



Twin Cities Campus

Development Practice M.D.P.

HHH Administration

Hubert H. Humphrey School of Public Affairs

Link to a [list of faculty](#) for this program.

Contact Information:

Hubert H. Humphrey School of Public Affairs, University of Minnesota, 301 19th Avenue South, Minneapolis, MN 55455 (612-624-3800; fax: 612-626-0002).

Email: hhadmit@umn.edu

Website: <http://www.hhh.umn.edu>

- Program Type: Master's
- Requirements for this program are current for Fall 2016
- Length of program in credits: 50
- This program requires summer semesters for timely completion.
- Degree: Master of Development Practice

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The master of development practice (MDP) prepares students for careers in international development. The degree provides rigorous interdisciplinary training and equips students with the skills needed to address the problems of poverty and sustainable development in the developing world.

The MDP program is jointly administered by the Humphrey School of Public Affairs and the Interdisciplinary Center for the Study of Global Change (ICGC) and spans several academic units across the University of Minnesota. The degree provides training in policy analysis and management, health and education, natural sciences, social sciences, and interdisciplinary research methods. An international field experience and capstone workshop in development practice also are required.

The MDP degree is part of a global consortium of international development programs.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

A four-year bachelor's degree from an accredited US university or foreign equivalent at time of enrollment.

Other requirements to be completed before admission:

While no specific experience or academic pathway is required, students with a strong liberal education background and sound quantitative and analytical skills will be best prepared for academic success at the Humphrey School of Public Affairs.

Previous coursework in mathematics, statistics, and economics is recommended. Past applicants needing to strengthen this part of their skill set have found courses in introductory microeconomics, college algebra, and introductory statistics to be helpful preparation. Prior to admission students may find such courses available online; many are also available at the University of Minnesota.

International professional experience and foreign language competency are strongly preferred.

Special Application Requirements:

A complete application will include a University of Minnesota graduate application, personal statement, resume or C.V., transcripts, GRE scores, TOEFL scores, at least three letters of recommendation, and an optional diversity statement.

Applicants must submit their test score(s) from the following:

- GRE

International applicants must submit score(s) from one of the following tests:

- TOEFL



- Internet Based - Total Score: 100
- Paper Based - Total Score: 600
- IELTS
 - Total Score: 7

The preferred English language test is Test of English as Foreign Language

Key to [test abbreviations](#)(GRE, TOEFL, IELTS).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Plan C: Plan C requires 50 major credits and up to null credits outside the major. There is no final exam. A capstone project is required.

Capstone Project: The capstone project is an opportunity for MDP students in their second year to apply their knowledge through a client-based team project. Each student team and the workshop instructor will work with an NGO or public sector client engaged in some dimension of international development, preferably situated in a developing country, to identify a suitable project. While the specifics of each project will vary, all will include in-depth research, analysis, and the creation of a professional written report. Student teams will be expected to develop an appropriate presentation of this product to the relevant stakeholders. The projects will be done by small groups and can have multiple dimensions. Students will have the opportunity to integrate various aspects of development such as economic development, public health, environmental sustainability, education and skills development, and citizen participation.

This program may be completed with a minor.

Use of 4xxx courses towards program requirements is not permitted.

A minimum GPA of 2.80 is required for students to remain in good standing.

At least 1 semesters must be completed before filing a Degree Program Form.

Required Core Courses

- AGRO 5321 - Ecology of Agricultural Systems (3.0 cr)
- MDP 5001 - Ways of Knowing and Sustainable Livelihoods (2.0 cr)
- MDP 5002 - Research Methods for Sustainable Livelihoods (4.0 cr)
- MDP 5003 - Field Study Pre-Departure Seminar (1.0 cr)
- MDP 5004 - International Field Experience (3.0 cr)
- MDP 5100 - International Field Seminar (1.0 cr)
- MDP 5200 - Capstone Workshop in Development Practice (3.0 cr)
- PA 5003 - Introduction to Financial Analysis and Management (1.5 cr)
- PA 5031 - Empirical Analysis I (4.0 cr)
- PA 5501 - Theories and Policies of Development (3.0 cr)
- PA 5503 - Economics of Development (3.0 cr)
- PA 5521 - Development Planning and Policy Analysis (4.0 cr)

Education Policy

- OLPD 5104 - Strategies for International Development of Education Systems (3.0 cr)
- or OLPD 5107 - Gender, Education, and International Development (3.0 cr)

Environmental Science

- GEOG 5401 - Geography of Environmental Systems and Global Change (4.0 cr)
- or GCC 5008 - Grand Challenge: Policy and Science of Global Environmental Change [ENV] (3.0 cr)

Leadership

- PA 5151 - Organizational Perspectives on Global Development & Humanitarian Assistance (3.0 cr)
- or PA 5405 - Public Policy Implementation (3.0 cr)

Public Health

- PUBH 6320 - Fundamentals of Epidemiology (3.0 cr)
- or PUBH 6134 - Sustainable Development and Global Public Health (2.0 cr)

Electives

Electives to bring total degree credits to at least 50. See www.hhh.umn.edu/degrees/mdp/ for further information.



Twin Cities Campus

Early Childhood Policy Postbaccalaureate Certificate

HHH Social Policy Academic Program

Hubert H. Humphrey School of Public Affairs

Link to a [list of faculty](#) for this program.

Contact Information:

Humphrey School of Public Affairs, 301 19th Avenue South, Minneapolis, MN 55455 (612-624-3800; fax 612-626-0002)

Email: hhadmit@umn.edu

Website: <http://www.hhh.umn.edu>

- Program Type: Post-baccalaureate credit certificate/licensure/endorsement
- Requirements for this program are current for Fall 2016
- Length of program in credits: 12
- This program does not require summer semesters for timely completion.
- Degree: Early Childhood Policy PBacc Cert

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The early childhood policy post-baccalaureate certificate gives students expertise in applying research-based knowledge to public policies affecting young children and the adults who care for them. In addition to completing coursework, students in the certificate program complete a capstone workshop or independent study focused on early childhood policy. These certificate components provide a vehicle for students to gain fundamental early childhood policy skills and knowledge and to foster connection between the University of Minnesota and the early childhood policy community. Students will have opportunities to participate in the work of the University of Minnesota's renowned Human Capital Research Collaborative.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

Other requirements to be completed before admission:

Admission to the certificate will be allowed in fall and spring semesters. Admission decisions will be made by a subcommittee of the faculty advisory group. A complete application will include a Graduate School application, personal statement, resume or C.V., and transcripts.

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 100
 - Paper Based - Total Score: 600
- IELTS
 - Total Score: 7

Key to [test abbreviations](#)(TOEFL, IELTS).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Use of 4xxx courses towards program requirements is not permitted.

A minimum GPA of 2.8 is required for students to remain in good standing.

The 12-credit certificate consists of one cornerstone course: PA5413/CPSY 5413 - Early Childhood and Public Policy (3 cr), one policy elective (3 cr), one open elective (3 cr), and a capstone workshop, professional paper, or independent study focused on early childhood



policy (PA 8081, 8082, 8921 or 8991). The certificate can be completed in two to four semesters.



Twin Cities Campus

Election Administration Postbaccalaureate Certificate

HHH Politics and Governance Academic Program

Hubert H. Humphrey School of Public Affairs

Link to a [list of faculty](#) for this program.

Contact Information:

Humphrey School of Public Affairs, 301 19th Avenue South, Minneapolis, MN 55455 (612-624-3800; fax 612-626-0002)

Email: hhadmit@umn.edu

Website: <http://www.hhh.umn.edu>

- Program Type: Post-baccalaureate credit certificate/licensure/endorsement
- Requirements for this program are current for Fall 2016
- Length of program in credits: 12
- This program does not require summer semesters for timely completion.
- Degree: Election Administration PBacc Certificate

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The Election Administration Post-baccalaureate certificate prepares students across the country for mid-career positions in election administration. Students will acquire and develop the skills and knowledge of election operations and procedures they need to serve as election staff or to further their existing careers in election administration. All courses are offered in an on-line format and include topics such as election law, election design, and voter participation.

Program Delivery

This program is available:

- completely online (all program coursework can be completed online)

Prerequisites for Admission

Other requirements to be completed before admission:

Admission to the certificate will be allowed in fall and spring semesters. Admission decisions will be made by a subcommittee of the faculty advisory group. The application must include a personal statement, resume or C.V., and transcripts.

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 100
 - Paper Based - Total Score: 600
- IELTS
 - Total Score: 7

Key to [test abbreviations](#)(TOEFL, IELTS).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Use of 4xxx courses towards program requirements is not permitted.

A minimum GPA of 2.8 is required for students to remain in good standing.

Core

[PA 5971](#) - Survey of Election Administration (3.0 cr)

[PA 5972](#) - Elections and the Law (3.0 cr)

[PA 5973](#) - Strategic Management of Election Administration (2.0 cr)

[PA 5974](#) - Election Administration Capstone Project (2.0 cr)

Electives



Take 2 or more credit(s) from the following:

- [PA 5975](#) - Election Design (2.0 cr)
- [PA 5976](#) - Voter Participation (1.0 cr)
- [PA 5977](#) - Public Budgeting for Election Administration (1.0 cr)
- [PA 5978](#) - Management of Organizations for Election Admin (1.0 cr)
- [PA 5979](#) - Communications for the Elections Administrator (1.0 cr)



Twin Cities Campus

Human Services Leadership Postbaccalaureate Certificate

HHH Leadership and Management Academic Program

Hubert H. Humphrey School of Public Affairs

Link to a [list of faculty](#) for this program.

Contact Information:

Hubert H. Humphrey School of Public Affairs, University of Minnesota, 301 19th Avenue South, Minneapolis, MN 55455 (612-624-3800; fax: 612-626-0002)

Email: hhadmit@umn.edu

Website: <http://www.hhh.umn.edu>

- Program Type: Post-baccalaureate credit certificate/licensure/endorsement
- Requirements for this program are current for Fall 2016
- Length of program in credits: 12
- This program does not require summer semesters for timely completion.
- N/A

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

Human service professionals face extraordinary challenges that require innovative thinking and an interdisciplinary approach. The certificate in human services leadership provides mid-career professionals knowledge and skills in leadership, public policy, and public service redesign for greater success plus increased potential for advancement to serve in mid- to senior-level leadership positions in county, state, and nonprofit agencies. Designed with input from industry leaders, the program is intended for working professionals involved in human service program development and delivery. The program allows students to complete a professional 12-credit graduate-level certificate that can serve as a stepping stone to the mid-career master of public affairs degree.

Accreditation

This program is accredited by N/A

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

A four-year bachelor's degree from an accredited US university or foreign equivalent at time of enrollment.

Special Application Requirements:

At least 8 years of post-baccalaureate professional work experience. Pre-baccalaureate experience may be considered for applicants with a significant gap between completion of high school and the bachelor's degree. Sufficient prior academic preparation as demonstrated in a four-year bachelor's degree. A complete application will include a University of Minnesota application, personal statement, resume or C.V., transcripts, TOEFL scores (if applicable), at least three letters of recommendation, and a diversity statement.

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 100
 - Internet Based - Listening Score: 25
 - Internet Based - Writing Score: 25
 - Internet Based - Reading Score: 25
 - Internet Based - Speaking Score: 25
 - Paper Based - Total Score: 600
- IELTS
 - Total Score: 7
- MN Batt



Key to [test abbreviations](#)(TOEFL, IELTS, MN Batt).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Use of 4xxx courses towards program requirements is not permitted.

A minimum GPA of 2.8 is required for students to remain in good standing.

At least 1 semesters must be completed before filing a Degree Program Form.

Required Coursework

Take PA 5xxx: Human-Centered Service Redesign (3 credits) and PA 5xxx Public Service Redesign Workshop (3 credits)

Elective Courses

Take 6 or more credit(s) from the following:

- [PA 5011](#) - Management of Organizations (3.0 cr)
- [PA 5105](#) - Integrative Leadership Seminar (3.0 cr)
- [PA 5112](#) - Public Budgeting (3.0 cr)
- [PA 5137](#) - Project Management in the Public Arena (3.0 cr)
- [PA 5145](#) - Civic Participation in Public Affairs (3.0 cr)
- [PA 5311](#) - Program Evaluation (3.0 cr)
- [PA 5405](#) - Public Policy Implementation (3.0 cr)
- [PA 5421](#) - Racial Inequality and Public Policy (3.0 cr)



Twin Cities Campus

Nonprofit Management Postbaccalaureate Certificate

HHH Administration

Hubert H. Humphrey School of Public Affairs

Link to a [list of faculty](#) for this program.

Contact Information:

Graduate Student Services, Hubert H. Humphrey School of Public Affairs, University of Minnesota, 301 19th Avenue South, Minneapolis, MN 55455 (612-624-3800; fax: 612-626-0002).

Email: [hhhadmit@umn.edu](mailto:hhadmit@umn.edu)

Website: <http://www.hhh.umn.edu>

- Program Type: Post-baccalaureate credit certificate/licensure/endorsement
- Requirements for this program are current for Fall 2016
- Length of program in credits: 13
- This program does not require summer semesters for timely completion.
- Degree: Nonprofit Management PBacc Cert

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The nonprofit management certificate program is designed for both current students and professionals who are employed in nonprofit organizations, especially persons who do not have a formal educational background in managing and leading a nonprofit organization. Students acquire knowledge and skills in effective leadership and management, organizational development, nonprofit governance, strategic planning, policy analysis, human resource development, finance, and fundraising. This program offers a wide array of elective courses appropriate to a broad range of nonprofit settings.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

A bachelor's degree from an accredited institution.

Other requirements to be completed before admission:

2 or more years experience as paid or volunteer staff member with nonprofit organizations.

Special Application Requirements:

A complete application will include a University of Minnesota application, personal statement, resume or C.V., and transcripts.

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 100
 - Paper Based - Total Score: 600
- IELTS
 - Total Score: 7

Key to [test abbreviations](#)(TOEFL, IELTS).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Use of 4xxx courses towards program requirements is not permitted.

A minimum GPA of 2.80 is required for students to remain in good standing.



13 credits of coursework are required, including 7.5 credits of required courses. Required courses must be taken for a letter grade.

In consultation with the faculty adviser, remaining elective credits are chosen to meet the student's individual goals and interests.

Required Core Courses (7.5 credits)

[PA 5003](#) - Introduction to Financial Analysis and Management (1.5 cr)

[PA 5251](#) - Strategic Planning and Management (3.0 cr)

[PA 5101](#) - Management and Governance of Nonprofit Organizations (3.0 cr)



Twin Cities Campus

Policy Issues on Work and Pay Postbaccalaureate Certificate

HHH Administration

Hubert H. Humphrey School of Public Affairs

Link to a [list of faculty](#) for this program.

Contact Information:

Graduate Student Services, Hubert H. Humphrey School of Public Affairs, University of Minnesota, 301 19th Ave S, Minneapolis, MN 55455 (612-624-3800; fax: 612-626-0002)

Email: hhadmit@umn.edu

Website: <http://www.hhh.umn.edu>

- Program Type: Post-baccalaureate credit certificate/licensure/endorsement
- Requirements for this program are current for Fall 2016
- Length of program in credits: 15
- This program does not require summer semesters for timely completion.
- Degree: Policy Issues on Work and Pay PBacc Cert

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The Policy Issues in Work and Pay certificate provides an understanding of, and the ability to evaluate and develop, federal, state, and local policies that affect the employment relationship. Students learn about the role of government in the employment relationship, including statutes, and how employers, unions, and the government interpret and utilize policies. Core courses are drawn from the Humphrey School of Public Affairs as well as the Center for Human Resources and Labor Studies in the Carlson School of Management, with auxiliary courses in law, history, sociology, and applied economics.

The certificate consists of at least 15 credits. Students complete 10 elective credits that allow them to focus on the area of public policy that is most relevant to their professional and educational goals and needs. Some elective courses require prerequisites, which do not count toward the certificate.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

Mathematics courses at least through algebra; a one-semester course in microeconomics.

Special Application Requirements:

A complete application will include a Graduate School application, personal statement, resume or C.V., transcripts, and a diversity statement.

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 100
 - Paper Based - Total Score: 600
- IELTS
 - Total Score: 7

Key to [test abbreviations](#)(TOEFL, IELTS).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.



Program Requirements

Use of 4xxx courses towards program requirements is not permitted.

A minimum GPA of 2.80 is required for students to remain in good standing.

At least 1 semesters must be completed before filing a Degree Program Form.

Required Core Courses (5 credits)

[PA 5431](#) - Public Policies on Work and Pay (3.0 cr)

Note: Only the section of PA 5022 specifically titled Economics of Social Insurance Programs (3 cr) will count toward the certificate.

[HRIR 5654](#) - Public Policies on Employee Benefits: Social Safety Nets (2.0 cr)

or [PA 5022](#) - Economics For Policy Analysis and Planning II (1.5 - 3.0 cr)

Elective Courses (minimum of 10 credits)

Note: HRIR 5000: Topic of section must cover public policies.

Take 3 - 5 course(s) totaling 10 or more credit(s) from the following:

- [HRIR 5000](#) - Topics in Human Resources and Industrial Relations (2.0 cr)
- [HRIR 5222](#) - Managing Diversity (2.0 cr)
- [HRIR 5252](#) - Employment and Labor Law for the HRIR Professional (2.0 cr)
- [HRIR 6701](#) - Labor Relations and Collective Bargaining (4.0 cr)
- [PA 5401](#) - Poverty, Inequality, and Public Policy (3.0 cr)
- [PA 8386](#) - Research Methods in Public Policy (2.0 cr)
- [LAW 6203](#) - Labor Law (2.0 cr)
- [LAW 6625](#) - Disability in the Workplace (3.0 cr)
- [LAW 6631](#) - Employment Discrimination (3.0 cr)
- [LAW 6632](#) - Employment Law (3.0 cr)
- [LAW 6833](#) - Alternative Dispute Resolution (2.0 - 3.0 cr)
- [APEC 5511](#) - Labor Economics (3.0 cr)
- [SOC 8421](#) - Work and Occupations (3.0 cr)



Twin Cities Campus

Public Affairs Leadership Postbaccalaureate Certificate

HHH Administration

Hubert H. Humphrey School of Public Affairs

Link to a [list of faculty](#) for this program.

Contact Information:

Hubert H. Humphrey School of Public Affairs, University of Minnesota, 301 19th Avenue South, Minneapolis, MN 55455 (612-624-3800; fax: 612-626-0002)

Email: hhadmit@umn.edu

Website: <http://www.hhh.umn.edu>

- Program Type: Post-baccalaureate credit certificate/licensure/endorsement
- Requirements for this program are current for Fall 2016
- Length of program in credits: 12
- This program does not require summer semesters for timely completion.
- Degree: Public Affairs Leadership PBac Certificate

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The Certificate in Public Affairs Leadership offers mid-career professionals specific knowledge and skills in leadership, management, public policy, and analysis to succeed in today's challenging environment. Intended for working professionals, the program allows students to complete a professional certificate in an integrative cohort format in nine months. The certificate stands on its own or can be a stepping stone to the mid-career Master of Public Affairs degree. The Certificate in Public Affairs Leadership is offered in a unique combination of on campus and online sessions, making it convenient for students from outside of the Twin Cities area to participate. The program starts with an intensive, introductory week in August, followed by monthly Friday-Saturday meetings from September to May. This cohort approach combines the intensity and depth of in-person instruction paired with the convenience of online coursework.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

A four-year bachelor's degree from an accredited U.S. university or foreign equivalent at time of enrollment is required.

Other requirements to be completed before admission:

At least 10 years of post-baccalaureate professional work experience is preferred and highly recommended. Pre-baccalaureate experience may be considered for applicants with a significant gap between completion of high school and the bachelor's degree. Sufficient prior academic preparation as demonstrated in a four-year bachelor's degree.

A complete application will include a University of Minnesota application, personal statement, resume or C.V., transcripts, TOEFL scores (when applicable), at least three letters of recommendation, and a diversity statement.

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 100
 - Paper Based - Total Score: 600
- IELTS
 - Total Score: 7

Key to [test abbreviations](#)(TOEFL, IELTS).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.



Program Requirements

Use of 4xxx courses towards program requirements is not permitted.

A minimum GPA of 2.80 is required for students to remain in good standing.

Required Courses

- [PA 5051](#) - Cohort Leadership I (2.0 cr)
- [PA 5052](#) - Cohort Leadership II (2.0 cr)
- [PA 5053](#) - Cohort Policy & Program Analysis I (2.0 cr)
- [PA 5054](#) - Cohort Policy & Program Analysis II (2.0 cr)
- [PA 5055](#) - Cohort Analytics I (2.0 cr)
- [PA 5056](#) - Cohort Analytics II (2.0 cr)



Twin Cities Campus

Public Affairs M.P.A.

HHH Administration

Hubert H. Humphrey School of Public Affairs

Link to a [list of faculty](#) for this program.

Contact Information:

Hubert H. Humphrey School of Public Affairs, University of Minnesota, 301 19th Avenue S, Minneapolis, MN 55455 (612-624-3800; fax: 612-626-0002)

Email: hhadmit@umn.edu

Website: <http://www.hhh.umn.edu>

- Program Type: Master's
- Requirements for this program are current for Fall 2016
- Length of program in credits: 30
- This program does not require summer semesters for timely completion.
- Degree: Master of Public Affairs

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The master of public affairs (MPA) is intended for mid-career professionals, and prepares them for public leadership and policy making. The program is typically completed in two to three years of part-time enrollment. The program can be completed in one calendar year (fall, spring, summer semesters) by attending full-time. Courses in a self-designed concentration provide a knowledge base and skills to achieve career goals. Concentration courses can be from Public Affairs and from the 150+ graduate programs across the University of Minnesota. Required courses in this degree are taken in a cohort format. The cohort meets on campus one full week in August, one Friday/Saturday each month (September-May), and online throughout the year.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

A four-year bachelor's degree from an accredited US university or foreign equivalent at time of enrollment.

Special Application Requirements:

At least 10 years of post-baccalaureate professional work experience is preferred and highly recommended. Pre-baccalaureate experience may be considered for applicants with a significant gap between completion of high school and the bachelor's degree. Sufficient prior academic preparation as demonstrated in a four-year bachelor's degree. A complete application will include a University of Minnesota application, personal statement, resume or C.V., transcripts, TOEFL scores (if applicable), at least three letters of recommendation, and an optional diversity statement.

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 100
 - Paper Based - Total Score: 600
- IELTS
 - Total Score: 7

Key to [test abbreviations](#)(TOEFL, IELTS).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Plan C: Plan C requires 30 major credits and up to null credits outside the major. There is no final exam. A capstone project is required.



Capstone Project: The capstone project is designed to provide a learning opportunity for students to apply their knowledge through a client-based team project. The workshop includes a written report for the client, an oral presentation to the client that summarizes the major findings of the report, and reflection paper on the workshop experience.

This program may be completed with a minor.

Use of 4xxx courses towards program requirements is not permitted.

A minimum GPA of 2.80 is required for students to remain in good standing.

At least 1 semesters must be completed before filing a Degree Program Form.

Required Core Courses (12 credits)

- PA 5051 - Cohort Leadership I (2.0 cr)
- PA 5052 - Cohort Leadership II (2.0 cr)
- PA 5053 - Cohort Policy & Program Analysis I (2.0 cr)
- PA 5054 - Cohort Policy & Program Analysis II (2.0 cr)
- PA 5055 - Cohort Analytics I (2.0 cr)
- PA 5056 - Cohort Analytics II (2.0 cr)

Capstone Project

- PA 5080 - Capstone Preparation Workshop (1.0 cr)
- PA 8081 - Capstone Workshop (3.0 cr)

Remaining Credits (14)

MPA students self-design a concentration, choosing from a wide variety of classes, including skills courses in management, analysis, and planning; and courses in such areas as global policy; social policy; economic and community development; science, technology, and environmental policy; and urban and regional policy and planning.



Twin Cities Campus

Public Affairs, Ph.D.

HHH Administration

Hubert H. Humphrey School of Public Affairs

Link to a [list of faculty](#) for this program.

Contact Information:

Hubert H. Humphrey School of Public Affairs, University of Minnesota, 301 19th Avenue S, Minneapolis, MN 55455 (612-624-3800; fax: 612-626-0002)

Email: hhphd@umn.edu

Website: <http://www.hhh.umn.edu/degrees/phd/>

- Program Type: Doctorate
- Requirements for this program are current for Fall 2016
- Length of program in credits: 63
- This program does not require summer semesters for timely completion.
- Degree: Doctor of Philosophy

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The doctor of philosophy (PhD) in public affairs offers students opportunities for rigorous, advanced study in the areas of public affairs, policy analysis, and planning. The goal of the PhD program is to train researchers who will enter academia or join highly respected public or nonprofit institutions involved in cutting edge research in public affairs, policy, planning, and management. Successful applicants to the program will be clear about the research they wish to undertake and why they think the Humphrey School is the best place to do that research. Students are expected to make original theoretical, methodological, or substantive contributions in the area of their specialization (sub-plans). Sub-plans are offered in public policy; urban planning; management and government; and science, technology, and environmental policy. Students will be expected to complete the degree program within five years.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.50.

Other requirements to be completed before admission:

The general requirement is the capability to pursue PhD-level work. Typically, an applicant should have an academic record from a recognized college that includes undergraduate coursework in microeconomics and mathematics (either calculus, statistics, or algebra).

Special Application Requirements:

A complete application will include a U of MN graduate application, a personal statement that includes motivation for pursuing doctoral studies, a resume or C.V., transcripts, GRE scores, a writing sample, TOEFL scores (if applicable), and at least three letters of recommendation.

Applicants must submit their test score(s) from the following:

- GRE

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 100
 - Paper Based - Total Score: 600
- IELTS
 - Total Score: 7

The preferred English language test is Test of English as Foreign Language

Key to [test abbreviations](#)(GRE, TOEFL, IELTS).



For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

39 credits are required in the major.
24 thesis credits are required.

This program may be completed with a minor.

Use of 4xxx courses towards program requirements is not permitted.

A minimum GPA of 3.0 is required for students to remain in good standing.

At least 1 semesters must be completed before filing a Degree Program Form.

Practical teaching experience: Each candidate must complete training in pedagogy, and a teaching experience as a course instructor or teaching assistant (TA) with instructional responsibilities. The pedagogical training may take place prior to or concurrent with the teaching experience. Evidence of English-speaking proficiency is required prior to the teaching experience.

Dissertation requirement: Each candidate must complete original academic research and fulfill a dissertation requirement by completing either an academic thesis or three related academic papers that are judged by the student's committee to be of publishable quality.

Integrative Seminars

[PA 8003](#) - Integrative Doctoral Seminar in Public Affairs I (3.0 cr)

[PA 8004](#) - Integrative Doctoral Seminar in Public Affairs II (3.0 cr)

Research Seminar

[PA 8005](#) - Doctoral Research Seminar in Public Affairs (3.0 cr)

Research Methods

Minimum of 12 credits in research methods, including at least one course each in: research design, quantitative methods, and qualitative methods. Courses are chosen in consultation with advisor based on student's background and research interests.

Academic Sub-plan

Students are required to complete one of four sub-plans consisting of a minimum of 18 credits, as described below. Sub-plans offer students the opportunity for advanced, rigorous study in the theory, methods, and practice in their field.

Doctoral thesis credits

Students must register for at least 24 doctoral thesis credits.

Program Sub-plans

Students are required to complete one of the following sub-plans.
Students may not complete the program with more than one sub-plan.

Management and Governance

Required Courses

[PA 8106](#) - Research Seminar in Management, Leadership & Governance (3.0 cr)

[PA 5012](#) - The Politics of Public Affairs (3.0 cr)

Electives

12 credits in the area of public and nonprofit leadership and management. Courses are chosen in consultation with advisor based on student's background and research interests.

Public Policy

The public policy sub-plan is a self-designed set of topic-based courses (minimum 18 credits) determined by the student and advisor with the consent of the other faculty in the sub-plan area.

Science, Technology, and Environmental Policy

PA 8706 or PA 5711

[PA 8706](#) - Interdisciplinary Research Seminar on Science, Technology, and Environmental Policy (3.0 cr)



or [PA 5711](#) - Science, Technology & Environmental Policy (3.0 cr)

PA 8707 or PA 5752

[PA 8707](#) - Interdisciplinary Sustainability Systems Research Seminar (3.0 cr)

or [PA 5752](#) - Material-Energy Flows for a Sustainable Society (3.0 cr)

Focus Area

One focus area course (at least 3 credits) covering topics such as:

- Energy and environmental policy
 - Urban infrastructure and sustainable cities
 - Water policy
 - Emerging technologies and society
- Courses offered in U of M departments that are related to focus area

Environmental and Sustainability Systems

One course (at least 3 credits) providing depth in environmental and sustainability systems, such as:

- Health & well-being, environmental psychology
 - Climate, environment and eco-system studies
 - Environmental economics, applied economics
 - Industrial ecology
 - Models, scenarios, risk, uncertainty, decision analysis
- Courses offered in U of M departments related to environment/sustainability systems
- Examples are available from faculty advisors.

Policy Process and Implementation

One course (at least 3 credits) providing depth in policy process and implementation, covering topics such as:

- Law, regulations, science and innovation policy
 - Politics of public affairs
 - Urban environmental planning
 - Leadership and management
 - Global policy
 - Public finance, budgeting
 - Policy implementation and evaluation
- Courses offered in U of M departments related to policy process and implementation
- Examples are available from faculty advisors.

Additional course (at least 3 credits) in consultation with faculty advisor

Professional training and seminars

Strongly recommended: Participation in seminars and professional trainings covering leadership, public communication, international and intercultural experiences, effective teaching, such as those offered at the Institute on the Environment and to include [PA 8931](#), [PA 8932](#), and [PA 8933](#) (professional skills courses for PhD/public affairs students).

[PA 8931](#) - PhD Public Affairs Professional Skills I (1.0 cr)

[PA 8932](#) - PhD Public Affairs Professional Skills II (1.0 cr)

[PA 8933](#) - PhD Public Affairs Professional Skills III (1.0 cr)

Urban Planning

Required Courses

[PA 8206](#) - Planning Theory (3.0 cr)

[PA 5204](#) - Urban Spatial and Social Dynamics (3.0 cr)

Urban Planning Electives

Four additional courses, for at least 12 credits, to be determined by student and advisor. Students must demonstrate proficiency in GIS.



Twin Cities Campus

Public Policy M.P.P.

HHH Administration

Hubert H. Humphrey School of Public Affairs

Link to a [list of faculty](#) for this program.

Contact Information:

Hubert H. Humphrey School of Public Affairs, University of Minnesota, 301 19th Avenue South, Minneapolis, MN 55455 (612-624-3800; fax: 612-626-0002)

Email: hhhadmit@umn.edu

Website: <http://www.hhh.umn.edu>

- Program Type: Master's
- Requirements for this program are current for Fall 2016
- Length of program in credits: 45
- This program does not require summer semesters for timely completion.
- Degree: Master of Public Policy

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The master of public policy (MPP) curriculum is built upon a core of required theoretical and methodological courses. In remaining courses, students choose either to emphasize more advanced study of analysis or management, or to focus on a particular substantive area of public policy. Structured concentrations include advanced policy analysis methods; economic and community development; gender and public policy; global public policy; human rights; politics and governance; public and nonprofit leadership and management; science, technology, and environmental policy; and social policy. Students have multiple opportunities to apply the concepts learned in their coursework to real-life policy problems, including cases presented in courses, their internships, and workshops. Dual degrees include MPP/master of business administration; MPP/juris doctor; MPP/master of public health; and MPP/master of social work.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

A four-year bachelor's degree from an accredited US university or foreign equivalent at time of enrollment.

Other requirements to be completed before admission:

While no specific experience or academic pathway is required, students with a strong liberal education background and sound quantitative and analytical skills will be best prepared for academic success at the Humphrey School of Public Affairs.

Previous coursework in mathematics, statistics, and economics is recommended. Past applicants needing to strengthen this part of their skill set have found courses in introductory microeconomics, college algebra, and introductory statistics to be helpful preparation.

Special Application Requirements:

A complete application will include a University of Minnesota application, personal statement, resume or C.V., transcripts, GRE scores, TOEFL scores (if applicable), at least three letters of recommendation, and an optional diversity statement.

Applicants must submit their test score(s) from the following:

- GRE

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 100
 - Paper Based - Total Score: 600
- IELTS
 - Total Score: 7

Key to [test abbreviations](#)(GRE, TOEFL, IELTS).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the



catalog website.

Program Requirements

Plan C: Plan C requires 45 major credits and 0 credits outside the major. There is no final exam.

This program may be completed with a minor.

Use of 4xxx courses towards program requirements is not permitted.

A minimum GPA of 2.80 is required for students to remain in good standing.

At least 1 semester must be completed before filing a Degree Program Form.

Core

- PA 5011 - Management of Organizations (3.0 cr)
- PA 5012 - The Politics of Public Affairs (3.0 cr)
- PA 5021 - Economics For Policy Analysis and Planning I (3.0 cr)
- PA 5031 - Empirical Analysis I (4.0 cr)
- PA 5002 - Introduction to Policy Analysis (1.5 cr)
- PA 5003 - Introduction to Financial Analysis and Management (1.5 cr)

Economics

Take 3 or more credit(s) from the following:

- PA 5022 - Economics For Policy Analysis and Planning II (1.5 - 3.0 cr)
- PA 5431 - Public Policies on Work and Pay (3.0 cr)
- PA 5503 - Economics of Development (3.0 cr)
- PA 5521 - Development Planning and Policy Analysis (4.0 cr)
- PA 5805 - Global Economics (3.0 cr)

Methods

- PA 5032 - Regression Analysis (2.0 cr)
or PA 5044 - Regression Analysis, Accelerated (2.0 cr)
- PA 5033 - Multivariate Techniques (2.0 cr)
or PA 5041 - Qualitative Methods for Policy Analysts (4.0 cr)

Concentration: 9-12 credits

Global policy concentration requires 12 credits. All other concentrations require 9 credits.

Professional Paper

Professional paper through a capstone workshop, working group, or master's: professional paper (individual option).

- PA 8081 - Capstone Workshop (3.0 cr)
or PA 8082 - Working Group (3.0 cr)
or PA 8921 - Master's: Professional Paper (Individual Option) (1.0 - 3.0 cr)

Electives

Electives to bring total credits to 45.

Joint- or Dual-degree Coursework: This program offers options for four dual degrees. Each dual degree option within the MPP allows for a different number of credits in common between the two programs: MPP/MBA: 24 credits in common allowed; MPP/JD: 29 credits in common allowed; MPP/MPH - Public Health Practice: 26 credits in common allowed; MPP/MSW: 21 credits in common allowed for full program, 15 for advanced standing, 11 for direct practice. In addition, an accelerated bachelor's/master's (BA/MPP in Political Engagement) is available to University of Minnesota Political Science undergraduate students.

Program Sub-plans

A sub-plan is not required for this program.

Students may not complete the program with more than one sub-plan.

Political Engagement

This sub-plan is limited to students completing the program under Plan C.



The College of Liberal Arts and the Humphrey School of Public Affairs offer an early-admission opportunity for eligible University of Minnesota Political Science BA students also interested in completing the master's in public policy (MPP). The MPP's political engagement sub-plan enables political science majors to take 13 MPP credits during their senior (fourth) year, and to complete the MPP after a fifth year of full-time graduate study plus one summer.

Interested political science undergraduates should contact the Department of Political Science advisor for more information. The MPP/political engagement sub-plan application deadline is December 15 of the student's junior year, and admission to the MPP/political engagement sub-plan is contingent on a formal admissions process.

Students admitted to the MPP/political engagement sub-plan must maintain timely degree progress to ensure all undergraduate degree requirements are completed by the end of their fourth year.

The MPP's political engagement sub-plan is open to political science undergraduates only. Double majors may apply, but only if they choose to complete the senior project requirement in political science.

In addition to master's of public policy degree requirements*, students in the political engagement sub-plan will take:

Political Engagement (POL 5005, 4 credits)

Methods: at least 3 credits beyond PA 5031: Empirical Analysis; chosen from a slate of PA and POL methods courses.

Electives: 15 credits relevant to Political Engagement sub-plan. May be chosen from PA or POL. At least 8 credits must be 8xxx POL. Satisfies MPP concentration requirement.

Outside electives: 3 credits from outside POL or PA. Number of outside electives may be increased or reduced, in consultation with director of graduate studies.

Research for Mentorship Placement: 1 credit directed reading with advisor

Mentorship placement: PA 8991 (3 credits)

Professional paper: PA 8081, PA 8082, or PA 8921 (3 credits)

(*Political Engagement students are not required to take PA 5012 and PA 5022. They are required to take only 3 credits of methods courses beyond PA 5031.)



Twin Cities Campus

Public Policy Minor

HHH Administration

Hubert H. Humphrey School of Public Affairs

Link to a [list of faculty](#) for this program.

Contact Information:

Student Services, Hubert H. Humphrey School of Public Affairs, University of Minnesota, 301 19th Avenue South, Minneapolis, MN 55455 (612-624-3800; fax: 612-626-0002)

Email: hhadmit@umn.edu

Website: <http://www.hhh.umn.edu>

- Program Type: Graduate minor related to major
- Requirements for this program are current for Fall 2016
- Length of program in credits (Masters): 9
- Length of program in credits (Doctorate): 12
- This program does not require summer semesters for timely completion.

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The public policy curriculum is built upon a core of required theoretical and methodological courses. In coursework, students study policy analysis or management or focus on a substantive area of public policy. Substantive areas include advanced policy analysis methods; economic and community development; global public policy; human rights; politics and governance; public and nonprofit leadership and management; public finance and budgeting; science, technology, and environmental policy; social policy; and gender and public policy. Students have multiple opportunities to apply the concepts learned to real-life policy problems.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Use of 4xxx courses towards program requirements is not permitted.

Specific coursework for the minor is chosen in consultation with the student's minor advisor or the public policy director of graduate studies. Students are required to take a minimum of three credits from the public policy MPP curriculum. Up to 3 credits may be taken on an S/N grade basis. All other courses must be completed with grades of B or better.

Program Sub-plans

Students are required to complete one of the following sub-plans.

Students may not complete the program with more than one sub-plan.

Masters

Required Coursework

Students pursuing the master's-level minor must complete 9 credits from the following:

PA 5xxx

PA 8xxx

Doctoral

Required Coursework

Students pursuing the doctoral-level minor must complete at least 12 credits from the following:

PA 5xxx



PA 8xxx



Twin Cities Campus

Science, Technology, and Environmental Policy M.S.

HHH Administration

Hubert H. Humphrey School of Public Affairs

Link to a [list of faculty](#) for this program.

Contact Information:

Hubert H. Humphrey School of Public Affairs, University of Minnesota, 301 19th Avenue South, Minneapolis, MN 55455 (612-624-3800; fax: 612-626-0002)

Email: hhadmit@umn.edu

Website: <http://www.hhh.umn.edu>

- Program Type: Master's
- Requirements for this program are current for Fall 2016
- Length of program in credits: 36
- This program does not require summer semesters for timely completion.
- Degree: Master of Science

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The MS in science, technology, and environmental policy (STEP) provides students with an understanding of the role of science and technology in society, including food and agriculture, the economy, energy and the environment, security, health, and education; the impact of science and technology on the political and economic relationships within and among nations; and the analysis and design of policies for appropriate promotion and regulation of science and technology regionally, nationally, and internationally. The program educates students with natural and social science backgrounds to assume roles in public policy development.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

A four-year bachelor's degree from an accredited US university or foreign equivalent at time of enrollment.

Other requirements to be completed before admission:

While no specific experience or academic pathway is required, students with a strong liberal education background and sound quantitative and analytical skills will be best prepared for academic success at the Humphrey School of Public Affairs.

Previous coursework in mathematics, statistics, and economics is recommended. Past applicants needing to strengthen this part of their skill set have found courses in introductory microeconomics, college algebra, and introductory statistics to be helpful preparation.

Applicants applying to the MS-STEP program should have completed a degree or taken advanced level coursework in the natural or engineering sciences prior to the date of their planned enrollment.

Special Application Requirements:

A complete application will include a University of Minnesota application, personal statement, resume or C.V., transcripts, GRE scores, TOEFL scores (if applicable), at least three letters of recommendation, and an optional diversity statement.

Applicants must submit their test score(s) from the following:

- GRE

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 100
 - Paper Based - Total Score: 600
- IELTS
 - Total Score: 7



Key to [test abbreviations](#)(GRE, TOEFL, IELTS).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Plan A: Plan A requires 26 major credits, 0 credits outside the major, and 10 thesis credits. The final exam is oral.

Plan C: Plan C requires 36 major credits and up to null credits outside the major. There is no final exam.

This program may be completed with a minor.

Use of 4xxx courses towards program requirements is not permitted.

A minimum GPA of 2.80 is required for students to remain in good standing.

At least 1 semester must be completed before filing a Degree Program Form.

Students should take 6 credits to complement their previous training: appropriate courses in natural or engineering science or its history or philosophy for those with social science backgrounds; appropriate courses in the social sciences for those with natural or engineering science backgrounds.

Elective credits are chosen in consultation with the student's advisor.

Students who have not taken prior coursework in statistics must demonstrate to their advisors that they have adequate preparation in statistics or must take Empirical Analysis I (PA 5031). PA 5031 does not count toward fulfilling the 36-credit minimum requirement.

Required Core Courses

- PA 5002 - Introduction to Policy Analysis (1.5 cr)
- PA 5012 - The Politics of Public Affairs (3.0 cr)
- PA 5021 - Economics For Policy Analysis and Planning I (3.0 cr)
- PA 5711 - Science, Technology & Environmental Policy (3.0 cr)
- PA 5715 - Survey of Current Issues in Science, Technology, and Environmental Policy (1.5 cr)
- PA 5741 - Risk, Resilience and Decision Making (1.5 cr)
- PA 5722 - Environmental and Resource Economics Policy (3.0 cr)
 - or PA 5752 - Material-Energy Flows for a Sustainable Society (3.0 cr)
 - or APEC 5721 - Economics of Science and Technology Policy (3.0 cr)
- PA 5712 - Science to Action: All Paths (1.5 cr)
 - or PA 5742 - Interdisciplinary Environmental Study: Practice and Design (1.5 cr)

Additional Required Course

Take one of the following courses:

- PA 5723 - Water Policy (3.0 cr)
- or PA 5721 - Energy and Environmental Policy (3.0 cr)
- or PA 5731 - Emerging Technologies and Society (3.0 cr)
- or PA 5751 - Urban Infrastructure Systems for Sustainable and Healthy Cities (3.0 cr)

Methods Courses

Take two of the following courses:

- PA 5032 - Regression Analysis (2.0 cr)
 - or PA 5044 - Regression Analysis, Accelerated (2.0 cr)
- PA 5033 - Multivariate Techniques (2.0 cr)
 - or PA 5041 - Qualitative Methods for Policy Analysts (4.0 cr)

Electives

Electives to bring total credits to at least 36, in consultation with the advisor.

Plan Options

Plan A Requirements



Take 10 master's thesis credits.

[PA 8777](#) - Thesis Credits: Master's (1.0 - 18.0 cr)

-OR-

Plan C Requirements

Take one of the following courses:

[PA 8081](#) - Capstone Workshop (3.0 cr)

[PA 8082](#) - Working Group (3.0 cr)

[PA 8921](#) - Master's: Professional Paper (Individual Option) (1.0 - 3.0 cr)

Joint- or Dual-degree Coursework:MS-STEP/JD (Joint Degree Program in Law, Health, and the Life Sciences) Student may take a total of 24 credits in common among the academic programs.



Twin Cities Campus

Science, Technology, and Environmental Policy Minor

HHH Administration

Hubert H. Humphrey School of Public Affairs

Link to a [list of faculty](#) for this program.

Contact Information:

Student Services, Hubert H. Humphrey School of Public Affairs, University of Minnesota, 301 19th Avenue South, Minneapolis, MN 55455 (612-624-3800; fax: 612-626-0002)

- Program Type: Graduate minor related to major
- Requirements for this program are current for Fall 2016
- Length of program in credits (Masters): 9
- Length of program in credits (Doctorate): 12
- This program does not require summer semesters for timely completion.

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The minor in science, technology, and environmental policy provides students with an understanding of the role of science and technology in society, including food and agriculture, the economy, energy and the environment, security, health, and education; the impact of science and technology on the political and economic relationships within and among nations; and the analysis and design of policies for appropriate promotion and regulation of science and technology regionally, nationally, and internationally.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Use of 4xxx courses towards program requirements is not permitted.

The minor in science, technology, and environmental policy consists of graduate-level public affairs (PA) courses. Up to 3 credits may be taken on an S/N grade basis. All other courses must be completed with grades of B or better. Specific coursework is chosen in consultation with the student's minor adviser or director of graduate studies. Students are required to take a minimum of three credits from those required in the M.S.-STEP degree program.



Twin Cities Campus

Urban and Regional Planning M.U.R.P.

HHH Administration

Hubert H. Humphrey School of Public Affairs

Link to a [list of faculty](#) for this program.

Contact Information:

Student Services, Hubert H. Humphrey School of Public Affairs, University of Minnesota, 301 19th Avenue South, Minneapolis, MN 55455 (612-624-3800; fax 612-626-0002)

Email: [hhhadmit@umn.edu](mailto:hhadmit@umn.edu)

Website: <http://www.hhh.umn.edu>

- Program Type: Master's
- Requirements for this program are current for Fall 2016
- Length of program in credits: 48
- This program does not require summer semesters for timely completion.
- Degree: Master of Urban and Regional Planning

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The master of urban and regional planning (MURP) degree is an interdisciplinary program that prepares students to analyze, forecast, design, and implement plans for regions, communities, and neighborhoods. Students develop a comprehensive understanding of the built environment (land use, transportation, housing, regional economies) and the ability to mediate among competing interests. They are prepared for jobs in public, nonprofit, and private sectors. Students can generally complete the MURP degree in two years of full-time study.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

A four-year bachelor's degree from an accredited U.S. university or foreign equivalent at time of enrollment.

Other requirements to be completed before admission:

While no specific experience or academic pathway is required, students with a strong liberal education background and sound quantitative and analytical skills will be best prepared for academic success at the Humphrey School of Public Affairs.

Previous coursework in mathematics, statistics, and economics is recommended. Past applicants needing to strengthen this part of their skill set have found courses in introductory microeconomics, college algebra, and introductory statistics to be helpful preparation.

Special Application Requirements:

A complete application will include a University of Minnesota graduate application, personal statement, resume or C.V., transcripts, GRE scores, TOEFL scores (if applicable), at least three letters of recommendation, and an optional diversity statement.

Applicants must submit their test score(s) from the following:

- GRE

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 100
 - Paper Based - Total Score: 600
- IELTS
 - Total Score: 7

Key to [test abbreviations](#)(GRE, TOEFL, IELTS).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.



Program Requirements

Plan A: Plan A requires 38 major credits, 0 credits outside the major, and 10 thesis credits. The final exam is oral.

Plan C: Plan C requires 48 major credits and up to null credits outside the major. There is no final exam.

This program may be completed with a minor.

Use of 4xxx courses towards program requirements is not permitted.

A minimum GPA of 2.80 is required for students to remain in good standing.

At least 1 semester must be completed before filing a Degree Program Form.

A 400-hour professional internship is required. MURP students must demonstrate competence with GIS through coursework or work experience. (Students not competent in GIS must take a graduate-level GIS course as part of their 48 credits.)

Required Core Courses

[PA 5004](#) - Introduction to Planning (3.0 cr)

[PA 5013](#) - Law and Urban Land Use (1.5 cr)

[PA 5031](#) - Empirical Analysis I (4.0 cr)

[PA 5042](#) - Urban and Regional Economics (2.0 cr)

[PA 5043](#) - Economic and Demographic Data Analysis (2.0 cr)

[PA 5204](#) - Urban Spatial and Social Dynamics (3.0 cr)

[PA 5211](#) - Land Use Planning (3.0 cr)

[PA 5253](#) - Designing Planning and Participation Processes (3.0 cr)

[PA 8081](#) - Capstone Workshop (3.0 cr)

Plan Options

Plan A Requirements

Plan A students must complete at least 38 course credits, which will include the core courses, at least 6 credits from one of four concentration areas, and electives. Plan A students also must take at least 10 master's thesis credits.

Concentration Requirement

Take at least 6 credits from one of the following concentration areas: Environmental Planning; Housing and Community Development; Land Use and Urban Design; or Transportation Planning.

Electives

Take elective courses as needed to meet the 38-credit requirement for coursework.

Thesis Credits

Take 10 master's thesis credits.

[PA 8777](#) - Thesis Credits: Master's (1.0 - 18.0 cr)

-OR-

Plan C Requirements

Plan C students must complete at least 48 course credits, which will include the core courses, at least 12 credits from one of four concentration areas, and electives.

Concentration Requirement

Take at least 12 credits from one of the following concentration areas: environmental planning; housing and community development; land use and urban design; or transportation planning.

Electives

Take elective courses as needed to meet the 48-credit requirement.

Joint- or Dual-degree Coursework: MURP/JD: 29 credits in common allowed. MURP/MLA: 37 credits in common allowed.

MURP/MPH: 26 credits in common allowed. MURP/MSCE: 18 credits in common allowed. MURP/MSW: 21 credits in common allowed for the full program; 15 for the advanced standing program; and 11 for MSW Direct Practice.



Twin Cities Campus

Urban and Regional Planning Minor

HHH Administration

Hubert H. Humphrey School of Public Affairs

Link to a [list of faculty](#) for this program.

Contact Information:

Student Services, Hubert H. Humphrey School of Public Affairs, University of Minnesota, 301 19th Avenue South, Minneapolis, MN 55455 (612-624-3800; fax: 612-626-0002)

Email: [hhhadmit@umn.edu](mailto:hhadmit@umn.edu)

Website: <http://www.hhh.umn.edu>

- Program Type: Graduate minor related to major
- Requirements for this program are current for Fall 2016
- Length of program in credits (Masters): 9
- Length of program in credits (Doctorate): 12
- This program does not require summer semesters for timely completion.

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

Planners bring together knowledge and expertise from many diverse disciplines to shape neighborhoods, cities, and regions. The urban and regional planning minor helps students to think across those fields of expertise and act upon links among environmental systems, infrastructure development, and housing and community development. The program teaches technical and analytical skills needed to think strategically about developing and implementing plans at the neighborhood, city, and regional level.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Use of 4xxx courses towards program requirements is not permitted.

Coursework is chosen in consultation with the urban and regional planning advisor or director of graduate studies. At least 3 credits must be from the master's of urban and regional planning (MURP) curriculum. No more than 3 credits may be taken S/N. All other courses must be completed with grades of B or higher.

Program Sub-plans

Students are required to complete one of the following sub-plans.

Students may not complete the program with more than one sub-plan.

Masters

Required Coursework

Take at least 9 credits from the following, in consultation with the urban and regional planning minor advisor or director of Graduate

Studies:

PA 5xxx

PA 8xxx

Doctoral

Required Coursework

Take at least 12 credits from the following, in consultation with the urban and regional planning advisor or director of Graduate

Studies:



PA 5xxx
PA 8xxx