

							Instruments				
							Creativity	Coalition	Critique	Cases	Change-Making
							Methods of Creative Ideation and Development, Design of Material, Storytelling, Design Skills for Creative Expression	Links to other organisations, departments, universities, publics. > Use of dialogue / participatory design methods > Knowledge Clusters - Linkages	Critical analysis of solutions. > Research of Social Problems and Solutions form around the world > Application of various theoretical lenses to problems and solutions	Experiments / "Infrastructuring" > Experiments with partners in the public sphere / common good / commons / under-privileged segments > Ongoing research projects / working with publics to work on wicked problems > Laying ground work for major change	Theory > Creating new knowledge > Participation in conferences > Papers by faculty and students > theories of social change development and analysis
No	Department	University	Degree	Notes	website	Accessed					
1	Faculty of Fine Arts and Communications	Macewen University	dipl Design Studies	graphic design based program	https://www.macewen.ca/wcm/Schools/FacultyofFineArts/Programs/DesignStudies/index.html	08-03-2018 at 6:00pm	Yes. Most courses are practical studio based	No. Student work shows standard visual design portfolio work done by themselves	Yes/No. There are courses in liberal arts and design thinking, so there is some critical analysis in the program design	No. There does not seem to be any ongoing project or attempt to solve wicked problems in class or in internships	No. Faculty is oriented to design as craft. Most faculty members don't have profiles on the website. Many faculty members are diploma form the same institute.
2	School of Art, Media, Performance and Design	York University	M Design	graphic design based program with components of critical design	http://design.yorku.ca/studies/programs/courses/	08-03-2018 at 6:50pm	Yes. Some of the courses are project based and have creative components	Yes. There are some collaborative components but there seems to be no effort to collaborate with other partners	Yes. There are critical design based courses in the electives also in the design studio courses. There is an effort to uncover the role of a designer	No. There does not seem to be any ongoing project or attempt to solve wicked problems in class or in internships	No. Faculty is oriented to more performative and practice based. There does not seem to be any major publications
3	Department of Design and Computation Arts, Faculty of Fine Arts	Concordia University	M Design	the program focuses on sustainability as strategy and philosophical for the future of design theory and practise	https://www.concordia.ca/academics/graduate/design.html	08-03-2018 at 7:30pm	Yes. Some of the courses are project based and have creative components. However many of the courses are theory based	No. Interdisciplinary work seems to be there but not as a collaborative practice. University has many departments and many research institutes but cant see inter-disciplinary coordination	Yes. There is a specified lens that is applied which brings built environment, sustainability and visual design together. Also seems to be a number of courses that show reflexivity in course design	Yes. There are a number of ongoing research projects, institutes and research chairs, however it is not clear how design students can engage. Within the department also there are a number of research initiatives but nothing seems to be in the realm of wicked problems, more "practical" almost commercial projects	Yes. To some extent, faculty is more performative and practice based, but they have publications as well. New knowledge was not found
4	Industrial Design	Carleton University	M Design	Masters thesis: Study of SDG of UN in the curriculum of undergrad design degrees. https://carleton.ca/d/story/sustainable-development-canadian-design-schools/	https://carleton.ca/d/mdes/	10-03-2018 at 9:30pm	No. The program is more research based, and less emphasis on creative skills.	Yes. There seems to be collaborative interdisciplinary approaches including working with other partners as well	No. Even though inter-disciplinarity is stressed as a model, however there does not seem to be a specific model that covers how inter-disciplinarity can be used for critical problem solving	No. There does not seem to be any ongoing project or attempt to solve wicked problems in class or in internships. However the thesis that was written does indicate an openness to dialogue	No. Faculty is rooted in practice. Could not see any new design knowledge created and used in the class-room.
5		Emily Carr University	M Design	This university has a research strategic plan: http://www.connect.ecuad.ca/sites/www.connect.ecuad.ca/files/papers/13/StrategicResearchPlan-2013-2018.pdf which talks about the inter-disciplinary and inter-university collaboration in detail	http://www.ecu.ca/cal/academics/graduate/degrees/master-of-design	13-03-2018 10:30am	Yes. The program is heavy on creative skills	Yes. There are strong linkages with departments in other universities on the research and institutional level. However, it is not clear how these translate into experience for the design students in terms of pedagogy	No. There is no clear lens or model that is used for reflexivity. Seminar course covers various approaches and design contexts	No. Yes. There are a number of faculty long term projects and experiments that are undertaken with a visual / communication lens, however student involvement in these projects is not clear.	No. Multi credit thesis project will allow for exploration but does not leave much space for faculty knowledge to be passed back into pedagogical framework.
6		OCAD University	M Des SFI	Set in an art school has its strengths and weaknesses. Weakness is lack of inter-disciplinary availability	https://www.ocad.ca/academics/graduate-studies/strategic-research-and-innovation.htm	13-03-2018 11:50am	Yes/no. Very little emphasis on creative thinking tools and techniques, with more emphasis on strategy and leadership. However, strategy is the focus point and it is valid as a focus	No. Yes. Course descriptions and titles betray a tilt towards systems and strategy. The definition of design is expanded to include strategy and systems. However, the video from 2014 shows a tilt towards design methods like storytelling and role playing, these are not present in the new course catalogue. Perhaps things have shifted. However, there are elements of dialogic design in the "hidden course"	No. There is no clear lens or model that is used for critical analysis and thinking	Yes. Faculty leads the field in many areas like SSBMG business model canvas and other innovations. Faculty involvement in RSD is also there, showing contributions to the fields.	
7		OCAD University	M Des Inclusive Design	Very little material available online. Making assessment very difficult	https://www.ocad.ca/academics/graduate-studies/inclusive-design.htm	13-03-2018 11:15pm	Yes. This is a very focussed design program. Skills seem to be the focus	No. Yes. The inclusive design research center has a number of ongoing projects including a number of them funded by US government entities in the field of education. Other projects are funded by grants from various government entities in Canada. However, there does not seem to be any link between the projects and the student experience.	Yes. The lens of inclusivity is an overarching concern in the program and this goes through the program structure. However, since the program does not seem to show the details of courses it is not possible to make an assessment	No. Or not possible to assess because the nature of studio and problem framing is not clear in the published material. Also, inclusivity paradigm is a very narrow framework for sustainability unless applied to a broader resilience framework.	No. It is unclear if the faculty have any publications or contribution in inclusive design as a field except for some work in built and typographical environments.
8	Chang School of Continuing Education	Ryerson University	Certi in Design Management	Many of the courses are available through distance education	https://ceonline.ryerson.ca/cal/academic/default.aspx?cert=DESIGN08&cert=DESIGN08&cert=DESIGN08&cert=DESIGN08&cert=DESIGN08	16-03-2018 10:20am	No. Program is based on design management not creative skills	No. This is a professional program to get people started in jobs or business	No.	No.	No
9	School of Design	George Brown College	PG Design Management	This course focuses on business objectives	https://www.georgebrown.ca/g401-2017-2018/	16-03-2018 10:50am	No. Program is based on design management not creative skills	No. This is a professional program to get people started in jobs or business	No.	No.	No
10	Institute Without Boundaries	George Brown College	PG Interdisciplinary Design Strategy	There is an option to complete MA in IDS from IDS from IDS in 4 months after PG IDS from Toronto	http://institutewithoutboundaries.ca/whats-new/learn/ma-ids/	16-03-2018 11:00am	Yes. Courses in skills are offered in the 2 semesters.	Yes. Project work is all group based and project partners lead the projects	No. There does not seem to be a process to incorporate critical thinking and analysis in the process of making.	Yes. Every 3 to 5 years IWB takes on a research project and this project is the foundation of the coursework, "Massive Change, the World House Project, and the City Systems Project. Our most recent research project is about Regional Ecologies"	No. Faculty is practice based, and even though they would be bringing their knowledge and skills back from work to the class, there is no evidence of any ground breaking or different research having been conducted and written up by the faculty.
11	Sobey School of Business	St. Marys University	M Technology Entrepreneurship and Innovation, MTEI	Combines MBA subjects to produce tech entrepreneurs and innovators	http://www.stmarys.ca/academic/technology-innovation.html	17-03-2018 8:30pm	No. Even though the material mentions that students may work as a team to build a startup, the ideagen process/product or service design is not covered.	No. There are no coalitions or projects of that sort. Students would collaborate in projects though	No. There does not seem to be a process to incorporate critical thinking and analysis in the process of making. There does not seem to be a model to incorporate critical skills	No. There does not seem to be any effort to conduct experiments	Yes to some extent. Faculty does have some publications to their name.
12	Rotman	University of Toronto	MBA Major in Innovation and Entrepreneurship	This is a major in the MBA program. Rest of the MBA would be the same. This is one of 16 majors that are offered in the Rotman MBA	http://www.rotman.utoronto.ca/Degrees/MBA/Programs/MBAPrograms/MBAPrograms/InnovationAndEntrepreneurship.html	18-03-2018 7:40pm	No. Except for the courses offered in the Integrative Thinking elective stream. Other courses are standard MBA courses. Business design courses offered in the Business Design major	No. Yes. Business Design Works is a lab where design thinking is applied to business problems. In this it is likely that students may be exposed to coalitions and participatory approaches. In the Creative Destruction Lab also there is opportunity to work with the CDD. community worldwide	No. There does not seem to be a process to incorporate critical thinking and analysis in the process of making. There does not seem to be a model to incorporate critical skills. There may be some ethics framework in the business ethics space (Clarkson Centre for Business Ethics and Corporate Governance)	No. There does not seem to be any effort to conduct experiments	Yes to some extent. Faculty in the Martin Prosperity Institute are at the cutting edge of thinking on sustainable business etc.

13	Smith School of Business	Queens University	M Management Innovation and Entrepreneurship	This program can be taken anywhere, except for three intensives at the school.	https://smith.uq.ca/entrepreneurship/ex.php	20-03-2018 7:20pm	Yes. There are three intensives, which cover design thinking and innovation approaches.	Yes. Since the students are supposed to be working on either a startup or an innovation project inhouse while they are not in classes, which means they are in the field.	No. There does not seem to be any critical platform or model in use. There are a number of faculty in business ethics however there does not seem to be any input into this program	No. Since the focus is on the projects undertaken by the students themselves, there do not seem to be any experiments undertaken	No. There is experienced faculty in many areas, but the faculty list does not have an area for innovation or entrepreneurship. There is a portion for sustainability but it seems forced. This program is an intensive practical program, not heavy on theory
14	DeSauteles	Mc Gill	BCom Concentration in Strategic Management - Social Business and Enterprise	Strategic Management Concentration has two options: Global Strategy (1) and Social Business and Enterprise (2)	https://www.mcgill.ca/desauteles/programs/bcom-academic/courses/information/centrations/strategic-management-social-business-enterprise	21-03-2018 3:45pm	No/Yes. Program does have elements of strategy formation and design of systems, but it is open to students to pick and choose the courses that work for them.	No. Apart from standard internships, nothing relevant was found.	No. Even though there is an ethics course in the list, there is no clear critical framework that could be called a model	Yes. Through the Marcel Desautels Institute for Integrated Management, which has an aim to make strategies that transcend rather than trade-off. It is called the Social Innovators Integration Lab (https://www.mcgill.ca/desauteles/integrated-management/mdim-initiatives/social-economy-initiative/social-innovators-integration-lab). Even though this is a single project, there is evidence of an effort	Not much. Henry Mintzberg (one of the pioneers of strategy research) is listed in the faculty. He has written many texts and papers on strategy. However, it is not clear how much of it translates into course work for the BCom classes in this concentration. Yuan Li who is listed as a mentor does not have a faculty profile, and Robert David who is also listed as a mentor, has no relevant profile
14b	DeSauteles	Mc Gill	BCom Concentration in Managing for Sustainability	Since this is also a concentration in the same BCom program, it is not listed as a separate number	https://www.mcgill.ca/desauteles/academic/courses/information/centrations/sustainability	21-03-2018 4:00pm	Yes/No. Program does have elements of strategy formation and design of systems, but it is open to students to pick and choose the courses that work for them. This has more relevant options than the above concentration	No. However, the course work shows that the program is structured around three programs and was awarded collaboration between the Marcel Desautels Institute for Integrated Management (MDIM), the Department of Geography and the School of Environment.	No. In fact the description states that the business of sustainability is the focus, ie the same neo-liberal lens that treats environment as an asset to be owned and manipulated	Yes. Through the Marcel Desautels Institute for Integrated Management, which has an aim to make strategies that transcend rather than trade-off. It is called the Social Economy Initiative (https://www.mcgill.ca/desauteles/integrated-management)	Not much. Dro Etzion is one of the professors who is tenured and teaches the sustainability courses has written many papers on the subject. However, it is not clear how much of this is reflected in course work at BCom concentration level. Mishra who is the mentor, is a professor in marketing and his specialisation is marketing subjects
15	Sauder School	UBC	MBA Career Track in Innovation and Entrepreneurship	This is a specialisation in the MBA program that covers intrapreneurship and entrepreneurship also	http://www.sauder.ubc.ca/Programs/MBA/MBA_Full_Time/Program_Covering_Career_Tracks/Business%20Innovation%20and%20Entrepreneurship	8/4/2018 21:30pm	No. This is very much a traditional MBA Program. No particular focus / creative process is visible	Yes. The business strategy integration track runs throughout the course, including cases, business immersion and summer internship	No. This track is more based on innovation from the tech perspective and entrepreneurship based on setting up companies	No/Yes. The Center for Social Innovation and Impact Investing is a central focal point for programs and research in various related areas and the students of various programs have the opportunity to incubate social innovation ideas and projects and be part of ongoing research there	Yes/No. Even though the list of publications is extensive, the relevant publications to social change, social policy or social innovation are limited. However, there are a number of publications in entrepreneurship
16	Bissett School of Business	Mount Royal	BBA concentration in Social Innovation	This is a 10 course concentration, with 8 required courses and 2 electives	http://www.mtrroyal.ca/Programs/Courses/Faculties/Schools/Centres/Innovation%20and%20Social%20Innovation/No%20profit/Management/Courses/MCourses_Gem/MGMT.htm	#####	Yes. The course entitled SINW 3303 - Storytelling & Systems seems to have elements of storytelling. The details of the course could not be found. Same would apply for: SINW 4402 - Human Centred Design for Social Impact SINW 5405 - Social Innovation Strategy & Action	No. There are research projects ongoing at the institute for environmental sustainability, but there are not too many indications of partners or participatory approaches	Yes/no. The elective course list contains courses related to critical thinking and analysis. However, since students can select from the list of courses (2 out of 8) the framework will come across as patchy	No. However, there are several opportunities in the institute of environmental sustainability: http://www.mtrroyal.ca/Programs/Courses/Faculties/Schools/Centres/InstituteForEnvironmentalSustainability/StudentOpportunities/CurrentOpportunities/index.htm	Yes/No. One faculty member is listed in publications. Other faculty is more inclined to practical projects
17	Alberta School of Business	University of Alberta	MBA Specialisation in Innovation and Entrepreneurship	This Specialisation is based on year two of a two year MBA. It is supported by the Technology Commercialisation Center (TCC) and the eHUB (entrepreneurship hub) at the University	https://www.ualberta.ca/business/programs/inba/degree-program/innovation-entrepreneurship	#####	No. There is one elective in design thinking in the specialization. Otherwise this is a very traditional MBA in entrepreneurship	Yes. In terms of working on spin off companies projects: "U of A's track record of creating spin-off companies (over 50 companies, more than any other Canadian University and 2nd in North America) no other business school can offer a program on par with the Alberta MBA in Innovation & Entrepreneurship." The capstone course is practical course where students work with an organisation	No. There is no model as such. If anything the model is entrepreneurial success	No/Yes. There is some evidence of this eg in the cleantech course, students would work with a cleantech company or do a case study of one	Yes. The head of the TCC is a tier 1 researcher and writes and creates knowledge in this area extensively. Also, the Entrepreneurship courses are guided by the center of Entrepreneurship and Family Enterprise, which is an area of specialisation for the business school. https://www.ualberta.ca/business/programs/bachelor-of-commerce/prospective-students/about/majors/entrepreneurship-and-family-enterprise
18	Alberta School of Business	University of Alberta	MBA Specialization Sustainability	This is a stream in the MBA program	https://www.ualberta.ca/business/programs/sustainability	29/05/2018 4:45pm	No/Yes. Courses in social entrepreneurship and starting a social venture offer the platform to have discourse around tools to design, however this being an MBA program, the focus is likely to be on strategy and implementation rather than design	No. Nothing found	Yes. There are courses on ethics and corporate social responsibility, and the framework that is laid out is that of corporate sustainability practice	No/Yes. The Canadian Center for Corporate Social Responsibility does provide some opportunities for instructing through research, however direct link to the program was not found. https://www.ualberta.ca/business/centres/corporate-social-responsibility/research	No. Departments are defined by functional area, and faculty for sustainability was not found separately.
19	Continuing Studies	Simon Fraser University	Certificate Social Innovation	Looks like a complete program. Good website UX	https://www.sfu.ca/continuing-studies/programs/social-innovation/certificate.html	#####	Yes. One of the courses, The Innovation Process: Ideation, Experiments and Containers for Risk covers this area to some extent. However, this cannot be said for all courses and projects	No. However, the practicum course does offer connection with practitioners	No. There does not seem to be any critical platform or model in use.	No. There do not seem to be any ongoing social infrastructure experiments. Maybe because this is a certificate program	Yes/No. Kate Sutherland has a recent book out on using facilitation methods. Others are more practical consultants and does
20	Center for Engineering in Society, Faculty of Engineering and Computer Science	Concordia University	Graduate Certificate Innovation, Technology and Society	3 core courses followed by a practicum in the Concordia District 3 Center for Entrepreneurship and Innovation	https://www.concordia.ca/academic/graduate/innovation-technology-society/certificate.html	17/04/2018 12:00pm	No. The three core courses cover communication, business and psychology. The third course is a seminar course, which may have something relevant, however, there was no material available on the course contents	Yes. Through the practicum and the seminar in innovation process course which looks at the communication methods used, (assuming that dialogic processes are taught as part of the comms processes)	No. There does not seem to be any approach of this sort.	No. There would be projects, but nothing in the realm of experiments.	No way of assessing as the faculty for this program is not defined
21	Institute for Social Innovation and Resilience	Waterloo University	Graduate Diploma Program (2011-2014)	This program was not offered after 2013-14. This program was funded by the J.W. McConnell Family Foundation. https://mcconnellfoundation.ca/ Brenda Zimmerman who was the co-founder of the program passed away in 2014 also. Some date was recovered from the wayback machine	https://uwaterloo.ca/waterloo-institute-for-social-innovation-and-resilience/programs/	18/04/2018 10:15pm	Yes. From the classical systems and resiliency perspective. https://web.archive.org/web/20150212235729/http://igrids.ca/program_content.aspx	Yes. Through SIG (http://sigknowledgehub.com/) and WISR there is a network, however it is not clear if students were involved in this research and network	Yes. To some extent considering the resiliency framework can be considered to be a critical framework.	Yes. But it is not clear if students were involved in the processes. 2013-2014 website shows that they had a theme for the year. In this case it was Young Canadians Innovating for a Resilient Canada	Yes. Three areas of research were identified and publications were made in the following areas: 1. Cross scale transformations in complex systems 2. Indigenous Innovators 3. New theories and methods in social innovation
22	Haskayne School of Business	University of Calgary	BCom Concentration in Entrepreneurship and Innovation	This is a 6 course concentration including 4 courses in entrepreneurship	https://www.ucalgary.ca/haskayne/students/undergraduate/exploratory/programs/entrepreneurship-innovation	18/04/18 11:15pm	No. The courses are standard new venture courses from an undergrad perspective	No	No	No	No. Even though the faculty has written and published a lot on business subjects in general

23	School of Public Policy and Administration	Carleton University	Master and Graduate Diploma in Philanthropy and Nonprofit Leadership	School of PPA has two programs that will be looked at, this is one of them, the other one has been given a separate entry https://carleton.ca/mpl/	19/04/18 9:00pm	No. This program takes a traditional policy making approach. No courses were found with any specific creative focus. http://calendar.carleton.ca/g rad/courses/pan/	Yes. Through practicums and professional development opportunities. But detail for this is not available	No. No clear foundation seems to be in place for critical analysis, even though the whole non-profit structure is structured to critical analysis and action, however this is not espoused in the course structure or literature in so many words.	Yes. Through the Carleton Center for Community Innovation, there are a number of ongoing research projects which students can engage with. https://carleton.ca/cci/about-us/ . Here is the list of projects: https://carleton.ca/cci/projects-and-initiatives/ . However, it is still not clear how students can engage with the ongoing projects and research	Yes. Many faculty are published and have research that is current in the public policy area.
24	Department of Political Science and Public Administration	Ryerson University	MA Public Policy and Administration	This program is run through the graduate school Yeates School of Graduate Studies. The program can be completed through coursework, MRP, or thesis https://www.ryerson.ca/politics/programs/graduate/	25/04/2018 9:00am	No. This is a traditional policy analysis and policy making course.	Yes. But only if the students enrol in the field placement course, and that too for one course credit. The list of possible placements is long. https://www.ryerson.ca/politics/programs/graduate/mpa/placement-opportunities/	Yes. One of the objectives of the program states: "To foster a sense of professional and public responsibility among our graduates and a sense of the public sector's positive contribution to Canadian society". This is a critical approach in a sense, however, since it does not critique the current status quo directly, rather it is positive only, it can be said to be skewed. There is also an elective course in the elective list.	No/Yes. To some extent through the public servant residence program, it is possible that there are ongoing experiments, however it is not clear how this link has any impact on students, or how students engage with this program. https://www.ryerson.ca/politics/about-us/external-advisors/	Yes. The department has a strong research and publication agenda for faculty and the full time and professors of distinction all have publication agendas.
25	Department of Political Science	Western University (UWO)	MPA	This program is focussed on Local Government. It is designed for mid career local government professionals wanting to upgrade their skills. Question: Can sustainable change be initiated and managed at the local level? Current answer is "yes". Further understanding needed http://localgovernmer.uwo.ca/masters/index.html	25/04/2018 at 9:00am	No/yes. There are no creative or strategic processes taught in the course, from what is observable http://www.localgovernment.uwo.ca/resources/docs/MPABrochure.pdf . There is one strategy course and a couple of policy making courses also, but these are really limited in creative outlook, from what can be discerned.	Yes. The program lies in with the local government in Samia. Here is the link to the collaboration. http://www.thebserver.ca/2018/01/22/city-of-sarnia-teams-up-with-western-university-local-government-collaboration/	No. No clear foundation seems to be in place, unless the idea of local development is considered to be a critical paradigm itself.	Yes to some extent, but maybe not through the department itself. Through the samia link it is possible that the students get to experiment and present to the city	Yes. Faculty members have publications in the field of local and multi-tiered government.
26	Johnson Shoyama Graduate School of Public Policy	University of Regina & University of Saskatchewan	MPA	There are 2 programs that are offered in this program. The MPA and the MPP. They are offered as a joint program bw University of Regina and Saskatchewan https://www.sc.hooklopublicpolicy.sk.ca/graduate-programs/masters-of-public-administration-mpa-description	28/4/2018 at 4:15pm	No. Courses are based on analysis and administration, not design of policy	Yes. Because this is a joint degree, it has cross-pollination from both the universities. And also from research institutes like the Centre for Study of Co-operatives	Democracy and Leadership which looks at the issues related to "executive leadership, applied ethics and efforts to create and sustain trust within and through the profession of public administration"	No/yes.Center for Co-ops had a program with elements of an experiment but this program was shut down in 2016. http://uasaskstudies.coop/Research/co-operative-innovation-project.php	Yes. Leadership team of the JSGS has a lot of experience and published research in their fields. Many other faculty are also well published in their fields
26	Johnson Shoyama Graduate School of Public Policy	University of Regina & University of Saskatchewan	MPP	There are 2 programs that are offered in this program. The MPA and the MPP. They are offered as a joint program bw University of Regina and Saskatchewan but both programs have slightly different requirements https://www.sc.hooklopublicpolicy.sk.ca/graduate-programs/masters-of-public-administration-mpa-description	28/4/2018 at 4:15pm	No. Cant see any policy design course. Its more economics and analysis	Yes. Because this is a joint degree, it has cross-pollination from both the universities. And also from research institutes like the Centre for Study of Co-operatives. Internships are also available for students	No/yes. There is one course in the electives list called Social policy, but other courses are more focussed on areas. There may some elements of criticality but they are not visible.	No. Apart from the research institutes that are present.	Yes. Leadership team of the JSGS has a lot of experience and published research in their fields. Many other faculty are also well published in their fields
27	School of Public Administration	University of Victoria	MPA	Outline: https://www.uvic.ca/hsd/publicadmin/graduate/future-students/grad-programs/pa-campus/index.php . Online: https://www.uvic.ca/hsd/publicadmin/graduate/future-students/grad-programs/pa-online/index.php This program is offered online and on campus (2 years). Also as a joint degree with a JD (Juris Doctor) also (4 years for both degrees).	2018-01-05 at 9:30:00 AM	No. There are no courses of this sort, however there is one course which has some area of policy creation, but this is minor. Mostly courses emphasis is on analysis	Yes. Through interaction and collaboration with Dispute Resolution students in the MADR program, there is a method called PADR which is practised and taught in the program. The linkage with the JD program also shows the kind of emphasis on sharing of knowledge. There is also a co-op program for the full time on campus students	Yes. But Through an ethics framework. Full time students would take a course called Professional Integrity in the Public and Non-Profit Sectors and online students would take a course called Leadership and Ethics in the Public Sector	No. There are no experiments. Maybe because, as a traditional PA program, experiments would mean policy experiments which might be beyond the pale of traditional PA thinking.	Yes. Faculty has written extensively in their areas.
28	School of Public Policy	Simon Fraser University	MPP	Full time program with co-op https://www.sfu.ca/mpp/student-information.html	2018-02-05 at 9:30:00 PM	No/yes. There are no creative courses, however one or two courses seem to have some strategic policy making angle. Others are more analysis	No. Nothing visible from the write-up except for the co-op program	No/yes. There is a series of courses titled Power, Politics and Public Policy I and II however the professor who is to teach these, Doug McArthur is on leave and so no description is given for these courses. However, the title seems to indicate that some critical analysis would be conducted on the nature of the connection of power, politics and public policy. Also, there might be something going on in the Institute for Intersectionality Research and Policy however, the webpage is not accessible beyond: https://www.sfu.ca/mpp/centre_for_public_policy_research/irp.html	No. There do not seem to be any ongoing social infrastructure experiments	Yes. Various faculty members are well published and are experts in their fields, including the president of the university who also heads the department.
29	School of Public Policy	University of Calgary	MPP	This is a course based program and can be completed with a JD or and MBA https://www.ucalgary.ca/future-students/graduate-programs/public-policy-masters-course-based https://www.uwinnipeg.ca/graduate-studies/graduate-programs/joint-masters-program.htm#public-admin & http://umanitoba.ca/faculties/arts/departments/political_studies/masters_pa/index.html	2018-03-05 at 4:45:00 PM	No. There are no creative type courses in this degree.	No. Nothing of this sort is visible in the course structure. However, there would be natural interactions in the joint MPP and MBA and JD programs	No critical framework is visible, and no courses cover ethics topics (that are easily visible)	No/yes. This is a taught program. However, the school of public policy has myriad programs that are in play. Here is the list: http://www.policyschool.ca/about/our-focus/	Yes. Faculty is deeply engaged in research and many of the research initiatives are published.
30	Department of Political Science of The University of Winnipeg and the Department of Political Studies of The University of Manitoba	University of Winnipeg/Manitoba	Joint MPA	Joint prgram offered at both universities. It is a course based program with 8 core courses and 4 electives. Students can decide at the end which degree they want https://www.uwinnipeg.ca/graduate-studies/graduate-programs/joint-masters-program.htm#public-admin & http://umanitoba.ca/faculties/arts/departments/political_studies/masters_pa/index.html	2018-09-05	No. There are no creative type courses in this degree.	Yes. Since this program draws on both universities, and their departments. "The approach is interdisciplinary, although courses in Political Science (at UWinnipeg) and Political Studies (at UManitoba) are emphasized" https://www.uwinnipeg.ca/factsheets/docs/factsheet-ma-public-admin.pdf	No. There does not seem to be any critical analysis method that is obvious, however it is unlikely that the two departments do not have any courses that could impact the students. As an example: http://umanitoba.ca/faculties/arts/departments/political_studies/course_outline/201718.html	No. Nothing is visible.	Yes. Senior faculty is well published in their areas

31	Graduate School of International and Public Affairs	University of Ottawa	MA in Public and International Affairs	Since this is almost a dual degree it covers two areas that can be seen together or can be disparate also. Faculty seems to be overlapping with political studies department also. There is also an MA in Public Administration http://catalogue.uottawa.ca/en/graduate/maste/ma-international-affairs/#text	2018-10-05	No. Nothing of the sort is visible.	Yes, to some extent. Through the faculty of social sciences, there are a number of research institutes and there can be linkages through this mechanism. eg EPRI: http://www.epri.ca/partnership/ has partnerships with educational, government and others	Yes. To some extent because there is one course for Public and International Affairs that would cover critique in an oblique way.	No/yes. http://research.uottawa.ca/ab/out/strategic-areas-development/ . Even though the university does a lot of research in many areas, there do not seem to be any experiments in play and specifically not for this program.	Yes. Professors like Roland Paris https://unweb.uottawa.ca/#uottawa/members/1004 have a lot of contribution to policy in Canada and have deep contacts in the government also.
32	School of Political Studies	University of Ottawa	MA	This program is offered in french and english. It is a thesis based or research based program http://catalogue.uottawa.ca/en/graduate/maste/ma-international-affairs/#text	13/05/2018	No. Nothing of the sort is visible.	Yes, to some extent. Through the faculty of social sciences, there are a number of research institutes and there can be linkages through this mechanism. eg EPRI: http://www.epri.ca/partnership/ has partnerships with educational, government and others	No/yes. There does not seem to be any course or structure in a direct way, however there may be some critique offered in the Core Seminar in Comparative Politics	No/yes. http://research.uottawa.ca/ab/out/strategic-areas-development/ . Even though the university does a lot of research in many areas, there do not seem to be any experiments in play and specifically not for this program.	Yes. Professors have a lot of contribution to policy in Canada and have deep contacts in the government also.
33	School of Public Policy and Governance	University of Toronto	MPP	There is a JD/MPP program also, and there are collaborative program possibilities also http://publicpolicy.utoronto.ca/programs/mast/ma-public-policy-program/	15/05/2018	No/yes. There are courses in strategy formulation (eg PPG1007H: Putting Policy into Action: Strategic Implementation of Public Objectives) and policy development also. However, it is not clear if there are any courses in creative expression of strategy or policy dev	Yes. The school has a partnership with Evergreen and this is used to give students experience. There are other courses which are inter-disciplinary also	Yes. The Partnership with evergreen can be seen as a place for experimentation. There are a number of student led initiatives http://publicpolicy.utoronto.ca/programs/master-of-public-policy-program/student-leadership/ which students can be a part of. These can be seen as experiments in infrastructuring	No/yes. Faculty have experience in public sector, however, there does not seem to be any research/publications (not found on website)	
34	School of Public Policy and Administration	York University	MPPAL	Program is interdisciplinary between Public Policy, Administration and Law. It is offered as a part-time/professional development program http://opol.gradstudies.yorku.ca/	19/05/2018 10:50am	No. There are no such courses listed	No. There are courses in "experiential education", however they are not for this program. http://sppa.laps.yorku.ca/files/2015/11/Experiential-Education-courses.pdf	No/yes. There is an law and ethics module. However, the focus is on legal solutions. There may be aspects of critique here.	No. Even though there are links between the University and the Public Services, however, no direct link in terms of experiment was found	Yes. There are a number of publications from the department. Here is a list: http://sppa.laps.yorku.ca/files/2015/11/Experiential-Education-courses.pdf
35	The Glendon School of Public And International Affairs	Glendon College, York University	MPIA	This program is a bilingual program. There is also a dual degree with University of Strasbourg in France http://www.glendon.yorku.ca/gspia/masters-program/prospective-students/our-program/ . The course details taken from http://gradstudies.yorku.ca/files/2014/06/fgs-calendar-2017-174.pdf	20/05/2018 11:45am	No. There does not seem to be any course of this sort	Yes. There is a colloquium method that is taught in at least one of the core courses: Public & International Affairs 6200 1.5: Colloquium: Canada and its Place in the World. Also, the joint program with Strasbourg will ensure a dialogue based approach	No. There was no mention of any critical analysis method or format	No. There is no experimental method visible	No/yes. There is no particular knowledge creation or dissemination that could be found, except for the BMO chairs who have substantial impact.
36	Department of Political Science	University of Waterloo	MPS	This is a co-op program https://uwaterloo.ca/master-of-public-service/	20/05/2018 12:45pm	No. There does not seem to be any course of this sort	Yes. The major project is constructed as a "major team project" requiring students to work together in a team to complete the project. https://uwaterloo.ca/master-of-public-service/current-students/team-project	Yes. To some extent this is covered in the course PS 613 The Politics of Difference in Canada: Challenges and Policy Responses	Yes/no. Through the co-op program students would get hands on experience. This can be construed as a type of "infrastructuring"	Yes. Faculty of the host department of political science has the "highest rate of journal publications per faculty member of any department of political science in English Canada" https://uwaterloo.ca/political-science/research
37	School of Policy Studies	Queen's University	MPA	There is also an MPA/JD program. JD program is also available with MBA and other options. The MPA is also available as PMPA (Professional MPA which runs like an executive degree) http://www.queensu.ca/sps/mpa-courses	20/05/2018 8:50pm	No. There does not seem to be any course of this sort. Curriculum is based on quant reasoning	No. However, there is some interaction with the local government in Kingston. This is covered in the area of "experiential learning" http://www.queensu.ca/sps/lady-here/experiential-learning	No/yes. There is one course in the electives on ethics, nothing else.	No. There do not seem to be any experiments undertaken	Yes. Faculty of the host department of political science has the "highest rate of journal publications per faculty member of any department of political science in English Canada" https://uwaterloo.ca/political-science/research
38	Department of Political Science	Concordia	MA in Public Policy and Public Administration (MPPPA)	Program has three options: Option A is courses only, while Option B is internship based. Option C is thesis based https://www.ufa.val.ca/sites/default/files/2018/04/mpppa-program-ms/graduate/mpppa-public-policy-administration.html	21/05/2018 12:20pm	No. There does not seem to be any course like this	No/yes. There is a series of workshops called workshops of social science research, there would be some interaction there	No. There is nothing to indicate a critical method	No. There do not seem to be any experiments undertaken	Yes. The department has faculty that is quite well published in their areas of expertise, however it is difficult to draw inferences regarding the program itself based on the information
39	Department of Political Science	Universite Laval	MA Political Science	Website was in french, translated via google translate. This is a public sector university in Quebec dedicated to public administration. Website is in french, translated via google translate. Three MPA programs are offered: For managers, for professionals, and by research https://www.ufa.val.ca/sites/default/files/2018/04/mpppa-program-ms/graduate/mpppa-public-policy-administration.html	21/05/2018 8:510pm	No. There does not seem to be any course like this	Yes/no. The department has 48 research chairs and centers, which are structured to allow students to participate in coalitions in many areas	No. There is nothing to indicate a critical method	Yes. This degree is structured around an internship, which can be structured as an experiment of sorts - even though it is not run by the department	Yes. The department has a strong research and publication agenda for faculty and the full time and professors of distinction all have publication agendas.
40		ENAP	MAP (MPA)	Website was in french, translated into english to go through it. There is also a JD joint program http://www.enap.ca/enap/12327/Map%20-%20A%20des%20options%20enap	21/05/2018 8:530pm	Yes/no. There is an integration module (in the managers option) which requires students to apply their knowledge in a real situation. In this there is a course called ENP7350 Research and Intervention Methods which would have aspects of design of policy interventions	Yes/no. The university has a number of options for exchange programs and study abroad and with other universities. http://www.enap.ca/enap/15473/Ententes-du-BCI-enap	No. There is nothing to indicate a critical method	Yes. This degree is structured around an internship, which can be structured as an experiment of sorts - even though it is not run by the program	Yes/no. The university has a number of research projects in international and national relations ongoing which are being published, however, direct link to the program is not clear
41	Department of Public Administration	Moncton University	MPA	French University. Website was translated into english to go through it. There is also a JD joint program http://www.umoncton.ca/ressources/index.php?table=1&lang=1&campus_sel=1&faculte_sel=1&departement_sel=3&no_mpus_id=3&no_programs_sel=1&no_options_id=198	24/05/2018 8:40am	Yes/no. There is a course called Interventions and Research, it is likely that this course could provide a foundation for developing skills in intervention. There are a few relevant courses in the elective list also	No. Nothing like this can be seen.	No/yes. There is an elective course on ethics, which may provide the foundations of something in terms of critical thinking.	No/yes. There is a possibility that the internship course could be fit into this model, but no exact fit	Yes/no. There is a chair in public administration. No other information could be found
42	School of Public Administration	Dalhousie University	MPA	There are a number of options for MPA degree including MPA, MPA (Management), MPA and MLIS (Library Information Sciences), JD https://www.dal.ca/academics/programs/graduate/masters/graduate-m-details.html	24/05/2018 10:00am	No. Nothing of the sort is visible.	Yes. There are a number of applied courses, which would require students to interact with outside parties. https://www.dal.ca/academic/programs/graduate/mparesearch.html	Yes/no. There is a required course called ethics, public service and governance and this may form a basis of critical analysis	Yes. There is an initiative that the students can avail called: "Aligning Students and Projects" (ASAP) initiative builds on the success of the School's student internship program to offer students the opportunity to gain practical work experience, as well as provide financial support while enrolled at the SPA. https://www.dal.ca/faculty/management/school-of-public-administration/research.html	Yes. The department has a strong research agenda.

				Offered as a MEEEM (business degree) and MSCEEM (more focussed on economics of sustainability and is research based). Year 1 is the same for both in which students earn a GDBA. Second year is separate for both streams	https://www.tru.ca/business/eeem/	24/05/2018 3:45pm	No. There does not seem to be any course like this	No. Nothing was found on website	Yes. Both streams have the same learning objectives. And these present a clear path to developing sustainability strategies using economic analysis. Learning goals also include the ethics of sustainability. https://www.tru.ca/business/eeem/future-canadian-students/learning-goals-curriculum.html	No. Nothing is visible	Yes/no. The Institute of Environment has a research center called SMART Prosperity Institute which aims to "advance practical policies and market solutions for a stronger, cleaner economy." http://institute.smartprosperity.ca/ There are regular publications	No/yes. Most of the faculty have interests and publications in traditional economic analysis. Only three professors seem to be inclined to sustainability. https://www.tru.ca/business/eeem/research-supervisors.html
43	School of Business and Economics	Thompson Rivers	Masters of Environmental Economics and Management									
44	Institute of the Environment	University of Ottawa	Msc Environmental Sustainability	This is a full time program. There is a research project option and a thesis option	https://www.uofottawa.ca/environment/academic-programs/masters-environmental-sustainability-program-structure	26/05/2018 at 10:45am	Yes. There is a course in the integration module where strategy formulation is discussed, with options on the table. Also, there is a capstone seminar to show how to select options (EVD5111 Capstone Seminar in Environmental Sustainability (3 un.))	Yes/no. If students take the co-op route	No/yes. The structure of the program can be viewed as positivistic in construction, and in some ways this is a critique of the way that business and government are run. However, there is no direct course on critical thinking etc.	Yes/no. The Institute of Environment has a research center called SMART Prosperity Institute which aims to "advance practical policies and market solutions for a stronger, cleaner economy." http://institute.smartprosperity.ca/ There are regular publications	Yes. The Institute of Environment has a research center called SMART Prosperity Institute which aims to "advance practical policies and market solutions for a stronger, cleaner economy." http://institute.smartprosperity.ca/ There are regular publications	
45	School of Environment and Sustainability	University of Saskatchewan	Masters of Sustainable Environmental Management	There is another similar program in the same university called The Master of Environment and Sustainability	https://sens.usask.ca/programs-professional-degrees/masters-sustainable-environmental-management-program.html	26/05/2018 at 11:40am	Yes. There is a course called ENVS 508: Tools and Applications for Sustainability Problem Solving which would cover approaches to creating solutions	Yes. There are a number of MOUs with organisations and students have the opportunity to work with them. https://sens.usask.ca/partnerships.php#BeardysandOkemaFirstNation	No/yes. The structure of the program can be viewed as positivistic in construction, and in some ways this is a critique of the way that business and government are run. However, there is no direct course on critical thinking etc.	Yes. The School has a field school at Redbery School Biosphere Reserve and the program starts with students working there	Yes. The SENS faculty is well published in their field. Here is an example: https://sens.usask.ca/document/s/annual-reports/SENS%20Annual%20Report%202015-16.pdf	
46	School of Environmental Studies	Queen's University	Masters of Environmental Studies	There are 2 options, course based degree and research based degree. Program details were pulled from: http://www.queensu.ca/ensc/sites/webp/ubish.queensu.ca/resources/files/files/NEStpugrad_program_guide_apply_no_sept_2013.pdf	http://www.queensu.ca/ensc/sites/webp/ubish.queensu.ca/resources/files/files/NEStpugrad_program_guide_apply_no_sept_2013.pdf	26/05/2018 at 12:15pm	No/yes. Since the required courses are very few, and students have options to take courses from any department, it is difficult to assess how the program would flow. As such each course of this type were found	Yes. Students in the research stream are encouraged to find faculty and research from other parts of Queens, and since admission is granted to people from biology and social science background, the interactions are bound to be inter-disciplinary	Yes/no. There is a required course that is ENSC 802 - GLOBAL ENVIRONMENTAL PROBLEMS: ISSUES IN SUSTAINABILITY. This course does present a critical view of sustainability. Apart from this there does not seem to be any particular emphasis on critical analysis	No. Even though some of the research conducted in the natural sciences is applied by nature	Yes. The department has three areas of research focus, and these are 1. environmental chemistry and toxicology 2. ecosystem and human health 3 environment and society. Faculty are actively engaged in research in these areas of research http://www.queensu.ca/ensc/research	
47	School of Environment and Sustainability	Royal Roads	MA Environmental Education and Communication	There are 5 graduate programs offered in the SIEES, two are MA and two are MSc. This program is mixed learning, 6 courses are on campus and 5 are online.	http://www.royalroads.ca/proposals/graduate-studies/masters-environmental-education-and-communication-program-description	27/05/2018 at 11:00am	Yes. There is a systems course and also a Learning Theory and Program Design course. These courses would provide a platform to explore creative processes	No. There does not seem to be anything of the sort	Yes. There is a course on Worldview, ethics and environment, which allows the introduction of critical questions in the process	No/yes. The department has a research agenda which includes Sustainable Community Development https://www.crcresearch.org/sustainable-infrastructure/sustainable-infrastructure . This can be construed as a type of experimentation.	Yes. The department has a research agenda which is funded and published, however, specific to this program, there are courses taught online by faculty who reside in other places in Canada. There is no clear link between online courses and research based change making. RoyalRoads University has been designated a changemaking campus with Ashoka http://www.royalroads.ca/changemaking	
48	Environmental Sustainability Research Center	Brock University	Sustainability Science and Society [Master of Sustainability]	The degree is offered in two Schemes. Scheme A is Co-op program, while Scheme B is thesis program. At its core this is an inter-disciplinary program	https://brocku.ca/ensc/issas/	29/05/2018 at 11:15am	Yes. There is a course called Problem Solving in the Environment which provides for a platform to discuss approaches and debate about solutions	Yes. There is a course called Transdisciplinary seminar which allows for interaction across disciplines and discourse with visiting academics and sustainability practitioners	Yes/no. Through the Methods for Environmental Enquiry and the Politics elective, a platform is there for critical analysis, however, this model does not seem to question itself as such	Yes. The ESRC has a long time relationship with Niagara Parks Commission, and a new MOU has also been inked in this regard. Brock Community Garden and Co-op programs also allow students to work on sustainability projects	Yes. Faculty is deeply engaged in research and many of the research initiatives are published.	
49	School of Environment and Sustainability	Royal Roads	Master of Environment and Management (MA and MSc)	There are other programs in this school also. Mentioned above in 47. This is mainly an online program. Students are awarded MA or MSc degree depending on background and thesis criteria	http://www.royalroads.ca/proposals/graduate-studies/masters-environmental-education-and-communication-program-description	27/05/2018 at 12:30pm	Yes. There are courses in systems and implementation which can be considered as the foundation for strategies	No. Nothing found.	Yes. There is a course on Worldview Ethics and Environment which is the first course in the list.	No/yes. The department has a research agenda which includes Sustainable Community Development https://www.crcresearch.org/sustainable-infrastructure/sustainable-infrastructure . This can be construed as a type of experimentation.	Yes. Some of the full time faculty have a research agenda which is funded and published, however, specific to this program, there are courses taught online by faculty who reside in other places in Canada. There is no clear link between online courses and research based change making. RoyalRoads University has been designated a changemaking campus with Ashoka http://www.royalroads.ca/changemaking	
50	Center for Environment and Sustainability	University of Western Ontario	Master of Environment and Sustainability	This is an accelerated program including a co-op. All courses are compulsory and there are no electives	https://www.uwo.ca/enviro/gpa/graduate/mes_program/index.html	29/05/2018 at 2:30pm	Yes/no. In the course called engineering solutions, students problem solve for environmental and sustainability challenges	Yes. Through the co-op program students work with companies. Also, students do a full credit course called Consulting project where they work with a real client. This can be construed as linkage. Also, research associates are all from other departments.	No/yes. Some components of critique may be covered in the courses of Building sustainable business and Foundations of sustainability, however these are not completely critical of the existing systems hence not perfectly in tune	No. Nothing is visible.	No/yes. Faculty is drawn from other departments and so the CES itself does not have a clear publication path, even though faculty is well published in their own fields	
51	School of the Environment	Trent University	MA Sustainability Studies	There are 3 streams: Thesis stream, MRP stream, and Entrepreneurship and Innovation Management Co-op Stream. Program is headed by a professor from the business school. Hence it is not clear which school this program falls into	https://www.trentu.ca/sustainability/	29/05/2018 at 5:45pm	No. There are only 2 compulsory courses in the program	Yes/no. Since faculty comes from a number of programs, students can be exposed to many different ideas	No. There does not seem to be any such format.	No. Nothing is visible.	Yes. Faculty seems to be well into their research specialty in biology, however since the program does not seem to have any dedicated faculty, the direct link to the program is not clear.	
52	Institute for Management & Innovation	University of Toronto (UTM)	MSc Sustainability Management	This program can be taken as a collaborative program with School of Environment, UTM and also students of the Geography program at UTM can take courses in this masters while completing their undergrads. The program has exchange programs with three universities including Lund in Sweden, Copenhagen and Geneva	http://www.utm.utoronto.ca/mscm/	30/05/2018 at 9:20am	No/yes. There is a course called Strategies for Sustainability Management. This does provide a platform for discussion on various tools and techniques	Yes. Electives can be taken across all three campuses, and if students go for the exchange program, they would definitely get access to other ideas and build coalition	No. Nothing found in terms of critique.	No. Nothing found. Students may take co-op options but this does not reflect on the program itself	Yes/no. Faculty is drawn from other departments and they are well published in those departments, however, there does not seem to be any focus on this program as such	

53	Department of Economics	University of Winnipeg	MA Environmental, Resource and Development Economics	After completion of the 6 core courses, students can take three routes: 1. Course work and Research Project 2. Course work and Practicum 3. Course work only	https://www.uwinnipeg.ca/omics/graduate/overview.html	30/05/2018 at 10:45am	No. This is an economics based degree	No. Nothing visible	No. No courses like these	No. Nothing visible, maybe because this is in the department of economics	No/yes. Even though some faculty seems to be well published, however that does not seem to be widespread and also the publications are general economics ones, not related to the program
54	Faculty of Environmental Studies	York University	Environmental Studies	MES has joint JED/MES degree option and a planning professional option also. There are a couple of certificate options also	http://fes.yorku.ca/applv/mes/	30/05/2018 at 12:45pm	No. Since the plan of study is created by the students themselves, there is no creative focus. It is all research based	Yes. The students have the opportunity to research on a number of research initiatives including the global footprint initiative and the water security for northern peoples initiative	No. Nothing found in terms of critique.	Yes. The students have the opportunity to research on a number of research initiatives including the global footprint initiative and the water security for northern peoples initiative	Yes. Since faculty supervises student research there is a direct link to research topics and publications. Students are involved in research
55	School of Environment, Enterprise and Development	University of Waterloo	Master of Environment and Business	This is an online program, with flexibility built into it in terms of time to complete and assignment submissions etc. There are 2 residencies built into it, with 2 weeks in the beginning and 3 days at the end	https://uwaterloo.ca/school-of-environment-enterprise-development/graduate-programs/master-of-environment-and-business	30/05/2018 at 2:10pm	Yes/no. There are courses in strategies for sustainable enterprises and scaling innovations which would provide the opportunity for looktiks to be used	No. Since this is an online program, inter disciplinary coordination would be almost impossible to achieve	No. Nothing found in terms of critique.	No/yes. The department has links to two institutes which have a lot of cutting edge work has been done: Waterloo Institute for Complexity & Innovation and Waterloo Institute for Social Innovation and Resilience. However, this program would not have any link to these, as students would be online	Yes. Faculty in the School is highly qualified and published.
56	Faculty of Science: Department of Earth and Planetary Sciences	McGill University	Earth and Planetary Sciences: Environment, MSc	This is a thesis based program that has limited course work	https://www.mcgill.ca/eps/students/graduate-programs	30/05/2018 at 4:00pm	No. Nothing of the sort is visible.	No. Nothing found.	No. Nothing found in terms of critique.	No. The department has a host of research groups and high end facilities. However, these are groups that study the natural world, no view on sustainability	Yes. Faculty is deeply engaged in research and many of the research initiatives are published.
57	Department of Physical and Environmental Sciences	University of Toronto (UTSC)	Master of Environment Science	There are three options: 1. Research 2. Internship 3. Part-time	http://utsc.utoronto.ca/graduate/degrees/menvsc-0	30/05/2018 at 5:30pm	No. This is a core science based program	No. Even internships are required to be arranged by the students	No. Nothing found in terms of critique.	No. Nothing found.	No/yes. Department wide research is there, and students would work with faculty for research, but nothing specific was found
58	Ottawa-Carleton Geoscience Centre	University of Ottawa/Carleton University	MSc. Earth Sciences - Environmental Sustainability	Joint program offered at the OCGS. There are three options: With Research Paper, with Thesis, and Co-op option. Institute of the environment at Ottawa also shows the same program	http://catalogue.uottawa.ca/en/graduate/masters/science-earth-science-specialization-environmental-sustainability/	30/05/2018 at 5:50pm	Yes/no. Course called Applied Environmental Sustainability offers the platform for designing solutions	Yes/no. Course called Professional Skills for Environmental Sustainability covers multi stakeholder handling etc. So it is covered to some extent	No/yes. Course called Foundations of Environmental Law may contain critical thinking but this is more a legal framework	No. None found but this is probably because the websites and joint programs are not well represented	Yes. As far as the institute of environment is concerned Faculty is well respected and published
59	Department of Geography and Environmental Studies Laurier	Wilfrid Laurier University/University of Waterloo	Master of Environmental Studies (MES)	This is an online program, with flexibility built into it in terms of time to complete and assignment submissions etc. There are 2 residencies built into it, with 2 weeks in the beginning and 3 days at the end	https://www.wlu.ca/programs/arts/graduate/environmental-studies/index.html / https://uwaterloo.ca/waterloo-laurier-graduate-program-in-geography/graduate-programs	30/05/2018 at 7:45pm	No. Nothing of the sort is visible.	Yes. There are 2 courses that can be deemed as policy making. These may provide a platform for constructive discussion. These are: Foundations of Environmental Policy and Administration and Applied Environmental Problem Solving	Yes/no. There are a number of research institutes that the students can draw on. These are listed here: https://uwaterloo.ca/waterloo-laurier-graduate-program-in-geography/institutes-centres-and-research-groups	Yes. In terms of ongoing research, there are atleast 2 listed at the moment. Since these are long term research projects they can be conceived of as Experiments that students can be a part of	Yes. Many of the faculty from both universities that are affiliated to the department are well respected and published. As an example: https://uwaterloo.ca/geography-environmental-management/people-profiles/sarah-burch
60	Environmental Policy Institute	Memorial University of Newfoundland	MA Environmental Policy	Program is offered with thesis or with research paper	http://grenfell-epi.com/master-s-j-d-environmental-policy/about-mes/	31/05/2018 at 10:45am	No. This is a core biology research based degree	No. Nothing was found on website	Yes/no. There is one compulsory and one elective that can offer a critique. These are Environmental Political Thought and Ecological Economics	Yes/no. There are a number of partnerships in place which could be the basis of long term experiments, however nothing specific was found. http://grenfell-epi.com/environmental-policy-institute/partner-agency-and-industry/sites/	Yes. Faculty is deeply engaged in research and many of the research initiatives are published. As an example: http://grenfell-epi.com/faculty-and-staff/gallery-details-2236
61	Ottawa-Carleton Institute of Biology	University of Ottawa / Carleton University	MSc: Biology - Environmental Sustainability	This is a collaboration between University of Ottawa and Carleton University departments of Biology. OCIB is housed on both campuses	http://catalogue.uottawa.ca/en/graduate/masters/science-biology/#text / http://www.ocib.ca/	31/05/2018 at 5:45pm	No. This is a core biology research based degree	No. This is a core biology research based degree	No. This is a core biology research based degree	No/yes. There is a boreal forest and wetland built into the new biosciences center at UOttawa, and so students may engage here for a hands on experiment and experience	Yes. Faculty from both departments are engaged in deep biology related research, however specific research related to environmental sustainability was not found. Ottawa biology faculty do conduct research in conservation
62	Department of Geography, Planning and Environment	Concordia	MSc Geography, Urban and Environmental Studies	This is a thesis based program. There are a number of electives on offer, but 2 courses have to be taken from the list	http://www.concordia.ca/graduate/mcs/graduate/urban-environmental-msc.html	31/05/2018 at 6:30pm	No/yes. There are a few electives that might be applicable. However, since students are required to do only 2, it is likely that students may not take those courses	No. Nothing found, even though the department has a number of labs and initiatives. http://www.concordia.ca/arts/ci/department-of-geography-planning-environment/research/labs.html	No. Nothing found in terms of critique.	No/yes. No ongoing equipment found except for faculty and student research	Yes. Faculty is well published
63	School of Public Policy and Administration and the Faculty of Engineering and Design	Carleton University	MA Sustainable Energy Policy or MSc or MEng Sustainable Energy.	This program is run from the same school as the nonprofit and philanthropy program at the SPPA and Faculty of Engineering and Design in Carleton University. Program is based on engineering principles for non-engineers. Students can specialise in policy, mechanical energy conversion or efficient electrical energy systems	https://carleton.ca/scep/	24/04/2018 at 11:30am	No. Since this is an engineering based program, creativity is not the focus. https://carleton.ca/sustainable-energy/courses/	Yes. Since this is a multi/interdisciplinary course, it is designed for cross-fertilisation between engineers and policy people. https://carleton.ca/sustainable-energy/courses/	Yes. In the sense that sustainable energy is already a critical framework, limited as it is in its export	Yes/no. The Carleton Sustainable Energy Research Centre is the space where research is carried out. This program resides in this research area. However, it is not clear how students interact with the SERC. There are co-op options also available for the students. https://carleton.ca/cserc/careers-research-in-sustainable-energy/	Yes. Faculty is well published and comes from 4 departments related to sustainable engineering