

HEALTH EDUCATION (HED)

HED-701 Soc Determinants of Healthcare & Edu (2 credits)

This course explores diversity in health professions education and healthcare. Issues of disparity in educational programs and their effects on diversity in the healthcare workforce are reviewed. Students will examine current research related to diversity trends in healthcare and how to best meet the needs of students and healthcare clients.

HED-702 Leadership in Health Professions Education (3 credits)

This course examines current approaches to leadership and management in health professions education. Students will develop an understanding of leadership theories, management techniques, communication, team building, conflict resolution, group process, and delegation. These leadership and managerial issues will be viewed through a contemporary lens with the impact of changing demographics of health care and higher education in mind.

HED-703 Current Issues in Hlth Professions Edu (2 credits)

This course engages students in an analysis of key issues facing institutions and personnel that educate health professionals. Current issues including interprofessional education, accreditation, certification, entry level requirements, and faculty roles and responsibilities in an ever-evolving world are explored. This course stresses the concept of becoming a "change agent" for improved learning outcomes and the advancement of the health professions.

HED-704 Legal & Ethical Hlth Prof Edu (3 credits)

This course analyzes the changing legal and ethical context of post-secondary institutions from the vantage point of both administrative and faculty functions, with an emphasis on higher education's role in the preparation and continuing education of healthcare professionals.

HED-705 Finance & Planning Hlth Professions (3 credits)

Explored in relation to the changing landscape of higher education, this course reviews, analyzes and builds the capacity of students to comprehend the changing economics of higher education and the key financial elements of academic programming. Emphasis is placed on budgeting, strategic planning, and the utilization of various budget models for funding academic programs. The financial and strategic challenges of healthcare education programs are highlighted.

HED-706 Curr Plan & Design in Hlth Prof Edu (3 credits)

This course reviews major trends in higher education curriculum planning and design through the study of the history, development & management of curriculum and instruction within higher education and healthcare professions education more specifically. Course highlights the unique curricular and instructional requirements and challenges of distance education and field instruction.

HED-707 Evidence Based Prac Hlth Professions Edu (2 credits)

This course helps to prepare students to analyze best practice evidence to support the education of health professionals. With an emphasis on levels of evidence and research critique, this course examines research outcomes based on quality and applicability of the studies. Statistical significance and effect size will also be explored, along with ways to incorporate research review into the education of health professionals.

HED-708 Strategies in Health Professions Edu (3 credits)

This course analyzes teaching and learning strategies at the forefront of higher education, particularly health professions education. Students will explore how students learn and teaching techniques that maximize student performance. Emphasis is placed on learner-oriented techniques used in classroom-style, small group, and clinical instruction situations.

HED-709 Outcomes Assess Hlth Prof Education (3 credits)

With a focus on the preparation and continuing education of healthcare professionals, this course studies contemporary assessment theory and practice with an emphasis on using assessment to improve student learning outcomes. The course is framed by an articulation of the dynamic link between assessment, curriculum planning, and instructional design.

HED-710 Organizational Culture Hlth Professions (2 credits)

This course explores the cultures in health professions education. Focus is on organizational structure, governance, and the impact on faculty/students. Students will gain an understanding of the cultures that can influence institutional change and conflict, and enhance and/or deter productivity in both higher education and the clinical education setting.

HED-720 Advanced Statistics (4 credits)

This course is designed to refresh student backgrounds in descriptive and inferential statistic, and through review of this background, to develop a much richer and deeper understanding of the applications of these background skills to the reading and interpretation of literature and conducting research. Students will review a wide variety of descriptive statistical techniques, then use these techniques to develop deeper understanding of their applications to advanced inferential statistical methods. Students will become familiar with ANOVA models, regression techniques, factor analysis, and multivariate applications, and use these applications to review literature in their field of interest.

HED-721 Quantitative Research Design (3 credits)

This course is designed to extend prior graduate training in quantitative research methodology to develop a much richer and deeper understanding of the application of these background skills to the reading and interpretation of literature and conducting research. Students will review a wide variety of quantitative techniques, including pre-experimental and quasi-experimental designs. Students will conduct literature reviews of their topic of interest, and apply their understandings of quantitative research methodologies to literature in their field of interest. Students design a study of their choice, including APA writing style, literature review, and a detailed methods section covering their applications of research design to their topic of choice.

HED-722 Qualitative Research Design (3 credits)

This course is designed to extend prior graduate training in qualitative research methodology to develop a much richer and deeper understanding of the applications of these background skills to the reading and interpretation of literature and conducting research. Students will review a wide variety of qualitative techniques, including interviews, focus groups, content analysis, and ethnography. Students will conduct literature reviews on their topic of interest, and apply their understandings of qualitative methodologies to literature in their field of interest. Students design a study of their choice applying all aspects of the course, including APA writing style, literature reviews, and a detailed methods section covering their applications of research design to their topic of choice.

HED-730 Teaching Practicum I (2 credits)

This course prepares students for higher education by engaging them in the teaching process. Students will identify a current issue/topic of interest within health professions education and develop, plan, and implement a two-hour seminar for students within the health care programs at D'Youville College. Each student will be expected to individually prepare learning objectives and a detailed teaching/learning plan that will be approved by his/her advisor. The student will then implement the plan in its entirety for an audience of health care students. Each student will receive feedback from faculty, as well as ratings and comments from student participants. Students will then be expected to complete a reflection paper indicating areas of strength, weakness and avenues of improvement.

HED-731 Teaching Practicum II (2 credits)

Building on skills developed in HED 730 - Teaching Practicum I, this course utilizes feedback and experiences to continue to hone teaching skills in a classroom-style setting. Students will again identify a current issue/topic of interest within health professions education and develop, plan, and implement a two-hour seminar for students within the health care programs at D'Youville College. Each student will be expected to integrate changes identified in the analysis of their previous teaching experiences in the development of the seminar, including modifications as needed to the teaching plan and learning objectives. The student will then carry-out the plan in its entirety for an audience of health care students. Each student will receive feedback from faculty, as well as ratings and comments from student participants. A reflection paper will highlight improvements from previous teaching experiences and plans for future development.

HED-732 Administration Practicum I (2 credits)

This course prepares doctoral candidates for higher education by engaging them in administration skills utilized by department managers. Students will be expected to complete a thorough analysis of three identified administrative components of an assigned facility/school. Potential components include legal/ethical issues, finance/planning, leadership/management, and organizational culture. Analysis will include a review of strengths, weaknesses, opportunities, and threats (SWOT) to the organization based on the current model of operation.

HED-733 Administration Practicum II (2 credits)

This course builds on the detailed analysis conducted in HED 732 - Administration Practicum I. Using skills developed in the administration courses of the curriculum, students will be expected to create an action/strategic plan based on findings from their analyses. This plan will span a three year time period and will focus on the three administrative areas detailed in their analyses. The completed action/strategic plan will then be submitted to the student's site supervisor for review and approval.

HED-740 Applied Research Practicum I (2 credits)

This course helps students develop a better understanding of the research process by engaging them in the creation of an applied research proposal. Students will identify a topic of interest within health professions education and develop an appropriate research question, literature review, and methodology for a pilot study. Students will also learn about human subjects' protection and will submit an application to the Institutional Review Board.

HED-741 Applied Research Practicum II (2 credits)

A continuation of Applied Research Practicum I, in this course students complete the research process by gathering and analyzing data for the pilot study. Students will learn how to write up research for scholarly publication, including finding appropriate, peer-reviewed journals and following author guidelines.

HED-742 Grant Writing Practicum I (2 credits)

This course helps students develop a better understanding of the process of seeking grant funding from a variety of funding sources. Students will identify a topic of interest within health professions education and develop a letter grant proposal up to the submission stage. Students will learn about the grant review process and specific information grant reviewers look for.

HED-743 Grant Writing Practicum II (2 credits)

A continuation of Grant Writing Practicum I, this course prepares students to complete a full government grant application based on the topic identified previously. Students will gain an understanding of skills related to seeking a funding source, completing the application, and the peer review process. A variety of funding sources and range of funding types will be reviewed to prepare students for future grant applications.

HED-750 Interprofessional Education Healthcare (3 credits)

This course explores interprofessional education in the healthcare professions, including practical methods of implementing interprofessional programming. Students will develop an understanding of the importance of values-based interprofessional collaboration, including developing scenarios for reflection and exploring modalities used in best practices.

HED-751 Course Design in Hlth Prof Education (3 credits)

This course explores online education in the healthcare professions. Students will gain an understanding of various design elements that can enhance online coursework, including community building, tech tools, and gamification of classes. Included in the course are components unique to online coursework in healthcare professions, such as integrating clinical laboratory components online and management of fieldwork.

HED-752 Program and Personnel Evaluation (3 credits)

This course focuses on building student capacities at evaluating both educational programs and effective instruction, and the links of this process to curriculum planning, instructional design, and the assessment of learning outcomes. It pays particular attention to accreditation as a continuous evaluation process aimed at improving the quality of education and meeting needs of healthcare professionals and those they serve.

HED-753 Globalization and Hlth Professions Edu (3 credits)

This course explores health professions education and the ever expanding globalization in higher education. Students will identify the university as a global institution and consider the ramifications of international students, courses, research, and economic demands. Focus will be on viewing healthcare preparation from a global perspective, with student outcomes and the global labor market in mind.

HED-754 Survey Research Methods: Design and App (3 credits)

This course focuses on advanced survey research techniques, sampling, and the use of online survey tools. Students will explore cases of effective use of surveys for healthcare outcomes, policies, and program development.

HED-755 Mixed Methods Research Design (3 credits)

This course explores the use of quantitative and qualitative data in a single research design. Case study designs that utilize both quantitative and qualitative data will be reviewed. The course will also identify exemplary mixed methods studies and their use by health professions researchers.

HED-801 Dissertation Proposal Development (4 credits)

Under the guidance of the dissertation committee, the doctoral candidate will complete the dissertation following the approved content and protocols of the proposal. Following the successful defense of the completed dissertation, the doctoral student will publically present an oral report on the findings and conclusions of the study.

HED-802 Dissertation Guidance (1-6 credits)

Under the guidance of the dissertation committee, the doctoral candidate will complete the dissertation following the approved content and protocols of the proposal. Following the successful defense of the completed dissertation, the doctoral student will publically present an oral report on the findings and conclusions of the study.