

# Master in Environmental Studies (Planning) Handbook 2023-2024



environmental &  
urban change

YORK U

## Land Acknowledgement

We recognize that many Indigenous nations have longstanding relationships with the territories upon which York University campuses are located that precede the establishment of York University. York University acknowledges its presence on the traditional territory of many Indigenous Nations. The area known as Tkaronto has been care taken by the Anishinabek Nation, the Haudenosaunee Confederacy, the Wendat, and the Métis. It is now home to many Indigenous Peoples. We acknowledge the current treaty holders and the Mississaugas of the Credit First Nation. This territory is subject of the Dish with One Spoon Wampum Belt Covenant, an agreement to peaceably share and care for the Great Lakes region.

## Faculty of Environmental and Urban Change

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## Questions?

For questions related to **administrative issues** (e.g., registration, petitions, funding, etc.) or guidance through the formal requirements of the program, please contact Ouma Jaipaul-Gill ([oumajai@yorku.ca](mailto:oumajai@yorku.ca)).

For questions related to **course enrolment** and **ES Graduate Dossier**, please contact Kristal Ramsay ([kris521@yorku.ca](mailto:kris521@yorku.ca)).

For **academic** advice, work experience, or concerns with progress in the program, please contact MES Planning Program Coordinator ([eucplan@yorku.ca](mailto:eucplan@yorku.ca)).

York University is a fragrance-free environment.  
Please refrain from wearing scented products on campus.

# MES Planning Program

This document should be read in conjunction with the MES Program Handbook.

Suggestions for information to be included in this Handbook? Let us know ([ucplan@yorku.ca](mailto:ucplan@yorku.ca)).

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## Welcome

On behalf of our program faculty and staff, we welcome you to the **Master in Environmental Studies (MES) Planning Program**. We hope that your experience in **the Faculty of Environmental and Urban Change** and at York University will be most enriching, rewarding, and transformative.

**The MES Planning Program** is part of the self-directed and interdisciplinary **MES Program**. **The MES Planning Program** has a history of attention to social and environmental justice as an underlying theme for planning education. Graduate planning education aims to develop students' capabilities to think critically across and within a range of fields in planning and to develop skills necessary to mobilize their knowledge to effect positive lasting change in the world. Our students come to the program from a wide variety of backgrounds, including the social sciences, natural sciences, health sciences, humanities, and professions. They represent a diversity of cultures from across the globe, reflecting the diversity of Toronto itself. The breadth and depth of planning education at York University provides an enriching, diverse learning environment and prepares students for the complexity and magnitude of current problems planning practitioners face. Our graduates have become planning leaders in Canada and abroad.

This **MES Planning Handbook** is intended to assist students in defining their MES Planning program and finding their path through each of the MES Program's stages and transitions. It introduces the requirements and opportunities of the **MES Planning Program** and must be read alongside the **MES Program Handbook**.

This **MES Planning Program Handbook** provides answers to frequent academic, professional and administrative queries and should be a reference throughout your program. Should you require additional information, please do not hesitate to contact us.

Sincerely,

Dr. Liette Gilbert  
ES Graduate Program Director  
esgpd@yorku.ca

Dr. Laura Taylor  
MES Planning Program Coordinator  
eucplan@yorku.ca

## MES Planning Program: A Brief History

York University's **MES Planning Program** is unique among Canadian planning programs as it is embedded within environmental studies. This interdisciplinary program addresses the complex social and environmental problems related to planning in an era of profound transformation in climate, urbanization and nature. The "environment" is the focus of study and "environmental" describes the approach to study that takes into consideration the contexts and interrelatedness of humans and non-humans in social and natural worlds. Planning education through environmental studies is what truly distinguishes the MES Planning Program from all others.

### MES Planning Program Philosophy

The MES Program was founded in 1968 by Gerald Carrothers, the first Dean of the Faculty of Environmental Studies and one of the very few Canadians with a PhD in urban planning back in the 1960s. Dean Carrothers was the first editor of *Plan Canada* and a leading figure in the development of planning scholarship, education, and the establishment of professional planning institutions in Canada. Dean Carrothers' philosophy of interdisciplinarity and individualized learning was seen as a radical departure from the more standardized teaching that was (and has been since) practiced in other higher education settings.

Right from the start, MES Planning approached the study of complex urban and regional planning problems through environmental studies. This approach integrates knowledge and methods from across disciplines from the natural and social sciences to the humanities based on the belief that the insular thinking of conventional disciplines cannot respond to complex environmental and societal problems. Mastering this "critical interdisciplinary" approach gives students a pivotal competency: the ability to develop and apply knowledge from different traditions and perspectives. The innovative model of critical interdisciplinary teaching and research has meant a constant articulation and bridging across multiple academic domains for both faculty and students, as well as an immersion into practice, where practice includes engagement with communities, diverse publics, professional organizations, activists, and policymakers to intervene and inform change.

The MES Planning Program is less rigid than more conventional programs with set curriculums, given students opportunities to explore the limits of what is possible and to develop advanced approaches to planning knowledge and practice. Students often come to the MES Planning Program to explore emerging ideas and perspectives that are not yet found in other programs or in the profession. The **Plan of Study** model allows us to be responsive to such cutting edge and emergent ideas. For instance, we were at the forefront of students studying food planning, cultural planning, student housing policy, urban-regional governance, and planning for the energy transition. Moreover, given the location of our campuses and faculty expertise, we are currently at the forefront of expanding global suburban and exurban theory and practice.

The MES Planning Program has evolved significantly since its inception in 1968 in response to changing societal needs, environmental issues, and the needs of the planning profession. The flexibility and high level of interdisciplinarity of the MES program have enabled the MES Planning Program to successfully adapt as circumstances change and over time have sustained exceptional educational opportunities for students wishing to enter the planning profession.

Within the overall emphasis on social and environmental justice in the MES Planning Program, there is a critical interpretive approach to teaching and learning, research, and work. By this we mean that we always pay attention to different interpretations arising from social interactions and socio-environmental interactions, and their underlying structures and processes, with particular consideration to dynamics of power and knowledge. This approach is evident in course offerings, faculty research, student work, experiential learning opportunities, community engagement, and involvement in the planning profession. MES Planning students have the opportunity and responsibility to incorporate equity concerns into the substantive content as well as the methodological approaches in their MES program.

Today, the MES Planning Program is renowned as a place for faculty and students to study the interrelationships between nature and society, welcoming novel approaches to address pressing global environmental problems.

### **MES Planning Program Objectives**

The MES Planning Program is dedicated to educating skilled professional planners committed to sustainability, justice, and equity. The objective is to provide planning students with a broad array of learning opportunities through which they will gain competencies, knowledge, and skills to excel in their professional careers. In addition to our strengths in urban and regional planning and environmental planning, our MES Planning Program provides students with opportunities to expand the boundaries of planning through:

- planning for diversity and social justice – multicultural planning, planning with Indigenous communities, gender planning, and planning in international settings;
- planning for emerging environmental problems – climate change, sustainable energy and food security;
- planning with communities – participatory planning, community organizing; and community development.

Planning in the Faculty of Environmental and Urban Change also underscores our understanding of planning as a set of practical interventions comprised of a process of policymaking and implementation and a subject of multidisciplinary investigation.

Our planning faculty include academics and practitioners who conduct research and practice in a broad range of planning fields. Our strength is in guiding and facilitating student-driven research. We have a strong faculty complement supporting research in urban and regional planning, environmental planning, critical urbanism, and political ecology. Other areas of planning that attract students to our program include resource management, social and environmental assessment, arts and culture, and public participation.

### **MES Planning Faculty Members**

All full-time faculty members in the Environmental Studies graduate program are available to support MES Planning students through teaching, research, and mentoring. Students based on their interests should not hesitate to reach out to any faculty member for support with their program.

Based on their teaching and research interests, several faculty members are more directly involved in environmental and urban planning:

Dr. Teresa Abbruzzese  
Dr. Jennifer Foster, RPP  
Dr. Mahtot Gebresselassie  
Dr. Liette Gilbert, RPP (ES Graduate Program Director)  
Dr. Roger Keil  
Dr. Stefan Kipfer, RPP (on sabbatical leave until June 30, 2024)  
Dr. Abidin Kusno, (EUC Undergraduate Program Director)  
Dr. Ute Lehrer, (on sabbatical leave until June 30, 2024)  
Dr. Peter Mulvihill, RPP  
Dr. Luisa Sotomayor, RPP (Director, CITY Institute at York)  
Dr. Laura E. Taylor, RPP (MES Planning Program Coordinator)

Part-time faculty members and adjunct professors are an important part of teaching, research, and mentoring.

Please refer to the [EUC faculty and staff list](#) for contact information.

## Becoming A Registered Professional Planner

The **MES Planning Program** is a specialization of the **MES Program**. The MES Planning Program is formally accredited by the planning profession in Canada. Planning degree requirements are set out in the **MES Planning Checklist**. Upon completion of degree requirements and in addition to their York University Master in Environmental Studies degree, each planning student receives a certificate confirming their completion of the accredited program.

An accredited degree is a first step in becoming a Registered Professional Planner with a Provincial or Territorial Institute or Association (PTIA) such as [Ontario Professional Planners Institute](#) (OPPI). See the [Professional Standards Board for the Planning Profession in Canada](#) (PSB) for more information about becoming a Registered Professional Planner. An accredited degree is not a requirement to become a professional planner but reduces the required period of employment in planning to two years instead of five years.

Students in the MES planning program intend to seek careers as Registered Professional Planners (RPPs) in Canada, usually through OPPI, but also in other provinces, territories, and in other countries around the world. For information about reciprocal standing with professional planning organizations other than OPPI, please refer to PSB and the professional organizations' website.

## Planning Competencies

The planning profession in Canada has identified core competencies required of Registered Professional Planners. The [OPPI's competency tree](#) illustrates these "functional" and "enabling" competencies or knowledge and skills required for the practice by professional planners. During their program of study, students are required to gain a solid understanding of planning and develop the competencies (to varying degrees).



Students are introduced to planning competencies in their first term and take an active role in seeking to address a majority of competencies through their program. Students organize their Plans of Study to be consistent with planning competencies and course requirements by declaring their intent to obtain OPPI recognition, creating a specialized “planning” component of their Plan of Study Area of Concentration, incorporating specific courses, integrating experiential learning, and making the most of co-curricular activities and alumni networking.

Planning students are eligible for and encouraged to obtain Student Membership with the Ontario Professional Planners Institute (OPPI) and the Canadian Institute of Planners (CIP).

A detailed list of Planning Competencies and their objectives is presented in **Appendix 1**.

## **MES and MES Planning Program Requirements**

The MES Planning Program structure offers students the independence and flexibility to study cutting edge planning issues by tailoring their curriculum to suit their learning objectives and gain the competencies needed to succeed in the profession. Throughout their studies, students are encouraged to develop core planning knowledge and skills by critically analyzing problems, generating alternatives, and implementing changes.

MES Planning students move through their programs in the same basic manner as all MES students. Please refer to the **MES Program Handbook** for information and guidance.

### **The MES Program**

The MES Program is a 6-term, 2-year, full-time program (with yearly admission in Fall term only). The MES degree requires a minimum of 36 credits of coursework and the completion of a Major Research component. Two courses in the MES program are mandatory: ENV5 5100 Interdisciplinary Research in Environmental Studies in term 1 and a method/research design course (students choose one among several offerings) normally in the second term of the program. Students normally take 3 to 4 courses (i.e., 9 to 12 credits) per term in the first four terms of the program to complete their coursework requirements and enabling them to focus on their research (for no credit) in the remaining two terms of the program. However, MES Planning students typically exceed the minimal 36 credit requirement of the MES program in order to meet their Plan of Study learning objectives and the Planning Checklist requirements.

The **Plan of Study** forms the basis of the MES Program and MES Planning Program. Please refer to the **MES Program Handbook** for detailed information and guidance.

### **MES Options**

The MES Program offers two graduate diplomas: **Business and Environment Diploma** (jointly with Schulich Business School) and **Environmental Sustainability Education** (jointly with the Faculty of Education). Details are available in the MES Program Handbook. The **MES/JD Joint Program** (4 years) might also be considered once accepted in the JD program of Osgoode Law School. Please see the MES/JD Joint Program Handbook for more details. The successful completion of diploma requirements in addition to MES Planning Program requirements typically requires more than 6 terms.

MES Planning students may consider pursuing a graduate diploma but they must first discuss their options with their Faculty Advisor and then declare their interest for such diplomas in the **ES Graduate Dossier** (under Declaration of Interest for Planning/ Diploma Options).

### **MES Grading System**

The **official grading system of the MES Program is Pass (P) or Unsatisfactory (U)** accompanied by a written evaluation by course instructors. This grading system is intended to encourage exploration, creativity, collaboration, and breadth of study. The qualitative feedback from instructors is intended to support each student's personal learning experience. Students may request an unofficial letter grade from course instructors and an unofficial overall grade assessment if needed to apply for funding linked to academic excellence and/or for some additional graduate degree programs.

For more on Pass or Unsatisfactory grades/evaluations, unofficial overall letter grade assessment process, incomplete coursework, and grade reappraisal process, please refer to **MES Program Handbook**.

## **MES Planning Checklist**

The MES Planning Checklist includes administrative requirements pertaining to the Plan of Study and course-based requirements. Each year, the MES Planning Program Coordinator reviews and updates the MES Planning Checklist in consultation with the MES Program Committee, updating if needed to respond to overall MES course offerings as well as evolving student interests and planning issues.

Students fulfill the requirements of the MES Planning Checklist in force for the academic year when they enter the program. Students are asked to complete and submit their Planning Checklist in the ES Graduate Dossier for review at their **MES II-III exam** to ensure they are meeting all requirements. Requirements must be met by the Final Exam in order for their degree to be recognized as a professionally accredited degree in planning. The MES Planning Checklist is available in the **ES Graduate Dossier**.

The list of courses for MES Planning students includes all courses annually offered to all MES students. Within the full range of MES courses, specific compulsory and core courses are designated as part of the planning curriculum. These courses are included in the MES Planning Checklist and most are offered every year. Some elective courses are offered in alternate years, so that students have access to a wider range of course-based topics during their two-year degree. Students also may enroll in courses offered in other graduate programs at York.

The MES Planning Checklist is organized by administrative requirements, course-based requirements, planning specialization, and additional elective course requirement. In the following, each section is described in detail.

**Administrative requirements** that distinguish students enrolled in the MES Planning Program are:

1. "Planning" in the title of the Plan of Study Area of Concentration
2. Specialized "Planning" component in the Plan of Study
3. Specific Learning Objective in the Plan of Study: "To obtain the knowledge and skills necessary to meet the program requirements of the Canadian Institute of Planning and Ontario Professional Institute for Candidate Membership".

**Course-based requirements** are organized into mandatory courses and ranges of courses from which students must complete a selection.

All MES Planning students must complete the following mandatory courses:

ENVS 5100: Interdisciplinary Research in Environmental Studies (3 credits)

This mandatory course for all MES students is taken in their first term of study in support for development of their initial Plan of Study.

ENVS 5121: Perspectives in Planning (3 credits)

This course offers an introduction to the theoretical and practical dimensions of planning, focusing on themes such as the purpose of planning, planning context and scope, professional planning structures, the planning imagination, and sustainability planning. Students are strongly encouraged to complete the course during their first term.

ENVS 6165: Land Use Planning Law (3 credits)

This course focuses on the legal framework for planning, especially in Ontario. The course equips students with knowledge and skills relating to overall legal frameworks at national, provincial, and municipal levels, using case studies that illustrate the legal contexts for land use planning. It is recommended that students complete this course during their second term of study.

ENVS 6699: Experiential Learning (minimum 3 credits)

All MES Planning students must engage in **work experience** related to planning. Students self-identify this work experience in consultation with the MES Planning Program Coordinator, based on their own interests and opportunities.

Support is provided by the [EUC Career Centre](#) and Experiential Education Coordinator, Rosanna Chowdhury ([rosannan@yorku.ca](mailto:rosannan@yorku.ca)). Work experience may be paid or voluntary and may be weighted anywhere from 3 credits (part-time, at least 10 hours per week) to 12 credits (full-time, for about 40 hours per week). Work experience may be undertaken during any term in the MES program, except for term 1. Students usually complete this requirement in the Summer term. For more details on this Experiential Learning course and report requirements, please see the MES Program Handbook and its Appendix 7: ENVS 6699 Experiential Learning Report Guidelines.

Additionally, students must complete the following requirement selected from ranges of courses:

All students must complete one course within the topic of **planning and politics**. This requirement is designed to ensure students develop a sound understanding of the governance, institutions, and bureaucratic contexts relating to planning, as well as the motivations, interests, histories, activism, and partisan politics relating to planning. Approved courses typically include the following courses, however, students may receive pre-approval from the MES Planning Coordinator for an alternate course that is a better fit for their particular learning objectives as set out in their Plan of Study:

ENVS 5023 Global Cities (3 credits)

ENVS 5070 Extraction and Its Discontents (3 credits)  
ENVS 5073 Social Movements, Activism and Social Change (3 credits)  
ENVS 5161 Local Government Organization and Operation (3 credits)  
ENVS 6130 Planning Theory (3 credits)  
ENVS 6173 Planning and Politics (3 credits)  
ENVS 6175 Global Environmental Politics (3 credits)

Planning students must complete at least one **planning workshop course** during their program (except during their very first term). Planning workshops offer opportunities for students to develop their planning knowledge and skills beyond the classroom, connecting with diverse partners, practitioners, and communities to focus on the applied dimensions of issues, settings, practices, and policies in contemporary planning. Planning workshops are coordinated by instructors in professional practice or faculty members. Two workshops are generally offered every year. An announcement will be circulated to provide the theme of specific workshops. Note that workshops are usually by application to the course director and capped to 15 students. Priority will be given to students needing this course in their research phase. Where conditions and contexts permit, workshops may be conducted as field courses. Planning workshop courses typically include:

ENVS 6325 Critical Urban Planning Workshop (3 credits)  
ENVS 6330 Environmental Planning Workshop (3 credits)  
ENVS 6331 Planning in Toronto Workshop (3 credits)

All MES students, including MES Planning students, are required to complete at least one course that explores **research design/methodologies** relating to their learning objectives in their Plan of Study and proposed Major Research. These courses focus on the methods used to collect information, including the justification for using different methods and the techniques for analyzing and evaluating information. The range of possibilities includes but is not limited to:

ENVS 6152 Indigenous Research, Ethics and Methods (3 credits)  
ENVS 6178 Environmental Policy Research Methods (3 credits)  
ENVS 6182 Environmental Analytics (3 credits)  
ENVS 6183 Qualitative Research Methods (3 credits)  
ENVS 6184 Participatory Research Methods (3 credits)

This research methodology requirement may be fulfilled by courses offered in other graduate programs, or through courses offering instruction in particular research designs or methodological approaches relevant to students' research (with approval of their Faculty Program Advisor and the MES Planning Program Coordinator).

**Planning Specializations** define the fundamental focus of each student's program, corresponding with the Area of Concentration in their Plan of Study. The specialization indicates the problems and issues, theories, and practices to be studied. Through specializations, each student articulates and demonstrates the depth of their research in their area of specialization. This specialization is usually composed of a core course and an elective course chosen amongst many course options.

The MES Planning Checklist lists four specializations:

- urban and regional planning

- environmental planning
- community/social policy and planning
- food planning
- other

If the fundamental focus of a student's innovative or transformative Area of Concentration of their Plan of Study is not represented by this list, the student is encouraged to define another unique area of specialization, subject to pre-approval by the MES Planning Program Coordinator. Students might even choose to further specialize within the above specializations, e.g., climate change planning, energy planning, transportation planning, etc.

In fulfilling their planning specialization, a student may take courses from the entire MES curriculum, including courses beyond the MES Planning Program curriculum, but must be able to demonstrate the suitability of particular courses in terms of their planning specialization and the substantive knowledge they will acquire.

Planning students are required to take two **additional elective courses**, which can be:

- an additional planning course over and above other requirements; or
- a course in the ES program or in any other graduate program at York.

The rationale for the elective course is to make sure that students explore broader perspectives related to their Area of Concentration and do not limit themselves to a minimum number of courses. The requirement is in keeping with philosophy of interdisciplinarity in the MES Planning Program.

The MES Planning Checklist is presented in **Appendix 2**.

For more information or pre-approval on the MES Planning Program Checklist, please contact Professor Laura Taylor, MES Planning Program Coordinator, ([euclan@yorku.ca](mailto:euclan@yorku.ca)).

## Term Registration and Course Enrolment

### Continuous Registration

The MES Planning Program is a full-time, 6-term, 2-year degree. Graduate students must maintain continuous registration (i.e., accepting fees each term) and be enrolled in courses during Fall, Winter, and Summer terms until completion of their program. A student needed time off for medical reason must petition for a leave of absence. Students who require more than 6 terms automatically become part-time (half fees, no funding), as detailed in the **MES Program Handbook**.

### Course Enrolment

Course enrolment must be completed in REM and in the ES Graduate Dossier. Students must discuss their course enrolment with their respective Faculty Advisor. The MES degree requires a minimum of 36 credits of coursework and a Major Research requirement. Students are expected to be enrolled in 9 to 12 credits in the first four terms of the program and in ENVS 7899 MES Major Research for no credit the two last terms of their programs. Please refer to **MES Program Handbook** for details.

## Scholarships and Awards

The Faculty of Environmental and Urban Change and the Faculty of Graduate Studies offer multiple scholarships and awards, some specifically dedicated to MES Planning students (see below).

### MES York Planning Alumni Committee (MYPAC) Award

This award was established by MYPAC to support a full-time student in the MES Planning Program at the MES III level with a student membership in the Ontario Professional Planners Institute.

### The John Page Planning Scholarship

This scholarship honours the memory of Professor John Page who taught in the Faculty of Environmental Studies from 1971 to 1988. Applicants must be full-time students in good standing in the MES Planning program at MES II-III level and working towards becoming a member of the Ontario Professional Planners Institute.

### Stantec Bursary in Planning

This bursary is granted to full-time continuing graduate students completing the MES Planning Program who demonstrate financial need.

Students in their first year of the program are also strongly encouraged to apply for external/Tri-Council Scholarships. For details about York, EUC, external scholarships, and research scholarships, please see the MES Program Handbook, the [EUC Student Awards webpage](#) and [FGS Scholarships and Awards webpage](#).

## MES Planning Student and Alumni Groups

A number of groups at the Faculty of Environmental and Urban Change are oriented toward collegial, administrative and professional support for students. Some of these organizations, such as **PLANit** and **MYPAC**, are specifically attuned to students in the MES Planning Program, and others, such as **Graduate Environmental Studies Students Association (GESSA)**, are inclusive of all graduate students in the MES Program.

### **PLANit**

PLANit is the organization for students currently enrolled in the MES Planning Program. This is a student-run organization that supports connections for students. In addition to social media postings, field trips and social events, past activities have included: workshops with professional planning practitioners, organized tours, and events for World Town Planning Day. PLANit has official student club status with an appointed Coordinator and office space in HNES.

### **MYPAC**

MES Planning at York Alumni Committee (MYPAC) is an organization dedicated to MES Planning Program alumni. Organized for and by alumni, MYPAC offers support to current students. MYPAC was formed in 2004 and has become one of the most active alumni groups at York. MYPAC was the 2022 recipient of the York University Alumni Association's Alumni Network of the Year Award. The MYPAC

Executive Committee meets monthly and includes alumni, PLANit reps, the MES Planning Coordinator, and the EUC Alumni Officer.

MYPAC organizes and offers:

- MYPAC Social: an annual social event, typically in September, where alumni convene with faculty members and current students;
- Annual student award, currently \$1,000;
- Planning Case Competition, held annually at York;
- Skills development workshops held throughout the year for students to connect with alumni, develop professional connections and cultivate their networks;
- Annual PLAN Connector mentorship program;
- Fundraising for student initiatives and events.

### **Ontario Professional Planners Institute (OPPI) and Canadian Planners Institute (CIP)**

All MES Planning students should join and be actively involved in OPPI and CIP. Students delegates volunteer to represent York's MES Planning Program on the OPPI Student Liaison Committee and CIP.

### **Other Organizations**

Many other not-for-profit and professional organizations related to planning offer student information, memberships, volunteer and networking opportunities, such as the Urban Land Institute (ULI), Planners Network, Associated Collegiate Schools of Planning (ACSP), Canadian Urban Institute (CUI), and Canadian Association of Geographers (CAG), and Planetizen, among many others.

Professional planners pursue certification through Project Management Institute (PMP), Canadian Green Building Council (LEED), and International Association for Public Participation (IAP2), among others.

## **Faculty Governance**

Through student representation on governance committees of the Faculty of Environmental and Urban Change, GESSA ensures MES students have a strong voice in decision-making processes. GESSA nominates representatives on Faculty and University committees each September. All MES students are members of the ES Graduate Council. The MES Program Committee and the **MES Planning Program Committee** each has one MES student representative. Student representation is also needed for Faculty-wide Committees (see the **MES Program Handbook**).

## **Research**

The Faculty of Environmental and Urban Change proudly claims a leading position in Environmental Studies scholarship. Students benefit from faculty members' innovative and creative research projects, just as the involvement of graduate and undergraduate students is a vital, enriching part of faculty research.

MES Planning students are invited to review the **Faculty of Environmental and Urban Change's Research** website for researchers' profiles and research news, projects, updates and resources. Students are also encouraged to become active in the works of the many York Research Centres. MES Planning students have been particularly involved with **The City Institute at York University**.

Additional information on research/publication opportunities are available in the **MES Program Handbook**.

## Student Resources

MES Planning students have access to a network of academic and other resources in the Faculty of Environmental and Urban Change and in the Faculty of Graduate Studies.

MES students have two student lounges available for their use: a student lounge is located on the main floor of HNES outside of OSAS (HNE 137), and the MES Student Lounge (HNE 204); a door entry code is required and available by contacting one of the GESSA representatives or the Administrative Assistant to the Dean & Facilities Coordinator.

**MES Planning Listserv** is a specific listserv for MES Planning students and faculty only. Students are automatically subscribed to this listserv when registered at the beginning of their program. Through the listserv, the MES Planning Coordinator, faculty, and students share detailed information on events and professional development workshops taking place on York campus as well as within the Greater Toronto Area. Job and internship opportunities within various planning and policy fields are shared regularly with planning students through the listserv. MES planning students also receive information and reminders on internal and external funding opportunities offered through awards, bursaries and scholarships. Any announcements from MES Planning students' or alumni associations (such as PLANit or MYPAC) are made through the MES Planning listserv.

**The Office of Student and Academic Services (OSAS)** (HNE 137) provides information and resources related to registration, enrolment, funding, and scholarships. OSAS is open for student inquiries in person Monday to Friday from 8:30 a.m. to 4:30 p.m. For more information, please contact:

**Deena Kara Shaffer**, Director (shafferd@yorku.ca, 416 736 2100 x66453)

**Ouma Jaipaul-Gill**, Graduate Program Coordinator and Advisor (oumajai@yorku.ca, 416 736 2100 x33254)

**Kristal Ramsay**, Graduate Program Assistant (kris521@yorku.ca, 416 736 2100 x22602)

### EUC Computing Services

EUC Computing Services operates three computer labs on the second floor of the HNES Building available for use by MES students. **York University Information Technology (UIT)** (euccomp@yorku.ca) offers services to students to set up Passport York, email and printing accounts, internet access throughout the York campus, software (Microsoft Office 365, GIS) among others.

### EUC Career Services

EUC Career Services facilitates employment, field experience and volunteer opportunities for MES students by cultivating partnerships with employers and alumni members. EUC Career Services offers job listings, sample environmental career profile, job search tips and links, a resource library for you to research prospective employers, various workshops as well as individual career guidance. For information and support, please contact Rosanna Chowdhury, Experiential Education Coordinator (rosannan@yorku.ca).



### **Graduate Writing Centre**

The mandate of the **EUC Graduate Writing Centre** (HNE 286) is to help graduate students develop and improve their writing skills as well as a writing process that works for them. The Centre offers support, advice, strategies, and troubleshooting on specific writing projects for courses and Major Research. The Centre can also provide students with a variety of text, internet, and in-person resources. Open workshops are offered during the fall term; 30-minute individual and small group sessions are available throughout most of the year and must be booked in advance by emailing Ray Bennett (rbennett@yorku.ca).

**York University Libraries** provide access to a wide range of materials to support coursework and research in planning and related fields. The Libraries also provide research guides, workshops, referencing and citing references and management tools indispensable for students.

Dana Craig (dcraig@yorku.ca) is the EUC Librarian and is available to help students one-on-one with research for courses and Major Research proposal development. She has curated an MES Planning research guide with helpful links and suggestions.

Please see the MES Program Handbook for more details on Faculty wide and campus wide resources.

## Appendix 1: Planning Competencies

Planning students are eligible for Student Membership with the Canadian Institute of Planners (CIP) and the Ontario Professional Planners Institute (OPPI). Professional accreditation is granted to the student on the basis of fulfilling as many competencies as possible. These competencies are organized into functional (knowledge) and enabling (skills) competencies.

MES Planning students are introduced to planning competencies in their first term and take an active role in seeking to address competencies through their program. Completion of required and elective courses according to the MES/Planning Checklist confirms graduating students have prepared themselves to meet a majority of the functional and enabling competencies – and to continue to develop these competencies through their professional career.

The table below lists competencies and objectives as well as courses used to meet such competencies. The last column provides the major themes, examples or debates covered by different courses.

### Functional Competencies

<i>Competencies</i>	<i>Courses</i>	<i>Major themes or examples of course content</i>
<b>Human Settlement</b>		
<p><b>Human Settlement and Community, Regional and Provincial Settings</b></p> <p>Understand knowledge of human settlement, its evolution and history, influence of natural setting and site context, geography, economy, environment and sustainability issues, changing forms and political and social structure.</p> <p>Able to identify lessons learned from past experiences.</p> <p>Able to link lessons learned in human settlement to current and future planning challenges and opportunities.</p>	<p>ENVS 5021 Urban Development Processes</p> <p>ENVS 5023 Global Cities</p> <p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 6124 Urban-Regional Planning</p> <p>ENVS 6131 Environmental Planning</p> <p>ENVS 6132 Urban Environmental Planning</p> <p>ENVS 6325 Critical Planning Workshop</p> <p>ENVS 6330 Environmental Planning Workshop</p> <p>ENVS 6331 Planning in Toronto Workshop</p>	<p>processes of urban growth, decline, development and redevelopment; human scale urban processes (5021);</p> <p>globalized urbanization and the formation of global and local cultures, identities, architectural forms, lifestyles, and imaginaries (5023);</p> <p>urban-regional planning in large metropolitan regions and the networks that connect them (6124);</p> <p>specific interests, conflicts and power dynamics shaping urban development (5021, 5023, 5121);</p> <p>environmental planning issues internationally, comparatively; greater Toronto region as case studies of social environmental (in)justice challenges (6131);</p> <p>design of human habitats and the role of urban design in creating healthy and equitable urban environments (6132).</p> <p>all planning workshops contextualize human settlements and planning challenges and opportunities (6325, 6330, 6331)</p>
<b>Influences on Communities</b>	ENVS 5021 Urban Development Processes	processes of urbanization and urban change; historic preservation (5021);

Competencies	Courses	Major themes or examples of course content
<p>Understand local government and relation to provincial government, finance and land use, and the broad principles that guide the physical design of communities and the design and operation of infrastructure and services.</p> <p>Understand the role that transportation infrastructure plays in determining community structure.</p> <p>Understand the roles of economic development and social service provisions, including housing.</p> <p>Understand the elements of sustainable community building and ability to assess progress of initiatives.</p> <p>Able to relate the influences to planning activities.</p>	<p>ENVS 5023 Global Cities</p> <p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6124 Urban-Regional Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6127 Community Organizing and Development</p> <p>ENVS 6128 Transportation Policy and Planning</p> <p>ENVS 6131 Environmental Planning</p> <p>ENVS 6165 Land Use Planning Law</p> <p>ENVS 6173 Politics and Planning</p> <p>ENVS 6330 Environmental Planning Workshop</p> <p>ENVS 6331 Planning in Toronto Workshop</p> <p>ENVS 6401 Disasters: Concepts and Causes</p>	<p>comparative urbanism (5023);</p> <p>planning and sustainability (5121);</p> <p>urban activism and participatory planning (6120);</p> <p>history of planning practice; comparative urban-regional planning history; processes of urbanization in Canada and globally (6124);</p> <p>production of space through relationships between the spatial form and the social content of planning (6124);</p> <p>community planning and housing development (6126);</p> <p>community organizing and development (6127);</p> <p>transportation systems; new mobility options; externalities of transportation (6128)</p> <p>urban/environmental histories and environmental design determinants (6131, 6330);</p> <p>zoning regulation and institutional power/policies (6165);</p> <p>planning and politics; social relations; state and market relations (6173);</p> <p>marginalization and planning (6331);</p> <p>cultural, ecological, and political-economic forces at work during disasters in contemporary society (6401)</p>
<b>History and Principles of Community Planning</b>		
<p><b>History of Planning in Canada and Other Countries</b></p> <p>Understand the history of small and large-scale community planning.</p> <p>Understand the historical evolution of community planning as a function of government, as a professional activity, and as a reform movement.</p> <p>Understand how to use lessons learned to support future decision-making.</p>	<p>ENVS 5021 Urban Development Processes</p> <p>ENVS 5023 Global Cities</p> <p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6121 Community, Energy and Planning</p> <p>ENVS 6124 Urban-Regional Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6127 Community Organizing and Development</p> <p>ENVS 6173 Politics and Planning</p>	<p>processes of urbanization and urban change; historic preservation (5021);</p> <p>world history and state formation, historical context of urbanization (5023);</p> <p>classic and alternative histories of planning movements in Canada and internationally, along with their critiques (5121);</p> <p>history and theory, contemporary approaches, and strengths and weaknesses of various methods of public involvement in planning (5121, 6120);</p>

Competencies	Courses	Major themes or examples of course content
	ENVS 6325 Critical Planning Workshop ENVS 6330 Environmental Planning Workshop ENVS 6331 Planning in Toronto Workshop	global patterns of energy use, including inter- and intra- country differences (6121);  history of community organizing and development; community development approaches and methods (6126, 6127);  urban politics as constellation of actors and institutions (6124, 6173);  world-historical moments in planning practice (6124);  all planning workshops through evaluation of complex problems, contexts, and approaches (6325, 6330, 6331)
<p><b>Planning Theories, Principles and Practices</b></p> <p>Understand theories, ideals and principles which have guided small and large scale community planning and its physical expression.</p> <p>Understand approaches to and methods of policy analysis and the role and methods of public consultation and involvement in decision-making.</p> <p>Understand the concepts of community-based development.</p> <p>Understand the strengths, limitations, and uncertainties associated with the political, social, environmental, cultural and economic nature of public interest and the roles of professional judgment, expertise and advice within these frameworks</p>	ENVS 5021 Urban Development Processes ENVS 5023 Global Cities ENVS 5121 Perspectives in Planning ENVS 6120 Public Involvement in Planning ENVS 6124 Urban-Regional Planning ENVS 6126 Community Planning and Housing ENVS 6127 Community Organizing and Development ENVS 6131 Environmental Planning ENVS 6173 Politics and Planning ENVS 6132 Urban Environmental Design ENVS 6325 Critical Planning Workshop ENVS 6330 Environmental Planning Workshop ENVS 6331 Planning in Toronto Workshop	changing processes of the city; cycles of growth and decline (5021);  comparative global urbanism (5023);  frameworks and discourses within planning and their ability to solve urban or regional planning problems;  possibilities and challenges of contemporary planning (5121);  situating public participation in developing strategies for planning and decision-making (6120);  community development approaches and methods (6124, 6126, 6127);  urban politics, actors, and institutions (5121, 6173);  dilemmas in modern planning through analyses of historical cases (6124), cycles of growth and decline (5021);  all planning workshops through evaluation of complex problems, contexts and approaches (6325, 6330, 6331)
<b>Government, Law and Policy</b>		
<p><b>Governments and Legislation</b></p> <p>Understand the political, legal and institutional contexts of the realm of planning practice.</p> <p>Understand how legislation and laws influence and require planning.</p>	ENVS 5021 Urban Development Processes ENVS 5023 Global Cities ENVS 5061 Environmental Law and Justice NVS 5121 Perspectives in Planning ENVS 6120 Public Involvement in Planning ENVS 6124 Urban-Regional Planning	social and legal construction of property rights (5021);  globalization (5023);  environmental protection, equal access (5061);  planning governance and professional structures (5121);

Competencies	Courses	Major themes or examples of course content
<p>Understand the agency and employment relationship of planning to legislation.</p>	<p>ENVS 6126 Community Planning and Housing  ENVS 6127 Community Organizing and Development  ENVS 6131 Environmental Planning  ENVS 6132 Urban Environmental Design  ENVS 6165 Land Use Planning Law  ENVS 6173 Politics and Planning  ENVS 6325 Critical Urban Planning Workshop  ENVS 6330 Environmental Planning Workshop  ENVS 6331 Planning in Toronto Workshop</p>	<p>participatory planning and urban activism (6120);  ideological influences on planning frameworks (6124);  community organizing and development (6126, 6127);  legal frameworks of land use planning in Ontario; policies shaping urban development in Toronto; provincial and municipal powers; statutory tools; planning legislation (6165);  planning and urban politics as constellation of actors and institutions (6173, 6131, 6132);  legal framework of impact assessments (6186);  federal and provincial housing policy (6325);  municipal planning processes (5121, 6330, 6331).</p>
<p><b>Policies and Application</b></p> <p>Understand and able to evaluate critically policy formulation, evaluation, and tools and strategies for implementation.</p> <p>Understand policy application in specific planning contexts (resource management, health, environment, development, etc.) and how the legal/legislative context affects planning.</p> <p>Understand how planners support legislation, develop recommendations and advise on policies.</p> <p>Understand methods for implementing public policy and planning within the framework of Canadian law and the process of government (Includes planning law, community development processes and plans, zoning and other implementation techniques, urban design, governments systems, political and organizational behaviour, public finance principles, evaluation methods, impact assessment, and litigation).</p>	<p>ENVS 5061 Environmental Law and Justice  ENVS 5070 Extraction and Its Discontents  ENVS 5121 Perspectives in Planning  ENVS 5122 Skills in Planning Research and Practice  ENVS 5178 Environmental Policy  ENVS 6152 Indigenous Research, Ethics and Methods  ENVS 6165 Land Use Planning Law  ENVS 6178 Environmental Policy and Research Methods  ENVS 6186 Environmental Assessment</p>	<p>environmental law, equal access to environmental health (5061);  global imperialism and colonialism; global regulation; state (5070);  policy and planning provisions; regional and local planning policies (5121, 5122);  duty to consult indigenous communities (6152);  design, implementation and evaluation of public policies; legal, institutional and societal mechanisms for policy evaluations (6178);  environmental assessment policy, laws, and regulations (5178, 6186);  land use planning law in Ontario; policies shaping urban development in Toronto; provincial and municipal powers; statutory tools; planning legislation; Ontario Municipal Board (6165).</p>
<p><b>Plan and Policy Consideration</b></p>		

<i>Competencies</i>	<i>Courses</i>	<i>Major themes or examples of course content</i>
<p><b>Environmental and Sustainable Development Issues</b></p> <p>Understand environmental management, biophysical environments and systems, ecological limits and processes, and science and sustainability.</p> <p>Understand the relationship between ecological, social and economic factors in planning, including the concept of sustainable development.</p> <p>Able to assess issues and the effects on development actions and able to debate and link the relationships by using planning as a positive influence.</p>	<p>ENVS 5021 Urban Development Processes</p> <p>ENVS 5061 Environmental Law and Justice</p> <p>ENVS 5112 Ecology in Environmental Studies</p> <p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 5178 Environmental Policy</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6121 Community, Energy and Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6127 Community Organizing and Development</p> <p>ENVS 6128 Transportation Policy and Planning</p> <p>ENVS 6131 Environmental Planning</p> <p>ENVS 6132 Urban Environmental Design</p> <p>ENVS 6152 Indigenous Research, Ethics and Methods</p> <p>ENVS 6179 Climate Change: Science and Policy</p> <p>ENVS 6325 Critical Urban Planning Workshop</p> <p>ENVS 6330 Environmental Planning Workshop</p> <p>ENVS 6331 Planning in Toronto Workshop</p>	<p>this competency is a major theme of all MES Planning program courses, and sustainability infuses the entire faculty.</p> <p>political economy of urbanization (5021);</p> <p>planning and sustainability – sustainable urban forms, community infrastructure deficit (5030, 5121, 6128);</p> <p>participatory processes in planning; political activism (6120, 6133);</p> <p>alternative energy systems and community energy (6121);</p> <p>community organizing and development (6120, 6127);</p> <p>planning and the right to the city (6126, 6130, 6133);</p> <p>environmental sustainability (5112, 6131);</p> <p>transportation systems (6128);</p> <p>urban and nature dichotomy; ecological and equitable design (6132);</p> <p>indigenous communities’ experiences, needs and priorities (6152, 5061);</p> <p>evolution within environment, economic development and sustainability debates that have informed Canadian environmental policy (5178)</p> <p>climate change mitigation and adaptation (5121, 6121, 6131, 6179);</p> <p>movement corridors, protected areas &amp; habitat fragmentation in the process of urbanization (5112)</p> <p>legal and regulatory regime that governs the environment in Canada, secure equal access to environmental health (5061)</p> <p>all planning workshops through focus on sustainability and social/environmental justice (6325, 6330, 6331).</p>
<p><b>Diversity and Inclusiveness</b></p> <p>Understand demographics of society and diversity and inclusiveness</p>	<p>ENVS 5021 Urban Development Processes</p> <p>ENVS 5023 Global Cities</p>	<p>this competency is a major theme of all MES Planning program courses, and social justice infuses the entire faculty.</p> <p>socio-economic and political processes of urban change, e.g., gentrification</p>

Competencies	Courses	Major themes or examples of course content
<p>considerations including, but not limited to Indigenous people.</p> <p>Understand practices to effectively comply with legal aspects and benefit from approaches to building on diversity and difference.</p> <p>Able to develop plans that build on diversity and inclusiveness considerations.</p>	<p>ENVS 5106 Critical Perspectives in Race, Gender, Sexuality and the Environment</p> <p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 5122 Skills in Planning Research and Practice</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6124 Urban-Regional Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6127 Community Organizing and Development</p> <p>ENVS 6128 Transportation Policy and Planning</p> <p>ENVS 6152 Indigenous Research, Ethics and Methods</p> <p>ENVS 6156 Critical Theories of International Development</p> <p>ENVS 6173 Politics and Planning</p> <p>ENVS 6184 Participatory Research Methods</p> <p>ENVS 6331 Planning in Toronto Workshop</p> <p>ENVS 6132 Urban Environmental Design</p>	<p>and spatial deconcentration (5021, 6124);</p> <p>critical political reactions to global city formation, and various forms of sociopolitical mobilization and contestation emerging in globalizing cities (5023);</p> <p>racism, colonialism, gender and sexuality; intersectionality; feminist, queer, transgender and other subjugated knowledges of racial capitalism, anti-Blackness and settler colonialism (5061);</p> <p>anti-colonial planning, queer planning, anti-oppressive planning, and equity in planning (5121, 6120, 6133); role of diverse publics in planning, within the context of democratic processes (6120);</p> <p>settler urbanism and the Indigenous question (6124);</p> <p>marginalized communities (6126, 6127);</p> <p>transportation disadvantage (6128);</p> <p>advocacy and equity planning, diversity, and ethics (5121);</p> <p>Indigenous worldviews and ways of knowing (6152);</p> <p>participatory development, postcolonialism, decoloniality (6156);</p> <p>pluralism; subaltern movements (6120, 6173);</p> <p>equity and participatory methods for marginalized communities (6184);</p> <p>planning from an anti-oppressive, anti-racism and inclusive lens (6331).</p> <p>plans for diversity, inclusiveness, and difference in Planning (6132)</p> <p>demographic and socioeconomic information of community members, planning impacts on equity-seeking groups (5122)</p>
<p><b>Finance and Economics</b></p> <p>Understand the economics of development (private and public perspectives).</p>	<p>ENVS 5021 Urban Development Processes</p> <p>ENVS 5023 Global Cities</p> <p>ENVS 5115 Ecological Economics</p> <p>ENVS 5121 Perspectives in Planning</p>	<p>neo-classical economics (ground rent and allocation of land-use activities) and political economy of urban growth and decline; land and property; condominium boom (5021);</p> <p>global economic processes (5023);</p>

<i>Competencies</i>	<i>Courses</i>	<i>Major themes or examples of course content</i>
<p>Understand local government finance and its relationship to development.</p> <p>Able to assess financial and economic considerations, and use this information to support the development of planning proposals and reports.</p>	<p>ENVS 5178 Environmental Policy</p> <p>ENVS 6124 Urban-Regional Planning</p> <p>ENVS 6128 Transportation Policy and Planning</p> <p>ENVS 6165 Land Use Planning Law</p> <p>ENVS 6173 Politics and Planning</p> <p>ENVS 6325 Critical Urban Planning Workshop</p> <p>ENVS 6330 Environmental Planning Workshop</p>	<p>capitalism and urbanization (6124, 6173);</p> <p>externalities of transportation (6128);</p> <p>planning economics, tax revenues (6165);</p> <p>housing economics; financing community housing (6325);</p> <p>development financing; transportation economics (6330);</p> <p>land economics and planning; surveying and cartography (5121);</p> <p>ecological economic literacy by examining environment-economy interactions and dependencies (5178, 5115)</p>
<p><b>Functional Integration of Knowledge</b></p> <p>Understand basic elements and interactions between the following functional areas and other areas that have a relationship to planning: transportation; facilities; economics; social; urban design; legal; resources; environment; recreation; housing; infrastructure; land use; development control; etc.</p> <p>Understand how to use networks and other domains of knowledge to support decision making.</p> <p>Able to integrate knowledge and demonstrate technical capacities to apply it to planning situations.</p> <p>Able to understand how technology can support planning analysis and activities, policy development and decision making.</p>	<p>ENVS 5021 Urban Development Processes</p> <p>ENVS 5070 Extraction and Its Discontents</p> <p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 5122 Skills in Planning Research and Practice</p> <p>ENVS 6124 Urban-Regional Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6128 Transportation Policy and Planning</p> <p>ENVS 6131 Environmental Planning</p> <p>ENVS 6132 Urban Environmental Design</p> <p>ENVS 6165 Land Use Planning Law</p> <p>ENVS 6186 Environmental Assessment</p> <p>ENVS 6330 Environmental Planning Workshop</p>	<p>redevelopment processes (5021, 5121, 6126);</p> <p>urban and regional urbanization and infrastructure (6124, 6126, 6128);</p> <p>issues of nature and the environment as they intersect with land-use planning (6131);</p> <p>role of design in creating liveable and sustainable cities (6132);</p> <p>land use, real estate, urban and regional planning law (6165);</p> <p>environmental impact assessment theory and practice (6186);</p> <p>comprehensive analysis, planning and design for a major potential development in Toronto (6330)</p> <p>knowledge of GIS in planning and the ability to conduct spatial analysis at a basic or intermediate level (5122)</p>
<b>Planning and Policy-Making</b>		
<p><b>Planning Approaches and Focus</b></p> <p>Understand the various approaches and instruments used in small and large scale plan making and policy development.</p> <p>Able to determine the challenge or opportunity to be addressed.</p> <p>Able to select an approach to and clarify the focus of the plan.</p>	<p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 5122 Skills in Planning Research and Practice</p> <p>ENVS 6124 Urban-Regional Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6128 Transportation Policy and Planning</p> <p>ENVS 6131 Environmental Planning</p>	<p>professional planning context, scope, structures, and debates; planning imagination (5121);</p> <p>key elements of problem formulation, implementation, and evaluation (5122)</p> <p>solutions to environmental crisis in urban environments (6124, 6126, 6128, 6131, 6132,);</p> <p>all planning workshops through evaluation of complex problems,</p>



Competencies	Courses	Major themes or examples of course content
	ENVS 6132 Urban Environmental Design ENVS 6325 Critical Urban Planning Workshop ENVS 6330 Environmental Planning Workshop ENVS 6331 Planning in Toronto Workshop	contexts, and approaches (6325, 6330, 6331)
<p><b>Developing Visions and Outcomes</b></p> <p>Understand approaches to the development of visions and outcomes.</p> <p>Able to use analysis and processes to assess possible options.</p> <p>Able to develop visions and outcomes.</p> <p>Able to articulate, present, and defend visions, plans and policies.</p>	ENVS 5055 Climate Justice ENVS 5121 Perspectives in Planning ENVS 5122 Skills in Planning Research and Practice ENVS 6120 Public Involvement in Planning ENVS 6121 Community, Energy and Planning ENVS 6126 Community Planning and Housing ENVS 6128 Transportation Policy and Planning ENVS 6131 Environmental Planning ENVS 6132 Urban Environmental Design ENVS 6152 Indigenous Research, Ethics, Methods ENVS 6179 Climate Change: Science and Policy ENVS 6325 Critical Urban Planning Workshop ENVS 6330 Environmental Planning Workshop ENVS 6331 Planning in Toronto Workshop	<p>climate justice; implications for policy and activism; equity related aspects of climate mitigation and adaptation; renewal energy transition (5055);</p> <p>professional planning context, scope, structures, and debates; planning imagination (5121);</p> <p>strategies and techniques for mobilizing planning literacy and skills through public involvement in planning (6120, 6126);</p> <p>community energy; energy democracy; policy and program instruments for community energy (6121);</p> <p>solutions to environmental crisis in urban environments (6128, 6131, 6132, 6179);</p> <p>ecological restoration (6131, 6132);</p> <p>analysis and tools to conduct research "in a good way" in Indigenous contexts (6152);</p> <p>planning agendas and policy documents; key elements of problem formulation, implementation, and evaluation (5122)</p> <p>all planning workshops through evaluation of complex problems, contexts, and approaches (6325, 6330, 6331)</p>
<p><b>Strategic Information Gathering and Analysis</b></p> <p>Understand what information should be gathered.</p> <p>Able to gather information to enable a critical analysis of the situation.</p>	ENVS 5121 Perspectives in Planning ENVS 5122 Skills in Planning Research and Practice ENVS 6132 Urban Environmental Design ENVS 6152 Indigenous Research, Ethics, Methods ENVS 6182 Environmental Analytics: Data, Models and Methods	<p>all MES Planning Program courses place a strong emphasis on the epistemological dimensions of planning information and analysis;</p> <p>Workshop requirement allows student to apply planning and design practice skills in gathering and analysis specific information related to the theme of the workshop (6325, 6330, 6331);</p> <p>planning students are required to take a methods course in order to develop their skills in data gathering, analysis,</p>

<i>Competencies</i>	<i>Courses</i>	<i>Major themes or examples of course content</i>
<p>Able to analyze information gathered to support development of a proposal or plan.</p> <p>Understand how technology can gather input and analyze information.</p> <p>Able to apply technology to support analysis.</p>	<p>ENVS 6183 Qualitative Research Methods</p> <p>ENVS 6184 Participatory Research Methods</p> <p>ENVS 6186 Environmental Assessment</p> <p>ENVS 6325 Critical Urban Planning Workshop</p> <p>ENVS 6330 Environmental Planning Workshop</p> <p>ENVS 6331 Planning in Toronto Workshop</p>	<p>and interpretation; most Planning students complete primary data collection for their Major Research (6152, 6182, 6183, 6184);</p> <p>information and use applicable technology to enable critical analysis to support development of a proposal/plan (5122, 6132);</p> <p>methods of political and policy analysis (6173);</p> <p>site investigation techniques and knowledge on integrating relevant information from a variety of sources relevant to planning projects (5122, 6186)</p>
<p><b>Obtaining Input and Approvals</b></p> <p>Understand practices to effectively engage and gather input from key stakeholders.</p> <p>Able to prepare reports and presentations to support input gathering.</p> <p>Able to present analysis and reports, support discussions and make recommendations leading to approval.</p>	<p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 5122 Skills in Planning Research and Practice</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6127 Community Organizing and Development</p> <p>ENVS 6152 Indigenous Research, Ethics, Methods</p> <p>ENVS 6165 Land Use Planning Law</p> <p>ENVS 6173 Politics and Planning</p> <p>ENVS 6186 Environmental Assessment</p>	<p>conception of “the public” in planning, and how public interest are identified and mobilized (5121);</p> <p>advocacy and equity; planning as radical practice of social mobilization; right to the city (5121, 6126);</p> <p>critical understanding of the role of public involvement in planning, historical and theoretical underpinnings of public involvement in planning processes, a range of involvement techniques (6120, 6126);</p> <p>approaches to community organizing and development as strategies for improving the quality of life for marginalized groups, and as a method for increasing the levels of social justice in Canada and internationally (6126, 6127);</p> <p>duty to consult indigenous communities (6152);</p> <p>public consultation and planning legislation (6165);</p> <p>planning politics and constellation of actors and institutions (6173);</p> <p>environmental impact assessments practice and participation (6186).</p> <p>Understanding public participation; Designing and conducting public participation activities (5122)</p>
<b>Plan and Policy Implementation</b>		
<p><b>Decision Making and Risk Management</b></p>	<p>ENVS 5016 Environmental Law and Justice</p>	<p>policy and planning provisions (5121);</p> <p>policy and program instruments for community energy planning (6121);</p>

<i>Competencies</i>	<i>Courses</i>	<i>Major themes or examples of course content</i>
<p>Understand various modes of decision making and how the technical, financial, social, environmental and political factors are integrated into sound decision making.</p> <p>Understand risk management and its integration into sound decision making.</p> <p>Understand land use regulations, legal, environmental, infrastructure, finance and economics, development control, and other considerations that are part of implementation.</p> <p>Able to integrate information to minimize risk.</p>	<p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 5178 Environmental Policy</p> <p>ENVS 6121 Community, Energy and Planning</p> <p>ENVS 6131 Environmental Planning</p> <p>ENVS 6132 Urban Environmental Design</p> <p>ENVS 6165 Land Use Planning Law</p> <p>ENVS 6172 Food Policy Development in Canada</p> <p>ENVS 6178 Environmental Policy Research Methods</p> <p>ENVS 6186 Environmental Assessment</p> <p>ENVS 6330 Environmental Planning Workshop</p>	<p>multi-scalar government policy and regulation (5016, 6131);</p> <p>environmental design practice, policy, regulations, and guidelines (6132, 5178);</p> <p>legal framework in Canada, provincial and municipal powers, and the statutory tools used by the municipalities across Ontario (6165);</p> <p>policy evaluation including economic, multi-criteria and sustainability assessment models ; legal, institutional, and societal mechanisms for policy evaluations (6178);</p> <p>laws, practices and regulations of environmental assessment (6186);</p> <p>review and application of regulatory/policy frameworks in applied workshop (6330);</p> <p>changes in the Canadian food system in the short, medium, and long terms with a range of program and policy interventions (6172)</p>
<p><b>Implementation Plan</b></p> <p>Understand practices to develop an effective implementation plan.</p> <p>Able to engage other key stakeholders in the development and review of the plan.</p> <p>Able to develop and support implementation of a plan.</p>	<p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 5122 Skills in Planning Research and Practice</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6121 Community, Energy and Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6128 Transportation Policy and Planning</p> <p>ENVS 6131 Environmental Planning</p> <p>ENVS 6132 Urban Environmental Design</p> <p>ENVS 6152 Indigenous Research, Ethics, Methods</p> <p>ENVS 6179 Climate Change: Science and Policy</p> <p>ENVS 6325 Critical Urban Planning Workshop</p> <p>ENVS 6330 Environmental Planning Workshop</p> <p>ENVS 6331 Planning in Toronto Workshop</p>	<p>critical understanding of the role of public involvement in planning, historical and theoretical underpinnings of public involvement in planning processes, a range of involvement techniques (6120, 6126);</p> <p>advocacy and equity; planning as radical practice of social mobilization; right to the city (5121, 6126);</p> <p>duty to consult indigenous communities (6152);</p> <p>public consultation and planning legislation (6165);</p> <p>planning politics and constellation of actors and institutions (6173);</p> <p>environmental impact assessments practice and participation (6186).</p> <p>public participation (5122)</p> <p>all planning workshops through evaluation of complex problems, contexts, and approaches (6325, 6330, 6331)</p>

<i>Competencies</i>	<i>Courses</i>	<i>Major themes or examples of course content</i>
<p><b>Finance and Administration</b></p> <p>Understand finance and administration practices to effectively manage project or plan implementation.</p> <p>Able to monitor and assess financial and administrative activities.</p> <p>Able to report on financial and administrative activities</p>	<p>ENVS 5115 Ecological Economics</p> <p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 6165 Land Use Planning Law</p>	<p>neo-classical economics and political economy; financialization of urban development (5121);</p> <p>real estate; municipal powers (6165);</p> <p>markets and market failure, the economic consideration of ecosystem services and pollution (5115)</p>
<p><b>Project Management</b></p> <p>Understand basic practices of project management.</p> <p>Able to apply project management techniques and tools to support projects.</p> <p>Able to complete projects based on desired outcomes and targets.</p>	<p>ENVS 5021 Urban Development Processes</p> <p>ENVS 5122 Skills in Planning Research and Practice</p> <p>ENVS 5178 Environmental Policy</p> <p>ENVS 6121 Community, Energy and Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6128 Transportation Policy and Planning</p> <p>ENVS 6165 Land Use Planning Law</p> <p>ENVS 6173 Politics and Planning</p> <p>ENVS 6178 Environmental Policy Research Methods</p> <p>ENVS 6186 Environmental Assessment</p> <p>ENVS 6325 Critical Urban Planning Workshop</p> <p>ENVS 6330 Environmental Planning Workshop</p> <p>ENVS 6331 Planning in Toronto Workshop</p>	<p>redevelopment processes (5021, 6126, 6128);</p> <p>community-scale energy production, energy systems (6121),</p> <p>land use, real estate, urban and regional planning (6124, 6165);</p> <p>politics and policing (6126, 6173); laws, practices, and regulations of environmental impact assessment (6186);</p> <p>professional communication: writing reports, oral and presentation (5122)</p> <p>different models and approaches for assessing the effectiveness, efficiency, and fairness of environmental policies (5178, 6178)</p> <p>all planning workshops through study of various projects in Toronto and abroad (6325, 6330, 6331).</p>
<p><b>Evaluation</b></p> <p>Understand practices to evaluate and monitor plan implementation.</p> <p>Able to frame recommendations for implementation which can be monitored and evaluated.</p> <p>Able to assess and determine when correction is required.</p> <p>Able to direct or use evaluation processes and develop reports.</p>	<p>ENVS 5021 Urban Development Processes</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6121 Community, Energy and Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6186 Environmental Assessment</p> <p>ENVS 6182 Environmental Analytics: Data, Models, and Methods</p> <p>ENVS 6178 Environmental Policy Research Methods</p>	<p>development and cycles of growth and decline (5021);</p> <p>methods of public involvement (6120, 6126);</p> <p>policy and program instruments for community energy (6121);</p> <p>regulatory and legal approaches to environmental impact assessment (6186).</p> <p>appraisal of ecological footprint within the context of other sustainability metrics and accounting systems (6182);</p> <p>hypotheses formulation and testing based on the main theories of</p>

Competencies	Courses	Major themes or examples of course content
		environment-economy linkages (6182, 6178);
<b>Developments in Planning</b>		
<p><b>Emerging Trends and Issues</b></p> <p>Understand practices to monitor emerging trends and issues that relate to planning.</p> <p>Able to source and critically assess external and internal environment information to support analysis of the topics.</p> <p>Able to critically assess applicability to plans, physical designs, projects and activities, and report on potential innovations and improvements.</p> <p>Support information exchange within the profession on trends and best practices.</p>	<p>ENVS 5030 Design for Sustainability</p> <p>ENVS 5021 Urban Development Processes</p> <p>ENVS 5023 Global Cities</p> <p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6121 Community, Energy and Planning</p> <p>ENVS 6124 Urban-Regional Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6127 Community Organizing and Development</p> <p>ENVS 6128 Transportation Policy and Planning</p> <p>ENVS 6131 Environmental Planning</p> <p>ENVS 6132 Urban Environmental Design</p> <p>ENVS 6165 Land Use Planning Law</p> <p>ENVS 6173 Politics and Planning</p> <p>ENVS 6179 Climate Change: Science and Policy</p> <p>ENVS 6325 Critical Urban Planning Workshop</p> <p>ENVS 6330 Environmental Planning Workshop</p> <p>ENVS 6331 Planning in Toronto Workshop</p>	<p>sustainable urbanism, renewable resources, and LEED (5030);</p> <p>development and redevelopment processes (5021);</p> <p>global urbanism and suburbanism (5023);</p> <p>new considerations related to planning; possibilities and challenges of contemporary planning (5121, 6124);</p> <p>new and emerging strategies and methods for public involvement in planning (6120);</p> <p>integrated and multi-scalar responses and approaches to policy-making and implementation for sustainable energy systems (6121);</p> <p>emerging approaches to community organizing and development, strategies for improving the quality of life for marginalized groups (6124, 6126, 6127);</p> <p>sustainable transportation systems (6128);</p> <p>ecological and environmental approaches to planning (6131, 6332);</p> <p>emerging planning trends and issues; support information exchange within the profession of trends and best practices (6132);</p> <p>planning law and regulatory frameworks (6165);</p> <p>role of various actors and institutions in shaping current planning practice (6173);</p> <p>planning from an anti-oppressive, anti-racism and inclusive lens (5121, 6173, 6331);</p> <p>all planning workshops through evaluation of complex problems, contexts, and approaches (6325, 6330, 6331).</p>

## Enabling Competencies

<i>Competency</i>	<i>Course</i>	<i>Major themes or examples of course content</i>
<b>Critical Thinking</b>		
<p><b>Issues Identification</b></p> <p>Understand effective issues identification practices to determine and manage issues.</p> <p>Able to identify and track emerging issues in light of project goals, resources and stakeholder interests.</p> <p>Able to facilitate processes to identify issues and seek input, categorize, analyze and report on issues.</p>	<p>ENVS 5021 Urban Development Processes</p> <p>ENVS 5023 Global Cities</p> <p>ENVS 5055 Climate Justice</p> <p>ENVS 5070 Extraction and Its Discontents</p> <p>ENVS 5081 Systems Thinking in Environmental Studies</p> <p>ENVS 5103 Nature and Society</p> <p>ENVS 5112 Ecology in Environmental Studies</p> <p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 6124 Urban-Regional Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6131 Environmental Planning</p> <p>ENVS 6132 Urban Environmental Design</p> <p>ENVS 6179 Climate Change: Science and Policy</p> <p>ENVS 6182 Environmental Analytics</p> <p>ENVS 6183 Qualitative Research Methods</p> <p>ENVS 6184 Participatory Research Methods</p>	<p>urban growth and decline; development process (5021);</p> <p>global urbanism and suburbanism (5023);</p> <p>climate justice definitions, theory, cases studies and implications for policy and activism (5055)</p> <p>conceptual approaches to natural resources extraction; global regulation and resistance (5070)</p> <p>systems thinking and associated methodologies and applications (5081)</p> <p>conceptions of nature (5103)</p> <p>concepts and principles in ecology related to natural and managed environments, resources, planning, management and conservation; non-human world and human habitats (5112)</p> <p>planning processes; planning imagination (5121);</p> <p>historical connections, comparisons, and patterns in planning (6124, 6126);</p> <p>climate change mitigation and adaptation (6179);</p> <p>natural heritage systems, watershed considerations, and urban landscape ecology (6131);</p> <p>identifying variables, research questions, and what constitutes data that could answer a question (6182, 6183);</p> <p>applied participatory research theory, principles, and skills (6184).</p> <p>identify, analyze, and facilitate issues related to project goals, resources, and stakeholders' interests (6132)</p>
<p><b>Problem Solving and Decision Making</b></p> <p>Understand effective problem-solving and decision making practices and underlying values and potential ethical issues.</p>	<p>ENVS 5021 Urban Development Processes</p> <p>ENVS 5023 Global Cities</p> <p>ENVS 5081 Systems Thinking in Environmental Studies</p> <p>ENVS 5121 Perspectives in Planning</p>	<p>investigation of processes of urban growth, decline, development and redevelopment (5021);</p> <p>complex systems thinking and applications (5081);</p> <p>methods of research of spatial analysis (5122);</p>

<i>Competency</i>	<i>Course</i>	<i>Major themes or examples of course content</i>
<p>Able to define problems and identify viable options and possible solutions.</p> <p>Able to relate activities in one area to others and assess potential for the integration of ideas.</p> <p>Able to pull together diverse ideas, issues and observations into a simple, clear and useful analysis and/or presentation.</p> <p>Able to support complex decision making.</p>	<p>ENVS 5122 Skills in Planning Research and Practice</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6124 Urban-Regional Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6127 Community Organizing and Development</p> <p>ENVS 6128 Transportation Policy and Planning</p> <p>ENVS 6131 Environmental Planning</p> <p>ENVS 6132 Urban Environmental Design</p> <p>ENVS 6165 Land Use Planning Law</p> <p>ENVS 6325 Critical Urban Planning Workshop</p> <p>ENVS 6330 Environmental Planning Workshop</p> <p>ENVS 6331 Planning in Toronto Workshop</p>	<p>methods and techniques relevant to planning issues and problems of citizen engagement in planning practice (6120);</p> <p>all planning workshops through study of various projects in Toronto and abroad (6325, 6330, 6331).</p>
<p><b>Research and Analysis</b></p> <p>Understand methods and practices to find relevant information and conduct an analysis.</p> <p>Able to compare and integrate data from various sources and identify cause/effect relationships.</p> <p>Able to analyze results effectively.</p> <p>Able to evaluate results.</p>	<p>ENVS 5100 Interdisciplinary Research in Environmental Studies</p> <p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6152 Indigenous Research, Ethics, and Methods</p> <p>ENVS 6182 Environmental Analytics: Data, Models, and Methods</p> <p>ENVS 6183 Qualitative Research Methods</p> <p>ENVS 6184 Participatory Research Methods</p> <p>ENVS 6186 Environmental Assessment</p> <p>ENVS 6178 Environmental Policy Research Methods</p>	<p>all MES Planning Program courses place a strong emphasis on the epistemological dimensions of planning information and analysis;</p> <p>different planning approaches (5121);</p> <p>different methods of public involvement (6120);</p> <p>planning students are required to take a Methods course in order to develop their skills at evidence gathering, analysis and interpretation.</p> <p>most MES Planning students complete primary data collection for their Major Research (6152, 6182, 6183, 6184);</p> <p>familiarity with spreadsheets and with Python software that are used in solving problems (6182);</p> <p>environment policy issues to contribute to the formulation and implementation of future environmental policies (6178, 6186);</p> <p>concepts, theories, practical skills, and research methods that are considered core to interdisciplinary studies (5100)</p>
<p><b>Innovation and Creativity</b></p>	<p>ENVS 6182 Environmental Analytics</p>	<p>identifying variables, research questions, and what constitutes data</p>

<i>Competency</i>	<i>Course</i>	<i>Major themes or examples of course content</i>
<p>Understand and encourage practices to support innovation and creativity in work environments.</p> <p>Use innovation and creative practices and tools to facilitate decision making.</p>	<p>ENVS 6183 Qualitative Research Methods</p> <p>ENVS 6184 Participatory Research Methods</p> <p>ENVS 6325 Critical Urban Planning Workshop</p> <p>ENVS 6330 Environmental Planning Workshop</p> <p>ENVS 6331 Planning in Toronto Workshop</p>	<p>that could answer a question (6182, 6183);</p> <p>applied participatory research theory, principles, and skills (6184).</p> <p>all planning workshops through study of various projects in Toronto and abroad (6325, 6330, 6331).</p>
<p><b>Political Awareness</b></p> <p>Understand political motives, issues and actions.</p> <p>Actively follow political trends, issues and activities.</p> <p>Demonstrate awareness of how political trends, issues and activities influence decision making.</p>	<p>ENVS 5021 Urban Development Processes</p> <p>ENVS 5023 Global Cities</p> <p>ENVS 5055 Climate Justice</p> <p>ENVS 5061 Environmental Law and Justice</p> <p>ENVS 5070 Extraction and its Discontents</p> <p>ENVS 5073 New Social Movement, Activism and Social Change</p> <p>ENVS 5106 Critical Perspectives on Race, Gender, Sexuality and the Environment</p> <p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 5122 Skills in Planning Research and Practice</p> <p>ENVS 5178 Environmental Policy</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6124 Urban-Regional Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6127 Community Organizing and Development</p> <p>ENVS 6131 Environmental Planning</p> <p>ENVS 6132 Urban Environmental Design</p> <p>ENVS 6165 Land Use Planning Law</p> <p>ENVS 6173 Politics and Planning</p> <p>ENVS 6152 Indigenous Research, Ethics and Methods</p> <p>ENVS 6165 Land Use Planning Law</p> <p>ENVS 6173 Politics and Planning</p> <p>ENVS 6184 Participatory Research Methods</p>	<p>a major theme of MES Planning Program courses is situating planning within wider political processes and understanding socio-spatial relations across various scales;</p> <p>municipal, regional, and provincial scales and levels of government (5121, 6124, 6165);</p> <p>critical political reactions to global city formation, and various forms of sociopolitical mobilization and contestation emerging in globalizing cities (5023);</p> <p>climate justice; social justice (5055, 5061, 5070);</p> <p>extractive industry in longer histories of imperialism and colonialism (5070);</p> <p>response to racism, colonialism, capitalism, neoliberal multiculturalism and urban and environmental injustice (5073; 5106);</p> <p>anti-colonial planning, queer planning, anti-oppressive planning, and equity in planning (5121, 6120, 6133);</p> <p>settler urbanism and the Indigenous question (6124);</p> <p>marginalized communities (6126, 6127);</p> <p>advocacy and equity planning, diversity, and ethics (5121);</p> <p>Indigenous worldviews and ways of knowing ; duty to consult Indigenous communities (6152);</p> <p>pluralism; subaltern movements (6120, 6173);</p> <p>equity and participatory methods for marginalized communities (6184);</p>



Competency	Course	Major themes or examples of course content
		<p>plans for diversity, inclusiveness, and difference in Planning (6132)</p> <p>demographic and socioeconomic information of community members, planning impacts on equity-seeking groups (5122)</p>
<p><b>Change Management</b></p> <p>Understand stages within the change process and practices to implement change.</p> <p>Able to monitor issues and anticipate potential changes.</p> <p>Use change management processes to implement decisions</p>	<p>ENVS 5055 Climate Justice</p> <p>ENVS 5073 New Social Movement, Activism and Social Change</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6128 Transportation Policy and Planning</p> <p>ENVS 6132 Urban Environmental Design</p> <p>ENVS 6179 Climate Change: Science and Policy</p> <p>ENVS 6179 Climate Change: Science and Policy</p> <p>ENVS 6186 Environmental Assessment</p> <p>ENVS 6325 Critical Urban Planning Workshop</p> <p>ENVS 6330 Environmental Planning Workshop</p> <p>ENVS 6331 Planning in Toronto Workshop</p>	<p>climate justice implications for policy and activism (5055);</p> <p>self-reflection and active engagement with social change (5073);</p> <p>methods and techniques for visioning through public involvement in planning (6120, 6126, 6128);</p> <p>review of best practices in transportation (6127);</p> <p>review of best practices and ecological restoration projects (6132);</p> <p>scenario development and related futures techniques (6179, 6186);</p> <p>range of alternative paths for action to housing issues and challenges (6325);</p> <p>development of proposal for a major potential development in Toronto (6330, 6331).</p>
<b>Interpersonal</b>		
<p><b>Integrity and Trust</b></p> <p>Understand the importance of maintaining high standards of integrity and trust.</p> <p>Able to provide a balanced picture, respect others and build trust.</p> <p>Able to set a positive example.</p>	<p>ENVS 5055 Climate Justice</p> <p>ENVS 5061 Environmental Law and Justice</p> <p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 5122 Skills in Planning Research and Practice</p> <p>ENVS 5178 Environmental Policy</p> <p>ENVS 5191 Environmental Ethics, Rights and the Spiritual Dimension</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6124 Urban-Regional Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6131 Environmental Planning</p> <p>ENVS 6165 Land Use Planning Law</p>	<p>climate change and implications for policy and activism; equity related aspects of climate mitigation and adaptation (5055);</p> <p>equal access to environmental health and social justice (5061);</p> <p>professional roles and responsibilities (5121, 5122);</p> <p>planning legislation and regulations, as well as codes of conduct and their application (5121);</p> <p>interactions of institutions and societal forces (5178);</p> <p>citizen involvement in planning (6120);</p>

<i>Competency</i>	<i>Course</i>	<i>Major themes or examples of course content</i>
	ENVS 6325 Critical Urban Planning Workshop ENVS 6330 Environmental Planning Workshop ENVS 6331 Planning in Toronto Workshop	major ethical traditions; environmental ethics; ethical dimensions of various religious and spiritual traditions (5191); evolving nature of community planning (6126); functioning of human communities in relation to the natural environment (6131); policy and legal frameworks (5178, 6165) all planning workshops entail group work during the whole term, culminating with group presentations (6325, 6330, 6331).
<p><b>Diversity and Inclusiveness</b></p> <p>Understand demographics of society and diversity and inclusiveness considerations including, but not limited to Indigenous people.</p> <p>Understand practices to effectively comply with legal aspects and benefit from approaches to building on diversity and difference.</p> <p>Able to develop plans that build on diversity and inclusiveness considerations.</p>	ENVS 5021 Urban Development Processes ENVS 5023 Global Cities ENVS 5106 Critical Perspectives in Race, Gender, Sexuality and the Environment ENVS 5121 Perspectives in Planning ENVS 5122 Skills in Planning Research and Practice ENVS 6120 Public Involvement in Planning ENVS 6124 Urban-Regional Planning ENVS 6126 Community Planning and Housing ENVS 6127 Community Organizing and Development ENVS 6128 Transportation Policy and Planning ENVS 6152 Indigenous Research, Ethics and Methods ENVS 6156 Critical Theories of International Development ENVS 6173 Politics and Planning ENVS 6184 Participatory Research Methods ENVS 6331 Planning in Toronto Workshop ENVS 6132 Urban Environmental Design	socio-economic and political processes of urban change, e.g., gentrification and spatial deconcentration (5021, 6124); critical political reactions to global city formation, and various forms of sociopolitical mobilization and contestation emerging in globalizing cities (5023); racism, colonialism, gender and sexuality; intersectionality; feminist, queer, transgender and other subjugated knowledges of racial capitalism, anti-Blackness and settler colonialism (5061); anti-colonial planning, queer planning, anti-oppressive planning, and equity in planning (5121, 6120, 6133); role of diverse publics in planning, within the context of democratic processes (6120); settler urbanism and the Indigenous question (6124); marginalized communities (6126, 6127); transportation disadvantage (6128); advocacy and equity planning, diversity, and ethics (5121); Indigenous worldviews and ways of knowing (6152); participatory development, postcolonialism, decoloniality (6156); pluralism; subaltern movements (6120, 6173);

Competency	Course	Major themes or examples of course content
		<p>equity and participatory methods for marginalized communities (6184);</p> <p>planning from an anti-oppressive, anti-racism and inclusive lens (6331).</p> <p>plans for diversity, inclusiveness, and difference in Planning (6132)</p> <p>demographic and socioeconomic information of community members, planning impacts on equity-seeking groups (5122)</p>
<p><b>Facilitation</b></p> <p>Understand the value of facilitation to plan making and implementation.</p> <p>Understand practices to facilitate situations.</p> <p>Able to facilitate situations to support decision making and engender commitment.</p>	<p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6127 Community Organizing and Development</p> <p>ENVS 6132 Urban Environmental Design</p> <p>ENVS 6148 Environmental Negotiation and Mediation</p> <p>ENVS 6152 Indigenous Research, Ethics and Methods</p> <p>ENVS 6173 Politics and Planning</p> <p>ENVS 6331 Planning in Toronto Workshop</p>	<p>roles planners, including facilitation, and conflict resolution (5121);</p> <p>power and politics of participation; negotiating participation (6120);</p> <p>community organizing methods (6127);</p> <p>modes of decision making with consideration for technical, financial, social, political, and environmental considerations for risk management (6132);</p> <p>effective collaboration, conflict management and resolution (6148);</p> <p>conflict and reconciliation (6152);</p> <p>politics and policing (6173);</p> <p>all planning workshops entail group work during the whole term, culminating with group presentations (6325, 6330, 6331).</p>
<p><b>Negotiation</b></p> <p>Understand practices to support negotiations.</p> <p>Able to support position and presents issues in a factual and persuasive manner.</p> <p>Able to build on common ground and seek compromise when appropriate.</p>	<p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6127 Community Organizing and Development</p> <p>ENVS 6132 Urban Environmental Design</p> <p>ENVS 6148 Environmental Negotiation and Mediation</p> <p>ENVS 6152 Indigenous Research, Ethics and Methods</p> <p>ENVS 6173 Politics and Planning</p> <p>ENVS 6331 Planning in Toronto Workshop</p>	<p>roles planners, including mediation and conflict resolution (5121);</p> <p>power and politics of participation; negotiating participation (6120);</p> <p>community organizing methods (6127);</p> <p>modes of decision making with consideration for technical, financial, social, political, and environmental considerations for risk management (6132);</p> <p>effective collaboration, conflict management and resolution (6148);</p> <p>conflict and reconciliation (6152);</p> <p>politics and policing (6173);</p>

<i>Competency</i>	<i>Course</i>	<i>Major themes or examples of course content</i>
		planning from an anti-oppressive, anti-racism and inclusive lens (6331);
<p><b>Collaboration and Consensus Building</b></p> <p>Understand practices to support collaboration and consensus building.</p> <p>Able to assess and analyze an approach to support improvements.</p> <p>Able to facilitate collaboration and consensus building situations.</p>	<p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 6121 Community, Energy and Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6127 Community Organizing and Development</p> <p>ENVS 6128 Transportation Policy and Planning</p> <p>ENVS 6131 Environmental Planning</p> <p>ENVS 6132 Urban Environmental Design</p> <p>ENVS 6325 Critical Urban Planning Workshop</p> <p>ENVS 6330 Environmental Planning Workshop</p> <p>ENVS 6331 Planning in Toronto Workshop</p>	<p>team projects are familiar assignments for MES planning courses, and students are trained in developing common goals, effective communication and developing efficient workplans.</p> <p>group work/presentation on condominium boom research (5021);</p> <p>group work/presentation on contemporary planning issue (5121, 6128);</p> <p>group work/presentation on public participation case study (6126, 6127);</p> <p>group work/presentation on course themes (6131, 6132);</p> <p>all planning workshops entail group work during the whole term, culminating with group presentations (6325, 6330, 6331).</p>
<p><b>Conflict Management</b></p> <p>Understand practices to manage conflict.</p> <p>Able to assess the nature of a conflict and suggest an approach to address the conflict.</p> <p>Able to address conflicts in a non-judgmental fashion, clarify differences, and build on common interests.</p> <p>Able to propose recommendations for consideration and action.</p>	<p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6127 Community Organizing and Development</p> <p>ENVS 6132 Urban Environmental Design</p> <p>ENVS 6148 Environmental Negotiation and Mediation</p> <p>ENVS 6152 Indigenous Research, Ethics and Methods</p> <p>ENVS 6173 Politics and Planning</p> <p>ENVS 6331 Planning in Toronto Workshop</p>	<p>roles planners, including mediation, facilitation, and conflict resolution (5121);</p> <p>power and politics of participation; negotiating participation (6120);</p> <p>community organizing methods (6127);</p> <p>modes of decision making with consideration for technical, financial, social, political, and environmental considerations for risk management (6132);</p> <p>effective collaboration, conflict management and resolution (6148);</p> <p>conflict and reconciliation (6152);</p> <p>planning as a mediator of conflicts between concepts of urban places as 'economic space' and 'community space'; planning as the mediating agency of urban growth and decline (6173);</p> <p>planning from an anti-oppressive, anti-racism and inclusive lens (6331);</p>
<b>Communications</b>		
<b>Listening</b>	All courses	all MES planning courses entail the practice of listening (to professors,

<i>Competency</i>	<i>Course</i>	<i>Major themes or examples of course content</i>
<p>Demonstrate capacity to listen effectively and understand messages.</p> <p>Able to confirm messages have been received and are understood.</p>		<p>peers, guest lecturers, etc.) which is also tested in assignments (various formats)</p>
<p><b>Written and Oral Presentation</b></p> <p>Understand practices and tools to support simple and effective written, oral and visual/graphic presentations.</p> <p>Able to express ideas in a clear, organized and effective manner, both verbally and non -verbally, to achieve understanding.</p> <p>Able to communicate complex matters and be persuasive.</p>	All courses	<p>all MES planning courses entail written assignments (various formats), presentation of readings and individual/team works;</p> <p>all planning workshops entail group work during the whole term, culminating with group presentations (6325, 6330, 6331).</p>
<p><b>Information and Knowledge</b></p> <p>Understand types of information and knowledge required to support decision making.</p> <p>Able to translate and integrate various sources of information.</p> <p>Able to support timely, relevant and accurate communications.</p>	All courses	<p>all MES planning courses entail the production and dissemination of information and knowledge, which is also tested in assignments (various formats);</p> <p>all workshops entail group work during the whole term, culminating with group presentations (6325, 6330, 6331).</p>
<p><b>Use of Information Technology</b></p> <p>Understand issues, trends and how to integrate multi -media material into written, oral and visual presentations.</p> <p>Use current technology to complete work and make informed decisions.</p> <p>Evaluate the use of technology and, through benchmarking (review of best practices), identify opportunities for improvement and support of technical staff.</p>	<p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6132 Urban Environmental Design</p> <p>ENVS 6182 Environmental Analytics</p> <p>ENVS 6183 Qualitative Research Methods</p> <p>ENVS 6184 Participatory Research Methods</p> <p>ENVS 6330 Environmental Planning Workshop</p>	<p>use of social media in public involvement (6120);</p> <p>data organization and structure, modeling, development of spreadsheets regression analysis with R software, time series analysis (6182);</p> <p>video production and social media as methods (6183, 6184);</p> <p>all workshops normally entail the use of information technology to analyse data and prepare maps (6132, 6325, 6330, 6331).</p>

Competency	Course	Major themes or examples of course content
	ENVS 6325 Critical Urban Planning Workshop ENVS 6330 Environmental Planning Workshop ENVS 6331 Planning in Toronto Workshop	presentations and inclusion of maps and planning graphics in assignments (5121); data modelling; preparation of audience-appropriate reports, and the commissioning and management of research reports (6182); participatory visual methodologies (6184); all workshops normally entail the preparation of group reports including maps and computer graphics (6325, 6330, 6331). data analysis and visualisation; scenario development (6182)
<p><b>Internal and External Relations</b></p> <p>Understand the importance and practices of successful media and other external relations activities required to communicate messages effectively.</p> <p>Understand various types of internal communications and processes used to gather and disseminate information.</p> <p>Engage in activities to improve internal and external relations activities.</p>	ENVS 5021 Urban Development Processes ENVS 5121 Perspectives in Planning ENVS 6120 Public Involvement in Planning ENVS 6165 Land Use Planning Law ENVS 6173 Politics and Planning ENVS 6184 Participatory Research Methods ENVS 6186 Environmental Assessment ENVS 6325 Critical Urban Planning Workshop ENVS 6330 Environmental Planning Workshop ENVS 6331 Planning in Toronto Workshop ENVS 6699 Experiential Learning	redevelopment stakeholders (5021); planning legislation and regulations, as well as codes of conduct and their application (5121); public involvement in planning processes and methods (6120), governmental relations and regulations (6173, 6165); participation of various publics (6184); environmental assessment methods and techniques (6186); all workshops include relations and public presentations, and audiences often include public officials (6330, 6325, 6331); all planning students are required to complete a minimum of 3 credits of field experience or placement in a planning setting (6699).
<b>Leadership</b>		
<p><b>Vision</b></p> <p>Understand the importance of values and vision, and methods and processes for vision development and promotion.</p> <p>Apply a critical, integrative thinking approach to issues.</p> <p>Able to support the development of values and vision, monitor progress and identify when to make corrections.</p>	ENVS 5021 Urban Development Processes ENVS 5100 Interdisciplinary Research in Environmental Studies ENVS 5121 Perspectives in Planning ENVS 5081 Systems Thinking in Environmental Studies ENVS 6120 Public Involvement in Planning ENVS 6165 Land Use Planning Law ENVS 6173 Politics and Planning	changing processes of the city; cycles of growth and decline (5021); debates and interdisciplinary perspectives (5100); redevelopment processes (5021, 5121, 6126); major paradigms in systems thinking (5081); role of planning as a selective filter of values and interests in civil society and local state (6173);

<i>Competency</i>	<i>Course</i>	<i>Major themes or examples of course content</i>
	ENVS 6152 Indigenous Research, Ethics and Methods ENVS 6182 Environmental Analytics ENVS 6183 Quantitative Research Methods ENVS 6184 Participatory Research Methods ENVS 6186 Environmental Assessment ENVS 6325 Critical Urban Planning Workshop ENVS 6330 Environmental Planning Workshop ENVS 6331 Planning in Toronto Workshop	Planning students are required to take a Methods/research design courses in order to develop their Major Research Proposals (6152, 6182, 6183, 6184); all planning workshops include discussion about envisioning a better environment and future (6330, 6325, 6331); all MES planning courses develop a critical, integrative thinking approach to urban and environmental issues;
<p><b>Responsiveness and Influence</b></p> <p>Anticipate future needs and developments.</p> <p>Understand how to effectively engage stakeholders in complex issues.</p> <p>Understand how to connect needs and solutions and influence decisions.</p> <p>Able to propose influential recommendations to key stakeholders.</p>	ENVS 5021 Urban Development Processes ENVS 5121 Perspectives in Planning ENVS 5122 Skills in Planning Research and Practice ENVS 5178 Environmental Policy ENVS 6120 Public Involvement in Planning ENVS 6126 Community Planning and Housing ENVS 6127 Community Organizing and Development ENVS 6173 Politics and Planning ENVS 6152 Indigenous Research, Ethics and Methods ENVS 6184 Participatory Research Methods ENVS 6325 Critical Urban Planning Workshop ENVS 6330 Environmental Planning Workshop ENVS 6331 Planning in Toronto Workshop	conception of “the public” in planning, and how public interest are identified and mobilized (5121); changing processes of the city; cycles of growth and decline (5021); comparative global urbanism (5023); frameworks and discourses within planning and their ability to solve urban or regional planning problems; possibilities and challenges of contemporary planning (5121); situating public participation in developing strategies for planning and decision-making (6120); community development approaches and methods (6124, 6126, 6127); urban politics, actors, and institutions (5121, 6173); dilemmas in modern planning through analyses of historical cases (6124), cycles of growth and decline (5021); all planning workshops through evaluation of complex problems, contexts and approaches (6325, 6330, 6331)
<p><b>Team Building</b></p> <p>Understand team building techniques and dynamics.</p> <p>Act as a leader or member of a multi - function team.</p> <p>Build and motivate teams.</p>	ENVS 5121 Perspectives in Planning ENVS 6120 Public Involvement in Planning ENVS 6184 Participatory Research Methods ENVS 6325 Critical Urban Planning Workshop	collaborative, interdisciplinary nature of planning (5121); methods and techniques relevant to planning issues and problems of citizen involvement in planning practice (6120); theoretical underpinnings and guiding principles of participatory research; application of participatory research

<i>Competency</i>	<i>Course</i>	<i>Major themes or examples of course content</i>
	ENVS 6330 Environmental Planning Workshop ENVS 6331 Planning in Toronto Workshop	theory, principles and skills through assignments in the community (6184); many MES planning courses include collaborative assignments and all planning workshops include and develop team work (6325, 6330, 6331) many co-curricular activities provide students with team building and leadership opportunities;
<p><b>Climate of Excellence</b></p> <p>Understand frameworks to support quality and performance measurement.</p> <p>Understand the meaning of accountability and practices to support accountability.</p> <p>Able to apply practices and tools to manage for results and achieve positive outcomes.</p>	ENVS 5121 Perspectives in Planning ENVS 5122 Skills in Planning Research and Practice ENVS 5178 Environmental Policy ENVS 6173 Politics and Planning ENVS 6152 Indigenous Research, Ethics and Methods ENVS 6184 Participatory Research Methods ENVS 6325 Critical Urban Planning Workshop ENVS 6330 Environmental Planning Workshop ENVS 6331 Planning in Toronto Workshop	conception of “the public” in planning, and how public interest are identified and mobilized (5121); role of responsibilities of planners to support accountability and achieve positive outcomes (5121, 5122); environmental policy evaluation; design, implementation and evaluation of public policies; legal, institutional and societal mechanisms for policy evaluations (5178, 6178); urban politics, actors, and institutions (5121, 6173); duty to consult Indigenous communities(6152) underpinnings, principles, limitations of participation (6184) all planning workshops include and develop performance measurement and address issues of accountability and positive outcomes (6325, 6330, 6331) Planning students are required to take a Methods/research design courses in order to develop their Major Research Proposals (6152, 6182, 6183, 6184);
<p><b>Managing Resources and Results</b></p> <p>Understand policies and processes to effectively manage resources and results expected.</p> <p>Able to manage human and financial resources and achieve targeted results.</p> <p>Able to assess the use of resources and identify areas for improvement.</p>	ENVS 5115 Ecological Economics ENVS 5121 Perspectives in Planning ENVS 5122 Skills in Planning Research and Practice ENVS 5178 Environmental Policy ENVS 6131 Environmental Planning ENVS 6178 Environmental Policy Research Methods ENVS 6186 Environmental Assessment	Optimal scale of economy in relation to the environment; environmental valuation, intergenerational and interspecies equity (5122); policy and planning provisions; regional and local planning policies (5121, 5122); environmental policy evaluation; design, implementation and evaluation of public policies; legal, institutional and societal mechanisms for policy evaluations (5178, 6178);



Competency	Course	Major themes or examples of course content
		environmental assessment policy, laws, and regulations (5178, 6178, 6186);
<b>Professional and Ethical Practice</b>		
<p><b>Continuous Learning</b></p> <p>Understand practices to support life-long learning, mentorship and coaching for self and others.</p> <p>Able to assess development needs.</p> <p>Engage in continuous learning and promoting the value of learning for self and others.</p>	<p>ENVS 5021 Urban Development Processes</p> <p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 6121 Community, Energy and Planning</p> <p>ENVS 6126 Community Planning and Housing</p> <p>ENVS 6131 Environmental Planning</p> <p>ENVS 6132 Urban Environmental Design</p> <p>ENVS 6152 Indigenous Research, Ethics and Methods</p> <p>ENVS 6165 Land Use Planning Law</p> <p>ENVS 6173 Politics and Planning</p> <p>ENVS 6179 Climate Change: Science and Policy</p> <p>ENVS 6182 Environmental Analytics: Data, Models, Methods</p> <p>ENVS 6186 Environmental Assessment</p> <p>ENVS 6325 Critical Urban Planning Workshop</p> <p>ENVS 6330 Environmental Planning Workshop</p> <p>ENVS 6331 Planning in Toronto Workshop</p> <p>ENVS 6401 Disasters: Concepts and Causes</p>	<p>changing processes of the city (5021);</p> <p>roles of planners within changing environments and diverse communities, as well as "radical uncertainty" (5121, 6126);</p> <p>energy demands/deficits (6121);</p> <p>environmental crisis (6131);</p> <p>tensions nature in the city (6132);</p> <p>analysis and tools to conduct research "in a good way" in Indigenous contexts; ontological, ethical, methodological, and political issues associated with such a project (6152);</p> <p>planning tools available in the <i>Planning Act</i> and other relevant legislation, such as the <i>Heritage Act</i>, (6165);</p> <p>urban change and politics (6173);</p> <p>risk analysis and decisions (6182);</p> <p>environmental impact assessment methods and techniques (6186);</p> <p>perspectives and impacts of disasters analysis to explore the implications of disaster management (6401)</p> <p>all workshops focus on current planning issues and therefore involve degrees of complexity, uncertainty and change (6325, 6330, 6331).</p>
<p><b>Ethical Standards</b></p> <p>Understand ethical responsibilities and dilemmas for the professional planner.</p> <p>Understand and demonstrate adherence to establish ethical standards.</p> <p>Set highest standards for self and others, and monitors practice.</p>	<p>ENVS 5061 Environmental Law and Justice</p> <p>ENVS 5070 Extraction and its Discontents</p> <p>ENVS 5103 Nature and Society</p> <p>ENVS 5121 Perspectives in Planning</p> <p>ENVS 5122 Skills in Planning Research and Practice</p> <p>ENVS 6120 Public Involvement in Planning</p> <p>ENVS 6131 Environmental Planning</p> <p>ENVS 6132 Urban Environmental Design</p>	<p>all MES Planning courses incorporate discussions of ethics, particularly in terms of environmental and social justice (a guiding vision of the Faculty of Environmental and Urban Change);</p> <p>all planning courses involved different degrees of dealing with ethical issues;</p> <p>professional planning; purposes of planning (5121);</p> <p>reflection on planning professions; planning debates (5121);</p> <p>role/responsibilities of the public (6120);</p>

<i>Competency</i>	<i>Course</i>	<i>Major themes or examples of course content</i>
	ENVS 6152 Indigenous Research, Ethics and Methods ENVS 6173 Politics and Planning ENVS 6183 Qualitative Research Methods ENVS 6184 Participatory Research Methods ENVS 6325 Critical Urban Planning Workshop ENVS 6330 Environmental Planning Workshop ENVS 6331 Planning in Toronto Workshop	diversity and ethics (5121, 6173); whose planning, whose design (6120); diversity and ethics; ethics of accountability in planning praxis (5121); environmental ethics (5061, 5070, 6131); indigenous worldviews and epistemologies; indigenous-settler relations (6152); research ethics and responsibilities (6183, 6184); adhere to and monitor highest ethical standards for self/others (6132). planning from an anti-oppressive, anti-racism and inclusive lens (5121, 6173, 6331, 6325); deliberate approaches to pursue more equitable engagement with relevant stakeholders and communities (5122); city building on ancestral and contemporary Indigenous territories, entangled ecological and social relationships with place and land in cities (5103, 6330).
<p><b>Professionalism</b></p> <p>Understand the role of the professionals generally.</p> <p>Understand the role of the planner in the development of the profession.</p> <p>Monitor changes in the profession and demonstrate professionalism.</p> <p>Participate in activities to support development of the profession.</p>	ENVS 5121 Perspectives in Planning ENVS 6165 Land Use Planning Law ENVS 6325 Critical Urban Planning Workshop ENVS 6330 Environmental Planning Workshop ENVS 6331 Planning in Toronto Workshop ENVS 6699 Experiential Learning	all MES Planning courses include planning practitioners as guest speakers and term project partners; all MES Planning courses incorporate discussions of professional roles and responsibilities; all MES planning workshops focus on applied planning projects and interactions with planning practitioners (6330, 6331, 6325). all MES planning students are required to complete a minimum of 3 credits of field experience in a planning setting and to prepare a report reflecting on their learning (6699). many co-curricular activities provide students with an understanding of professionalism; reflections on the planning profession (5121); legal precedence cases (6165).

## Appendix 2: MES Planning Program Requirements Checklist

The MES Planning Checklist sets out Plan of Study and course requirements for students seeking an MES degree in planning accredited by the Professional Standards Board for the Planning Profession in Canada (PSB) and Ontario Professional Planners Institute (OPPI). The MES Planning Checklist requirements ensure students acquire sufficient coverage of the PSB's functional and enabling competencies to allow students to enter the planning profession with a broad base of understanding of the profession and with the ability to continue to develop, gain knowledge, and specialize. Upon completion of their degree, students must apply for candidate membership with OPPI (or other provincial or territorial association) to become a Register Professional Planner.

Students are encouraged to review their requirements with their advisor and MES Planning Program Coordinator during their studies. Students must seek approval for equivalencies from the MES Planning Program Coordinator prior to undertaking a learning strategy. The MES Planning Checklist should be discussed and approved at the MES II-III exam. Once all the requirements have been completed, students are to submit the Checklist in the ES Graduate Dossier for final approval by the MES Planning Program Coordinator.

This MES Planning Checklist is subject to change. Course requirements and availability may vary between academic years. Students must complete the Checklist requirements in force in their incoming year. Planning students often need to take more than the minimum of 36 credits required for the MES program in order to complete these MES Planning Program requirements.

### Plan of Study Requirements:

- Declaration to obtain OPPI recognition
- "Planning" in Area of Concentration title
- Specialized "Planning" Component
- Learning Objective: "To obtain the knowledge and skills necessary to meet the program requirements of the Canadian Institute of Planners and Ontario Professional Planners Institute for Candidate membership." *Note: Learning Strategies, especially under this Learning Objective should make reference the OPPI's competencies.*

### MES Planning students are REQUIRED to take:

- ENVS 5121 Perspectives in Planning
- ENVS 6165 Land Use Planning Law
- ENVS 6699 Experiential Learning (minimum 3 credits/120 hours)
- Two additional courses (of your choice) from ENVS or any graduate program at York University

### Methodology Course Requirement (minimum one):

- ENVS 6152 Indigenous Research, Ethics and Methods
- ENVS 6182 Environmental Analytics
- ENVS 6183 Qualitative Research Methods
- ENVS 6184 Participatory Research Methods
- ENVS 6178 Environmental Policy Research Methods
- Other (to be discussed with Advisor and approved by the MES Planning Coordinator)

### Planning and Politics Requirement (minimum one):

- ENVS 5023 Global Cities

- ENVS 5070 Extraction and its Discontents
- ENVS 5073 New Social Movements, Activism and Social Change
- ENVS 5124 Global Development & Inequality
- ENVS 5161 Local Government Organization and Operation
- ENVS 6173 Politics and Planning
- ENVS 6175 Global Environmental Politics
- ENVS 6275 International Political Economy and Ecology Summer School
- Other (to be discussed with and approved by the MES Planning Coordinator)

**Planning Workshop Requirement (minimum one):**

- ENVS 6325 Critical Urban Planning Workshop
- ENVS 6330 Environmental Planning Workshop
- ENVS 6331 Planning in Toronto Workshop
- Other (to be discussed with and approved by the MES Planning Coordinator)

**Planning Skills (optional):**

- ENVS 5122 Skills in Planning Research and Practice

**Planning Specialization**

**URBAN AND REGIONAL PLANNING**

**Required core course:**

- ENVS 6124 Urban-Regional Planning

**At least one of the following:**

- ENVS 5021 Urban Development Processes
- ENVS 5023 Global Cities
- ENVS 6120 Public Involvement in Planning
- ENVS 6126 Community Planning and Housing
- ENVS 6128 Transportation Policy and Planning
- ENVS 6130 Planning Theory
- ENVS 6133 Social Justice and Planning
- Other (to be discussed with and approved by the MES Planning Coordinator)

**ENVIRONMENTAL PLANNING**

**Required core course:**

- ENVS 6131 Environmental Planning

**At least one of the following:**

- ENVS 5112 Ecology in Environmental Studies
- ENVS 5178 Environmental Policy: Institutions, Ideas and Interests
- ENVS 6119 Environmental Resource Management
- ENVS 6120 Public Involvement in Planning
- ENVS 6179 Climate Change: Science and Policy
- ENVS 6132 Urban Environmental Design
- ENVS 6186 Environmental Assessment
- ENVS 6401 Disasters: Concepts and Causes
- Other (to be discussed with and approved by the MES Planning Coordinator)

**COMMUNITY/SOCIAL POLICY AND PLANNING**

**Required core course:**

ENVS 6126 Community Planning and Housing

**At least one of the following:**

ENVS 5061 Environmental Law and Justice

ENVS 5073 New Social Movements, Activism and Social Change

ENVS 6120 Public Involvement in Planning

ENVS 6127 Community Organizing and Development

ENVS 6150 Popular Education for Social Change

Other (to be discussed with and approved by the MES Planning Coordinator)

**FOOD PLANNING**

**Required core course (one of the following):**

ENVS 6124 Urban-Regional Planning

ENVS 6126 Community Planning and Housing

ENVS 6131 Environmental Planning

**At least two of the following:**

ENVS 5011 Food, Land and Culture

ENVS 6172 Food Policy Development in Canada

Other (to be discussed with and approved by the MES Planning Coordinator)

**OTHER PLANNING SPECIALIZATION**

**Required core course (one of the following):**

ENVS 6124 Urban-Regional Planning

ENVS 6126 Community Planning and Housing

ENVS 6131 Environmental Planning

**At least one courses that contribute directly to your Area of Specialization** to be discussed with and approved by Faculty Advisor and the MES Planning Coordinator (e.g., critical urban studies, energy, health, transportation, tourism, etc.)

For more information or pre-approval on the MES Planning Program Checklist, please contact Professor Laura Taylor, MES Planning Program Coordinator, ([euclan@yorku.ca](mailto:euclan@yorku.ca)).