Twin Cities Campus
Addictions Counseling M.P.S.
CCAPS Addiction Studies
College of Continuing and Professional Studies

Link to a list of faculty for this program.

Contact Information:
College of Continuing and Professional Studies Information Center
20 Ruttan Hall
1994 Buford Ave
St Paul, MN 55108
(612-624-4000)
Email: ccapsinfo@umn.edu
Website: https://ccaps.umn.edu/addictions-counseling-masters-degree

• Program Type: Master's
• Requirements for this program are current for Fall 2018
• Length of program in credits: 30
• This program does not require summer semesters for timely completion.
• Degree: Master of Professional Studies

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.

Students in the MPS in addictions counseling experience a rigorous, evidence-informed applied clinical preparation program that fulfills Minnesota's Licensed Alcohol and Drug (MNLADC) educational requirements, with the added benefit of receiving a master's degree. The 30-credit curriculum includes specific licensure preparation content in the following areas: evidence based practices and evaluation, individual and group counseling skills, professional ethics, diversity and cultural sensitivity, co-occurring assessment and treatment interventions, and an applied field placement experience. The MPS meets the education and training needs of individuals new to the helping profession as well as individuals with an allied license (MSW, LP, LPC, LMFT) seeking to add the LADC.

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:
Bachelor's degree from an accredited institution - Transcripts - Personal statement - Two letters of reference - Updated resume or CV

Special Application Requirements:
International students interested in the M.P.S. in Addictions Counseling should contact the International Student and Scholar Service (www.isss.umn.edu) for information on visa status and academic requirements.

International applicants must submit score(s) from one of the following tests:
• TOEFL
  - Internet Based - Total Score: 84
  - Internet Based - Writing Score: 21
  - Internet Based - Reading Score: 19
  - Paper Based - Total Score: 563
• IELTS
  - Total Score: 6.5
  - Reading Score: 6.5
  - Writing Score: 6.5
• MELAB
  - Final score: 84

Key to test abbreviations: (TOEFL, IELTS, MELAB)
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 0 credits outside the major. The is no final exam. A capstone project is required.

Capstone Project: The ADDS 5996 Internship Seminar serves as a capstone experience where students apply the knowledge and skills learned in their previous courses in a real world clinical setting. Students receive close clinical supervision from both a site and faculty supervisors, participate in formal on-campus clinical supervision meetings, and actively engage in weekly required postings and practice assignments. Upon completion of the internship experience, each student undergoes an extensive formal written and oral evaluation process to ensure ethical and competent clinical practice.

This program may be completed with a minor.

Use of 4xxx courses toward program requirements is permitted under certain conditions with adviser approval.

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

In addition to course work, an 880-hour field placement is required to complete the degree. This field placement will be done as part of the 4 credit class ADDS 5996.

Students may take one or more courses per term and have up to five years to complete a master's degree. Students who wish to transfer graduate-level coursework from other institutions should contact the Graduate Programs office at ccapsinfo@umn.edu for information and assistance.

Only coursework for which the student has earned a grade of B- or better will be counted toward the minimum of 30 semester credits required for the degree.

Foundation Courses (7 credits)

These courses are prerequisites for most other courses in the program. They should be the first courses students complete.

- ADDS 5011 - Foundations in Addiction Studies (2.0 cr)
- ADDS 5021 - Introduction to Evidence Based Practices and the Helping Relationship (3.0 cr)
- ADDS 5031 - Applied Psychopharmacology (2.0 cr)

Required Courses (16 credits)

Required courses. All courses except ADDS 5051 are prerequisites for the internship (ADDS 5996). Either ADDS 5071 or ADDS 5081 may be taken concurrently with the internship.

- ADDS 5041 - Methods and Models I: Motivational Counseling (2.0 cr)
- ADDS 5051 - Methods and Models II: Cognitive Behavioral Therapy (2.0 cr)
- ADDS 5061 - Foundations of Group Work (3.0 cr)
- ADDS 5071 - Foundations of Co-occurring Disorders (2.0 cr)
- ADDS 5081 - Multicultural Foundations of Behavioral Health (3.0 cr)
- ADDS 5091 - Assessment and Treatment Planning I (3.0 cr)
- ADDS 5121 - Professional Seminar 1 (1.0 cr)

Elective Courses (3 credits)

Electives not on this list must be preapproved.

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

- ADDS 5993 - Directed Study (1.0 - 3.0 cr)
- IBH 6021 - Methods and Models III: Synthesis Seminar in Client Centered Care (2.0 cr)
- IBH 6031 - Methods and Models IV: Trauma and Anxiety, Assessment and Treatment Intervention (2.0 cr)
- IBH 6032 - Advanced Multicultural Practice (1.0 cr)
- IBH 6081 - Human Lifespan Development and Behavioral Health (3.0 cr)
- IBH 6111 - Research and Evaluation Methods (3.0 cr)
- IBH 6222 - Adolescents and Co-occurring Substance Use and Mental Health Disorders (3.0 cr)

Required Internship (4 credits)

Students must take 4 credits/880 field hours of ADDS 5996.

ADDS 5996 - Internship in Behavioral Health (1.0 - 4.0 cr)
Twin Cities Campus
Arts and Cultural Leadership M.P.S.
CCAPS Graduate Programs Instruction
College of Continuing and Professional Studies

Link to a list of faculty for this program.

Contact Information:
College Continuing and Professional Studies, M.P.S. in Arts and Cultural Leadership, 20 Ruttan Hall, 1994 Buford Avenue, St. Paul, MN 55108 (612-624-4000; fax: 612-626-2800)
Email: ccapsacl@umn.edu
Website: https://ccaps.umn.edu/arts-and-cultural-leadership-masters-degree

- Program Type: Master's
- Requirements for this program are current for Fall 2018
- Length of program in credits: 30
- This program does not require summer semesters for timely completion.
- Degree: Master of Professional Studies

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 Arts and Cultural Leadership (ACL) program is designed for students who have at least three years of professional, volunteer, and/or advocacy work in the arts and cultural field. Required curriculum, blended with flexible course work, allows students to build a program around their current strengths, experiences, and career direction. Courses in leadership and nonprofit management, along with seminars and directed studies in arts and cultural studies, provide working adults a degree with a clear, career-related focus.

The ACL program is designed to help students:

- Gain insight and develop approaches to creating and stewarding the relationships and interdependencies necessary for sustaining a vibrant arts community
- Refine strategic planning and communications skills in order to better lead organizations in complex environments
- Advocate for the arts and culture sector by promoting better understanding and integrating the economic, political, ethical, technological, and diverse social environments in which it functions
- Understand and convey the international context for the arts and the impact of the global economy
- Appreciate and nurture the creative process, recognizing how art and the artist function in society

The ACL program uses a foundation of 18 credits (out of 30 that are required for the degree), with latitude built in to pursue elective coursework in support areas such as nonprofit management, leadership, education, public affairs/policy, urban planning, strategic planning, etc. Using an applied learning approach, students receive a high-quality education that draws on the expertise of University faculty and community-based faculty.

By the end of the program, students will be knowledgeable in:

- Critical and strategic thinking, and effective communication
- The intersection, navigation, and impact of cultural and creative practices within local and global dynamics
- Policy formation, implementation, and application relevant to culture, creativity, and the arts
- Leadership practices in a variety of contexts
- How to implement expertise, improve relationships, and optimize resources

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.

To be admitted, students must have a bachelor's degree from an accredited post-secondary US institution or its foreign equivalent.

Other requirements to be completed before admission:
At least 3 years of professional, volunteer, and/or advocacy work in the arts and cultural field is required. Factors of academic
preparation, relevant experience, evidence of readiness and maturity, writing ability, and reasons for seeking the degree will be taken into account as part of the admissions review. GRE scores may be submitted, but are not required.

**Special Application Requirements:**
The application package must include official transcripts of all baccalaureate and post-baccalaureate work, a current resume, two letters of recommendation, a two- to three-page written statement of purpose in which the student elaborates on his or her interest in the program, and an additional writing sample of approximately 10 pages. Application deadlines are in spring for fall semester admission, and fall for spring semester admission. Please refer to the program website for further details.

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

- **TOEFL**
  - Internet Based - Total Score: 84
  - Internet Based - Writing Score: 21
  - Internet Based - Reading Score: 19
  - Paper Based - Total Score: 563

- **IELTS**
  - Total Score: 6.5
  - Reading Score: 6.5
  - Writing Score: 6.5

- **MELAB**
  - Final score: 84

Key to test abbreviations (TOEFL, IELTS, MELAB).

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. The is no final exam. A capstone project is required.

**Capstone Project:** See department for more details.

This program may be completed with a minor.

Use of 4xxx courses toward program requirements is permitted under certain conditions with adviser approval.

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

A minimum of 30 credits are required for completion of the MPS degree.

Take core courses for a letter grade, earning a B- or better.

Obtain a cumulative GPA for all degree course work of 3.0 or better.

**Required courses (15 credits)**

- ACL 8001 - Introduction to Critical and Cultural Inquiry in Arts and Culture (2.0 cr)
- ACL 5211 - Trends and Impacts in Arts and Cultural Leadership and Management (3.0 cr)
- ACL 5221 - Creative Entrepreneurship and Resource Development (3.0 cr)
- ACL 5231 - Ethical Dilemmas and Legal Issues for Cultural Leaders (3.0 cr)
- ACL 8201 - Creative Leadership in Practice (2.0 cr)
- ACL 8202 - Service Leadership and Board Practicum (1.0 - 2.0 cr)

**Electives (12 credits)**

Elective courses can be selected from related academic departments including ACL, MST, OLPD, and PA. Electives should relate to the professional tasks required of arts and cultural leaders or enhance the student’s understanding of the arts within a broader cultural context. Courses must be chosen in consultation with the advisor. Examples include, but are not limited to the courses listed below. Take 12 or more credit(s) from the following:

- ACL 5100 - Topics in Arts and Cultural Leadership (1.0 - 4.0 cr)
- ACL 5241 - Financial Management for Arts Nonprofits (2.0 cr)
- ACL 5251 - Arts Advocacy in the Political Landscape (2.0 cr)
- ACL 5950 - Special Topics (1.0 - 4.0 cr)
- ACL 5993 - Directed Studies (1.0 - 4.0 cr)
- DES 5165 - Design and Globalization (3.0 cr)
- GEOG 8106 - Seminar: Social and Cultural Geography (3.0 cr)
• JOUR 4263 - Strategic Communication Campaigns (3.0 cr)
• JOUR 5251 - Strategic Communication Theory (3.0 cr)
• LA 5413 - Introduction to Landscape Architectural History (3.0 cr)
• LS 5100 - Liberal Studies Seminar (1.0 - 4.0 cr)
• MST 5011 - Museum History and Philosophy (3.0 cr)
• MST 5012 - Museum Practices (3.0 cr)
• OLPD 5011 - Leading Organizational Change: Theory and Practice (3.0 cr)
• OLPD 5048 - Cross-Cultural Perspectives on Leadership (3.0 cr)
• OLPD 5080 - Special Topics: Organizational Leadership, Policy, & Development (1.0 - 3.0 cr)
• PA 5003 - Introduction to Financial Analysis and Management (1.5 cr)
• PA 5011 - Management of Organizations (3.0 cr)
• PA 5101 - Management and Governance of Nonprofit Organizations (3.0 cr)
• PA 5102 - Organization Performance and Change (3.0 cr)
• PA 5103 - Leadership and Change (3.0 cr)
• PA 5104 - Strategic Human Resource Management (3.0 cr)
• PA 5111 - Financing Public and Nonprofit Organizations (3.0 cr)
• PA 5190 - Topics in Public and Nonprofit Leadership and Management (1.0 - 3.0 cr)
• PA 5204 - Urban Spatial and Social Dynamics (3.0 cr)
• PA 5211 - Land Use Planning (3.0 cr)
• PA 5251 - Strategic Planning and Management (3.0 cr)
• PA 5253 - Designing Planning and Participation Processes (3.0 cr)
• PA 8203 - Neighborhood Revitalization Strategies and Theories (4.0 cr)
• Other electives chosen in consultation with student's adviser.

Final Project
The ACL Final Project provides students with an opportunity to focus on the needs of a particular organization or community as they identify and carry out, in consultation with the leadership of that group and their academic advisor(s), a project that meets a need within that group and reflects both the interest of the students and their academic achievement.

ACL 8002 - Capstone: Applied Research Project (1.0 cr)
ACL 8003 - Capstone: Reflections and Presentation (2.0 cr)
Twin Cities Campus
Biological Sciences M.B.S.
CCAPS Graduate Programs Instruction
College of Continuing and Professional Studies

Link to a list of faculty for this program.

Contact Information:
College of Continuing and Professional Studies, Master of Biological Sciences Program, 20 Ruttan Hall, 1994 Buford Avenue, St. Paul, MN 55108 (612-624-4000; fax: 612-626-2800)
Email: ccapsmbbs@umn.edu
Website: https://ccaps.umn.edu/biological-sciences-masters-degree

- Program Type: Master's
- Requirements for this program are current for Fall 2018
- Length of program in credits: 30
- This program does not require summer semesters for timely completion.
- Degree: Master of Biological Sciences

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 biological sciences (MBS) degree is a highly flexible graduate-level program designed to meet the needs of members of the working community who wish to increase their knowledge in areas of modern biology. Students focus their studies in one of three broad areas: molecular biosciences, cellular and organismal biology, or environmental and population biology. Limited elective credits in areas, such as education, business, and public health can be used to support a student's individual career goals and program focus. The degree enables recipients to learn new job skills, change professional emphasis, or provide added value to their present job and may be completed on a part-time basis.

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.

To be admitted, students must have a bachelor's degree from an accredited post-secondary US institution or its foreign equivalent.

Other requirements to be completed before admission:
Evidence of knowledge of current, college-level concepts of basic chemistry, organic chemistry, and some biology coursework is required. Transcripts showing equivalent coursework combined with professional experience will be considered for application toward fulfillment of the prerequisites for admission. Two years of relevant experience in the workforce is preferred for admission.

Special Application Requirements:
A statement of career goals, letters of reference, transcripts for all undergraduate and post-baccalaureate degrees or coursework, and an updated resume must accompany the application. Application deadlines are in the spring for fall semester admission, and in the fall for spring semester admission. Please refer to the program website for further details.

International applicants must submit score(s) from one of the following tests:
- TOEFL
  - Internet Based - Total Score: 84
  - Internet Based - Writing Score: 21
  - Internet Based - Reading Score: 19
  - Paper Based - Total Score: 563
- IELTS
  - Total Score: 6.5
  - Reading Score: 6.5
  - Writing Score: 6.5
- MELAB
  - Final score: 84
Key to test abbreviations (TOEFL, IELTS, MELAB).

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

**Program Requirements**

**Plan B:** Plan B requires 30 major credits and 0 credits outside the major. The final exam is oral. A capstone project is required.

**Capstone Project:** The Plan B project is carried out under the direction of a faculty member. It can be literature-based or lab-based with a testable hypothesis and a final paper of 30-50 pages in length, which is an in-depth examination and analysis of a particular area, problem, technique, etc.

**Plan C:** Plan C requires 30 major credits and 0 credits outside the major. The is no final exam. A capstone project is required.

**Capstone Project:** The Plan C requirement is the Capstone course APS 8003.

This program may be completed with a minor.

Use of 4xxx courses toward program requirements is permitted under certain conditions with adviser approval.

A minimum GPA of 3.00 is required for students to remain in good standing.

The program includes coursework, independent study, and a project for Plan B master's students or capstone course for Plan C master's students. With guidance from program advisors, students complete 30 credits. MBS candidates may transfer up to 12 credits into the program. Foundation credits may be waived or substituted if the student can show proficiency in the subject area. A bioethics requirement may be met with a credit or non-credit course. Coursework is taken from the regular graduate-level coursework. An overall GPA of 3.00 is required for the degree to be awarded.

**Introductory Course (1 credit)**

- **APS 8001** - Introduction to Research in the Biological Sciences (1.0 cr)

**Biochemistry Foundation (3 credits)**

- **BIOC 6021** - Biochemistry (3.0 cr)

**Biological Sciences Courses (17 - 23 credits)**

Courses in the student's area of concentration within the biological sciences chosen in consultation with student's advisor. One course in at least two of the following areas should be taken: Molecular Biosciences, Cellular and Organismal Biology, Environmental and Population Biology. Up to 7 credits of directed research or directed study courses can be included. Plan C students MUST take at least 1 credit of APS 8110.

Take 17 - 23 credit(s) from the following:

- Courses in the student's area of concentration within the biological sciences chosen in consultation with student's adviser.

**Electives (0 - 6 credits)**

Elective courses outside the biological sciences chosen with student's advisor.

Take 0 - 6 credit(s) from the following:

- Electives courses outside the biological sciences chosen with student's adviser.

**Final Project or Capstone (3 credits)**

Plan B students take APS 8002 in their final semester.

Plan C students take APS 8003 in their final semester.

- **APS 8002** - Final Project Course for Plan B MBS Students (2.0 - 3.0 cr)
- **APS 8003** - Capstone Course for Plan C MBS Students (2.0 - 3.0 cr)
Twin Cities Campus
Biological Sciences Minor
CCAPS Graduate Programs Instruction
College of Continuing and Professional Studies

Link to a list of faculty for this program.

Contact Information:
College of Continuing and Professional Studies, Master of Biological Sciences Program, 20 Ruttan Hall, 1994 Buford Ave, St. Paul, MN 55108 (612-624-4000, fax: 612-626-2800)
Email: ccapsmbio@umn.edu
Website: https://ccaps.umn.edu/biological-sciences-masters-degree

• Program Type: Graduate minor related to major
• Requirements for this program are current for Fall 2018
• Length of program in credits (Masters): 6
• 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.

Note: This program is not currently accepting students. Please contact the College of Continuing and Professional Studies for more information about the status of this program.

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 toward program requirements is permitted under certain conditions with adviser approval.
Twin Cities Campus
Horticulture M.P.S.
CCAPS Graduate Programs Instruction
College of Continuing and Professional Studies

Link to a list of faculty for this program.

Contact Information:
Email: ccapshort@umn.edu
Website: https://ccaps.umn.edu/horticulture-masters-degree

• Program Type: Master's
• Requirements for this program are current for Fall 2018
• Length of program in credits: 30
• This program does not require summer semesters for timely completion.
• Degree: Master of Professional Studies

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 professional studies in horticulture is designed to enhance the capacity of those currently working in the horticulture industry and to provide the knowledge base needed by others interested in beginning new careers, starting their own business, or pursuing personal interests in horticulture. The degree provides a solid foundation of contemporary horticultural knowledge, yet is flexible enough to allow individuals to focus on the specific skills they wish to hone.

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 2.80.

To be admitted, students must have a bachelor's degree from an accredited post-secondary U.S. institution or its foreign equivalent.

Other requirements to be completed before admission:
Evidence of knowledge of current, introductory, college-level concepts of algebra, chemistry, biology, botany, or plant propagation is required for admission to the program. Prerequisite coursework may be completed at the University of Minnesota or at other educational institutions subject to transfer review. In all cases, documentation of completed, equivalent coursework combined with professional experience will be considered for application toward fulfillment of the prerequisites for admission to the M.P.S. in Horticulture. A minimum grade of C will be the standard for admission for all prerequisite coursework. Undergraduate prerequisite coursework must come from the following areas: algebra, chemistry, biology, botany, or plant propagation. Please refer to the program website for further details.

Special Application Requirements:
The application package must include official transcripts of all baccalaureate and post-baccalaureate work, a current resume, two letters of reference, a written statement of purpose (no more than two pages) which addresses pertinent aspects of the student’s background and academic qualifications as related to admission to the program and demonstrates a strong interest in horticultural science including documentation of any relevant experiences in the field of horticulture. Application deadlines are in spring for fall semester admission, and in fall for spring semester admission. Refer to the program website for further details.

International applicants must submit score(s) from one of the following tests:
• TOEFL
  - Internet Based - Total Score: 84
  - Internet Based - Writing Score: 21
  - Internet Based - Reading Score: 19
  - Paper Based - Total Score: 563
• IELTS
  - Total Score: 6.5
  - Reading Score: 6.5

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Information current as of August 31, 2018
Writing Score: 6.5
• MELAB
  - Final score: 84

Key to test abbreviations (TOEFL, IELTS, MELAB).

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: See department for more details.

This program may not be completed with a minor.

Use of 4xxx courses toward program requirements is permitted under certain conditions with adviser approval.

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

Students who have not completed relevant introductory coursework in soils, plant pathology, and entomology, either during or subsequent to completion of their bachelor's degree, will be required to complete courses in these areas as part of their M.P.S. degree requirements. These courses are not prerequisites for admission. Depending on the specific courses included in the student's program, some additional coursework may also be required over and above the 30 graduate credits required for the degree.

All prerequisites associated with courses included in the student's course program must be completed as part of the student's degree requirements, unless exempted in writing by the instructor for the course and approved by the student's advisor and the program director of graduate studies (DGS) prior to taking the course.

Excluding the capstone course, a maximum of 3 credits taken S/N may be applied toward the minimum requirements for the degree.

The student's course program must be approved by the DGS and M.P.S. Steering Committee.

Only coursework for which the student has earned a grade of B- or better will be counted toward the minimum of 30 semester credits required for the degree.

Horticulture Coursework (15 credits)

15 credits of Horticulture (HORT) courses are required. A maximum of 9 credits total at the 4xxx level may be applied to the program in consultation with student's advisor. A maximum of 3 credits of HORT 5090 Directed Studies may be used.

Take 15 or more credit(s) from the following:

- HORT 4xxx
- HORT 5xxx
- HORT 6003 - Masters of Professional Studies in Horticulture Professional Experience Program: Internship (1.0 - 3.0 cr)
- HORT 6011 - Plant Propagation (4.0 cr)
- HORT 8xxx

Related Fields (12 credits)

Select at least 12 credits, such as the following, from related fields coursework offered across the University. Other courses can be selected in consultation with the advisor. A maximum of 9 total credits at the 4xxx level, in consultation with the advisor, can be applied to program requirements.

Take 12 or more credit(s) from the following:

- AGRO 5321 - Ecology of Agricultural Systems (3.0 cr)
- APS 5103 - Integration of Sustainable Agriculture Concepts (3.0 cr)
- APS 5101 - Ecological Design for Horticulture (3.0 cr)
- APS 5102 - Garden Design: Theory and Application (2.0 cr)
- ENT 5011 - Insect Structure and Function (4.0 cr)
- ENT 5021 - Insect Biodiversity and Evolution (4.0 cr)
- ENT 5051 - Scientific Illustration of Insects (3.0 cr)
- ENT 5081 - Insects, Aquatic Habitats, and Pollution (3.0 cr)
- ENT 5121 - Applied Experimental Design (4.0 cr)
- ENT 5341 - Biological Control of Insects and Weeds (3.0 - 4.0 cr)
- ENT 5361 - Aquatic Insects (4.0 cr)
- HORT 4xxx
- HORT 5xxx

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Information current as of August 31, 2018
• PLPA 5103 - Plant-Microbe Interactions (3.0 cr)
• PLPA 5202 - Field Plant Pathology (2.0 cr)
• PLPA 5203 - Introduction to Fungal Biology (3.0 cr)
• PLPA 5300 - Current Topics in Molecular Plant Pathology (1.0 cr)
• PLPA 5301 - Large Scale Omic Data in Plant Biology (3.0 cr)
• PLPA 5444 - Ecology, Epidemiology, and Evolutionary Biology of Plant-Microbe Interactions (3.0 cr)
• PLPA 5480 - Principles of Plant Pathology (3.0 cr)
• PLPA 5660 - Plant Disease Resistance and Applications (3.0 cr)
• PLPA 8005 - Supervised Classroom or Extension Teaching Experience (1.0 - 2.0 cr)
• PLPA 8103 - Plant-Microbe Interactions (3.0 cr)
• SOIL 4xxx
• SOIL 5xxx
• HORT 6011 - Plant Propagation (4.0 cr)
• HORT 8xxx

Capstone: HORT 6002 (3 credits)
Intended as a capstone experience that integrates the knowledge gained from coursework, personal research, and the student's academic and professional experiences. Enrollment is limited to students who have completed 18 or more credit hours. Students should register for 3 credits.

HORT 6002 - Problem Solving in Horticulture (3.0 cr)
Twin Cities Campus
Human Sexuality Post-baccalaureate Certificate
CCAPS Graduate Programs Instruction
College of Continuing and Professional Studies

Link to a list of faculty for this program.

Contact Information:
Phone: 612-624-4000
Email: ccapsinfo@umn.edu
Website: https://ccaps.umn.edu/human-sexuality-certificate

- Program Type: Post-baccalaureate credit certificate/licensure/endorsement
- Requirements for this program are current for Fall 2018
- Length of program in credits: 12
- This program does not require summer semesters for timely completion.
- Degree: Human Sexuality Postbacc 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.

Human sexuality and associated gender roles and sexual behavior are an integral part of health care, clinical and social sciences, biological sciences, and a determinant of population dynamics and population science. The HIV pandemic, and the prevalence of sexually transmitted infections (STIs) worldwide, make training in human sexuality an essential component of international development, reproductive and population health, and social policy. Sexual health issues are often part of a clinically oriented medical curriculum, and this online certificate broadens human sexuality education to a wider audience across the US and internationally. Completing this coursework will fulfill part of the requirements towards AASECT certification for sex educators in the components of core knowledge and sexuality education training.

Program Delivery
This program is available:
- completely online (all program coursework can be completed online)

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

Applicants must have a bachelors degree from an accredited post-secondary US institution or an international equivalent.

Other requirements to be completed before admission:
- Online Application through Apply Yourself
- Online application fee of $75 ($95 for international students)
- Resume or CV
- Personal Statement (1-2 pages)
- Two letters of recommendation from academic or professional references

International applicants must submit score(s) from one of the following tests:
- TOEFL
  - Internet Based - Total Score: 84
  - Internet Based - Writing Score: 21
  - Internet Based - Reading Score: 19
- IELTS
  - Total Score: 65
  - Reading Score: 6.5
  - Writing Score: 6.5
- MELAB
  - Final score: 84

Key to test abbreviations (TOEFL, IELTS, MELAB).

For an online application or for more information about graduate education admissions, see the General Information section of the
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.

Foundations of Human Sexuality (3 credits)
Required foundations of human sexuality course.
HSEX 6001 - Foundations of Human Sexuality (3.0 cr)

Electives (9 credits)
Elective coursework in human sexuality. Under exceptional circumstances and with the permission of the director of graduate studies, students may substitute elective credits from other graduate level coursework in human sexuality.
HSEX 6011 - Policy in Human Sexuality: Cutting Edge Analyses (3.0 cr)
HSEX 6012 - Sexual Function and Dysfunction (3.0 cr)
HSEX 6013 - Perspectives and Practices in Sexuality Education (3.0 cr)
Integrated Behavioral Health M.P.S.

CCAPS Addiction Studies

College of Continuing and Professional Studies

Link to a list of faculty for this program.

Contact Information:
College of Continuing and Professional Studies Information Center, 20 Ruttan Hall, 1994 Buford Avenue, St. Paul, MN, 55108 (612-624-4000)
Email: ccapsinfo@umn.edu
Website: https://ccaps.umn.edu/integrated-behavioral-health-masters-degree

- Program Type: Master's
- Requirements for this program are current for Fall 2018
- Length of program in credits: 60
- This program does not require summer semesters for timely completion.
- Degree: Master of Professional Studies

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 high prevalence of co-occurring mental health and substance use disorders virtually guarantees that counselors, no matter the treatment setting, will encounter clients struggling with not one, but two or more disorders.

The master of professional studies in integrated behavioral health (IBH) prepares counselors for this clinical reality. The IBH degree merges mental health and substance abuse education and training into a single, comprehensive and cohesive program. This synthesis represents an important and pioneering shift in the preparation of clinicians.

The IBH is designed to fulfill education and training requirements for two licenses: Licensed Professional Clinical Counselor (LPCC) and Licensed Alcohol and Drug Counselor (LADC).

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:
- Bachelor's degree from an accredited institution
- Transcripts
- Personal statement
- Two letters of reference
- Updated resume or CV

Special Application Requirements:
International students interested in the master of professional studies in integrated behavioral health should contact the International Student and Scholar Service (http://www.isss.umn.edu) for information on visa status and academic requirements.

International applicants must submit score(s) from one of the following tests:
- TOEFL
  - Internet Based - Total Score: 84
  - Internet Based - Writing Score: 21
  - Internet Based - Reading Score: 19
  - Paper Based - Total Score: 563
- IELTS
  - Total Score: 6.5
  - Reading Score: 6.5
  - Writing Score: 6.5
- MELAB
Key to test abbreviations (TOEFL, IELTS, MELAB).

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 60 major credits and 0 credits outside the major. There is no final exam. A capstone project is required.

Capstone Project: Satisfactory completion of a portfolio demonstrates the student’s clinical conceptualization and practice skills through the following:
- A client case study that includes an assessment and treatment plan
- A videotaped treatment session with a mock client
- A philosophy of counseling statement outlining the student's theoretical orientation to counseling and specific applications of his/her counseling philosophy to the population she/he intends to serve
- Evaluations outlining areas of competence and skill as assessed by internship site supervisor
- Self-selected papers and projects from program coursework that demonstrate the student’s mastery of knowledge and skills

This program may be completed with a minor.

Use of 4xxx courses toward program requirements is permitted under certain conditions with adviser approval.

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

In addition to course work, an 880-hour field placement is required to complete the degree. The credit and field placement requirements are designed to fulfill licensing requirements as defined in the Minnesota Statutes, section 148B.54, subdivision 2; and Minnesota Rules, part 2150.2500 to 2150.2660. As noted in the statute, "The national trend for master's programs in counseling is towards 60 semester credits." In order for a practitioner to be eligible for third party reimbursement for services, the practitioner must demonstrate a minimum of 60 semester graduate level credits in counseling coursework.

Students may take one or more courses per term and have up to five years to complete a master's degree. Students who wish to transfer graduate-level coursework from other institutions should contact the Graduate Programs office at ccapsinfo@umn.edu for information and assistance.

Only coursework for which the student has earned a grade of B- or better will be counted toward the minimum of 60 semester credits required for the degree.

Foundation Courses (10 credits)

These courses are prerequisites for most other courses in the program. They should be the first courses students complete.
- ADDS 5011 - Foundations in Addiction Studies (2.0 cr)
- ADDS 5021 - Introduction to Evidence Based Practices and the Helping Relationship (3.0 cr)
- ADDS 5031 - Applied Psychopharmacology (2.0 cr)
- IBH 6111 - Research and Evaluation Methods (3.0 cr)

Prerequisites for First Internship (14 credits)

These courses (along with "Foundation Courses" ADDS 5011, 5021, 5031, and IBH 6111) must be completed before students can register for the first internship ADDS 5996.

Either ADDS 5071 or ADDS 5081 may be taken concurrently with the internship.
- ADDS 5041 - Methods and Models I: Motivational Counseling (2.0 cr)
- ADDS 5061 - Foundations of Group Work (3.0 cr)
- ADDS 5071 - Foundations of Co-occurring Disorders (2.0 cr)
- ADDS 5081 - Multicultural Foundations of Behavioral Health (3.0 cr)
- ADDS 5091 - Assessment and Treatment Planning I (3.0 cr)
- ADDS 5121 - Professional Seminar 1 (1.0 cr)

First Internship (2 credits)

Two credits (440 field hours) of ADDS 5996 must be completed near the program's mid-way point.
- ADDS 5996 - Internship in Behavioral Health (1.0 - 4.0 cr)

Prerequisites for Second Internship (21 credits)

These courses must be completed before students can register for the second internship IBH 6996.
- ADDS 5051 - Methods and Models II: Cognitive Behavioral Therapy (2.0 cr)
IBH 6011 - Foundations in Differential Diagnosis (3.0 cr)
IBH 6022 - Foundations of Psychological Assessment (2.0 cr)
IBH 6031 - Methods and Models IV: Trauma and Anxiety, Assessment and Treatment Intervention (2.0 cr)
IBH 6061 - Applied Advanced Diagnostics I (2.0 cr)
IBH 6071 - Advanced Professional Issues (3.0 cr)
IBH 6081 - Human Lifespan Development and Behavioral Health (3.0 cr)
IBH 6101 - Family Dynamics and Therapy (3.0 cr)
IBH 6121 - Professional Seminar 2 (1.0 cr)

Second Internship (2 credits)
Two credits (440 field hours) of IBH 6996 must be completed near the end of the program.
IBH 6996 - Internship for Integrated Behavioral Health (1.0 - 4.0 cr)

Additional Required Courses (4 credits)
Additional required courses. Can be taken any time.
IBH 6051 - Advanced Group Practice (2.0 cr)
IBH 6091 - Intersection of Career and Mental Health (2.0 cr)

Electives (6 credits)
Electives not on this list must be preapproved.
Take 6 or more credit(s) from the following:
- ADDS 5996 - Internship in Behavioral Health (1.0 - 4.0 cr)
- HSEX 6001 - Foundations of Human Sexuality (3.0 cr)
- HSEX 6012 - Sexual Function and Dysfunction (3.0 cr)
- HSEX 6013 - Perspectives and Practices in Sexuality Education (3.0 cr)
- IBH 6021 - Methods and Models III: Synthesis Seminar in Client Centered Care (2.0 cr)
- IBH 6032 - Advanced Multicultural Practice (1.0 cr)
- IBH 6041 - Prolonged Exposure Therapy for PTSD (2.0 cr)
- IBH 6062 - Applied Advanced Diagnostics II (2.0 cr)
- IBH 6221 - Applications of Counseling Theories (2.0 cr)
- IBH 6222 - Adolescents and Co-occurring Substance Use and Mental Health Disorders (3.0 cr)
- IBH 6227 - Supervision Models and Methods in Integrated Behavioral Health (3.0 cr)
- IBH 6228 - Mental Health and Addiction Program Administration (2.0 cr)
- IBH 6230 - Clinical Application in Prolonged Exposure Therapy (3.0 cr)
- IBH 6232 - Introduction to Navigating Issues of Sexual Health and Gender in the Therapy Session (2.0 cr)
- IBH 6233 - DBT Skills Training: Group Practices and Treatment Modalities (2.0 cr)
- IBH 6234 - Counseling Grief and Loss (2.0 cr)
- IBH 6910 - Topics in Integrated Behavioral Health (1.0 - 4.0 cr)
- IBH 6993 - Directed Study in Integrated Behavioral Health (1.0 - 3.0 cr)
- IBH 6996 - Internship for Integrated Behavioral Health (1.0 - 4.0 cr)

Portfolio (1 credit)
Required portfolio course
IBH 8002 - Portfolio Seminar (1.0 cr)