
Entry Requirements	None
Learning Outcomes and Competences	After completing the module, students will be able to: • identify the crucial location factors for their individual case; • identify and analyse the regional innovation system their individual case is embedded in and analyse the strengths and weaknesses of the system; • understand which role their individual case plays in the (regional) sustainability transition; • define necessary policy measures regarding location factors / innovation system which help their individual case and support the transition to a more sustainable economy in the whole.
Module Content	Economic activity and so the circular economy and its networks happen in certain physical places. Hence, place matters for companies – even in our digitalized world. This course explores the literature on regional economic development theories. We will examine the factors that contribute to the development of the circular economy in a region. The theories presented focus on explanations of spatial economic patterns and regional innovation dynamics. A particular focus of the class will be to apply the concepts to the individual case and to develop appropriate strategies for the choice of location, to recognize the regional innovation system the individual case is situated in as well as thinking about the role the individual case plays within the sustainability transition. Building on that, policy measures, which may help the individual case and support the transition to a more sustainable economy, will be defined.
Teaching / Learning Methods	• Flipped classroom • Project-based learning

Assessment of Learning Outcome	• Individual report (60%) • Individual oral presentation (40%) In case of an overall insufficient grade (<4), students have the possibility to do a specific report improvement as defined by the module coordinator if overall grade as well as report grade is minimum 3.5 (≥3.5). The maximum overall grade that can be obtained with the specific report improvement is 4.
Conditions of assessment repetition	In case of failure, students can either: • Realise a new assignment - Individual report (100%) at next re-examination period. • Retake the full module next time it is offered. **NB: in MSc CIS, failed modules can only be repeated once!**
Format	2 lessons per week over 7 weeks
Attendance & Compulsory session	Not compulsory
Timing of the module	Spring Semester
Venue	On-site
Location	Bern
Bibliography	• MacKinnon, D. & Cumber, A. (2019). *An Introduction to Economic Geography: Globalisation, Uneven Development and Place.* Abingdon: Routledge • Tödtling, F., Trippl, M. & Desch, V. (2021): New directions for RIS studies and policies in the face of grand societal challenges, *European Planning Studies, 30 (11)*, 2139-2156. DOI: 10.1080/09654313.2021.1951177 • Coenen, L., Benneworth, P., & Truffer, B. (2012). Toward a spatial perspective on sustainability transitions. *Research Policy, 41(6)*, 968–979. DOI: 10.1016/j.respol.2012.02.014
Language	English
Links to other modules	• MCCf013 Introduction to circular economy • MCCf163 Cities and infrastructure
Last Update	May 2023