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School of Medicine and Public Health Guide

Degrees/Majors

The University of Wisconsin School of Medicine and Public Health in Madison is committed to improving the health of Wisconsin and beyond through service, scholarship, science and social responsibility. We are developing new approaches for preventing, diagnosing and treating illness by uniting the principles and power of traditional medicine and public health. Learn more about our mission and vision (https://www.med.wisc.edu/about-us/mission-values-and-diversity-commitment/).

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Genetic Counselor Studies, MGCS

The Master of Genetic Counselor Studies Program at the University of Wisconsin School of Medicine and Public Health educates students to become competent and compassionate genetic counselors who will be lifelong learners and leaders in the field.

Our training program is fully accredited by the Accreditation Council for Genetic Counseling and with the first class of genetic counselors starting in 1976, it is one of the most experienced programs in the United States.

Visit our webpage for more information about the Genetic Counseling Program and our Mission. (https://www.med.wisc.edu/education/genetic-counseling-program/welcome-and-mission-statement/)

Learning Outcomes

1. Demonstrate and utilize a depth and breadth of understanding and knowledge of genetics and genomics core concepts and principles.
2. Integrate knowledge of psychosocial aspects of conditions with a genetic component to promote client well-being.
3. Construct relevant, targeted and comprehensive personal and family histories and pedigrees.
4. Identify, assess, facilitate, and integrate genetic testing options in genetic counseling practice.
5. Assess individuals’ and their relatives’ probability of conditions with a genetic component or carrier status based on their pedigree, test result(s), and other pertinent information.
6. Demonstrate the skills necessary to successfully manage a genetic counseling case.
7. Critically assess genetic/genomic, medical and social science literature and information.
8. Establish a mutually agreed upon genetic counseling agenda with the client.
9. Employ active listening and interviewing skills to identify, assess, and empathically respond to stated and emerging concerns.
10. Use a range of genetic counseling skills and models to facilitate informed decision-making and adaptation to genetic risks or conditions.
11. Promote client-centered, informed, non-coercive and value-based decision-making.
12. Understand how to adapt genetic counseling skills for varied service delivery models.
13. Apply genetic counseling skills in a culturally responsive and respectful manner to all clients.
14. Effectively educate clients about a wide range of genetics and genomics information based on their needs, their characteristics and the circumstances of the encounter.
15. Write concise and understandable clinical and scientific information for audiences of varying educational backgrounds.
16. Effectively give a presentation on genetics, genomics and genetic counseling issues.
17. Demonstrate understanding of the research process.
18. Understand the methods, roles and responsibilities of the process of clinical supervision of trainees.
19. Act in accordance with the ethical, legal and philosophical principles and values of the genetic counseling profession and the policies of one’s institution or organization.
20. Advocate for individuals, families, communities and the genetic counseling profession.
22. Establish and maintain professional interdisciplinary relationships in both team and one-on-one settings, and recognize one’s role in the larger healthcare system.
CERTIFICATION/LICENSURE

PROFESSIONAL CERTIFICATION/LICENSURE DISCLOSURE (NC-SARA)
The United States Department of Education requires institutions that provide distance education to disclose information for programs leading to professional certification or licensure about whether each program meets state educational requirements for initial licensure or certification. Following is this disclosure information for this program:

The requirements of this program meet Certification/Licensure in the following states:

The requirements of this program do not meet Certification/Licensure in the following states:
Not applicable

The requirements of this program have not been determined if they meet Certification/Licensure in the following states:
American Samoa, Guam, Northern Mariana Islands, Puerto Rico, U.S. Virgin Islands

ACCREDITATION

ACCREDITATION
Accreditation Council for Genetic Counseling (https://www.gceducation.org/)

MEDICINE, M.D.
The Doctor of Medicine (MD) Program at the UW School of Medicine and Public Health provides an outstanding educational experience preparing our graduates to become highly competent and compassionate physicians who advance health and health equity through remarkable service to patients and communities.

Visit our webpage for more information about the M.D. Program and admissions requirements. (https://www.med.wisc.edu/education/md-program/)

LEARNING OUTCOMES
1. Knowledge for Practice
2. Patient Care
3. Practice-Based Learning and Improvement
4. Systems-Based Practice

CERTIFICATION/LICENSURE

PROFESSIONAL CERTIFICATION/LICENSURE DISCLOSURE (NC-SARA)
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Not applicable

The requirements of this program have not been determined if they meet Certification/Licensure in the following states:
American Samoa

ACCREDITATION

ACCREDITATION
Liaison Committee on Medical Education

MEDICINE: WISCONSIN ACADEMY FOR RURAL MEDICINE EXCELLENCE IN RURAL RESIDENCIES, M.D.
Overview here
ADMISSIONS

REQUIREMENTS

Program staff will advise students.

PEOPLE

People here

MEDICINE: WISCONSIN ACADEMY FOR RURAL MEDICINE, M.D.

Overview here

ADMISSIONS

REQUIREMENTS

PEOPLE

PEOPLE

PHYSICAL THERAPY, DPT

Fostering education and research to meet the physical therapy needs of the people in the State of Wisconsin and beyond.

At the University of Wisconsin-Madison Doctor of Physical Therapy Program, we prepare students to enter the workforce as generalist practitioners, equipped to provide interprofessional, evidence-based, quality care through the roles of clinician, educator, researcher, administrator and consultant. Our program provides a welcoming, collaborative environment, which offers an integrative, team-taught curriculum bolstered by an emphasis on leadership, service and professional behaviors.

Visit our webpage for more information about the Physical Therapy Program and admissions requirements. (https://www.med.wisc.edu/education/physical-therapy-program/)

LEARNING OUTCOMES

1. Use appropriate verbal, nonverbal, and written communication with all individuals when engaged in physical therapy practice, research, and education, including patients, clients, families, caregivers, practitioners, consumers, payers, and policy-makers. This communication includes developing and delivering formal oral presentations in both clinical and classroom settings.

2. Choose and perform appropriate examination procedures including, but not limited to, those listed in the Guide to Physical Therapy Practice 3.0.

3. Perform a physical therapy evaluation and make appropriate clinical judgments based on examination findings. Within an evaluation, consideration is given to the level of current impairments; the probability of prolonged impairment, functional limitation, and disability; the living environment; potential discharge destinations; and social supports.

4. Develop appropriate diagnoses relevant to physical therapist practice by organizing information obtained from the examination into defined clusters, syndromes, or categories to help determine the most appropriate intervention strategies.

5. Determine a patient prognosis by stating the predicted optimal level of improvement in function that might be attained through intervention and the amount of time required to reach that level.

6. Develop and implement a plan of care by integrating examination data and incorporating prognostic indicators. Specific treatment interventions include, but are not limited to those listed in the Guide to Physical Therapy Practice 3.0.

7. Engage in outcomes data collection and analysis at each step of patient management as well as with discharge planning.

8. Demonstrate ability to apply universal precautions and basic life support.

9. Interact and practice in collaboration with a variety of professionals, including, but not limited to, physicians, physician assistants, pharmacists, dentists, nurses, educators, social workers, occupational therapists, speech-language pathologists, athletic trainers, chiropractors and audiologists.

10. Participate in student laboratory learning experiences, role-playing as both physical therapist and patient. Laboratory experiences may include, but are not limited to, palpation, modalities, manual therapy, such as massage, and other hands-on skills, and may involve exercise and other physical activities.

11. Participate in the process of scientific inquiry by applying the principles of scientific methods to read and interpret professional literature; participate in, plan, and/or conduct research; evaluate outcomes; and assess new concepts and technologies.

12. Educate by imparting information or skills, and instruct by precept, example, and experience so individuals acquire knowledge, master skills, and develop competence. Apply teaching/learning theories and methods in health care and community environments using a variety of instructional strategies that are commensurate with the needs and unique characteristics of the learner.

13. Provide prevention and wellness services, including screening, health promotion, and education, that are appropriate for physical therapy and promote healthy behaviors in the community.

14. Participate in administration activities consistent with entry-level physical therapy practice, including planning, directing, organizing, and managing resources.

15. Provide consultation to individuals, businesses, schools, government agencies, or other organizations by rendering professional or expert opinion or advice; applying highly specialized knowledge and skills to identify problems, recommend solutions, or produce a specified outcome or product in a given amount of time on behalf of a patient/client.

16. Formulate and implement a plan for personal and professional career development based on self-assessment and feedback from others.
We place an emphasis on primary health care for populations and regions in need. Explore the five distinct PA program tracks, the application process, and why a degree from UW-Madison will prepare you for excellence in education, patient care and service.

Visit our webpage for more information about the Physician Assistant Program and admissions requirements. (https://www.med.wisc.edu/education/physician-assistant-pa-program/)

### LEARNING OUTCOMES

1. **MEDICAL KNOWLEDGE (MK):** Understand essential medical knowledge needed to provide patient care.
2. **MEDICAL HISTORY (HIST):** Interview and elicit an appropriate complete, interval, or acute history.
3. **PHYSICAL EXAMINATION (PE):** Perform complete and focused physical examinations.
4. **CLINICAL REASONING (CR):** Identify, process, and integrate information in order develop a differential diagnosis, and diagnostic impression.
5. **DIAGNOSTIC STUDIES (DIAG):** Identify, order and interpret appropriate diagnostic studies.
6. **THERAPEUTICS (TH):** Formulate an appropriate and comprehensive therapeutic plan.
7. **INTERPERSONAL COMMUNICATION WITH PATIENTS AND FAMILIES (PTCOM):** Demonstrate effective exchange of information and collaboration with patients and their families.
8. **INTERPERSONAL COMMUNICATION WITH HEALTH PROFESSIONALS (MEDCOM):** Demonstrate effective exchange of information and collaboration with other health professionals both orally and in writing.
9. **PROFESSIONALISM (PROF):** Demonstrate the skills, attributes and behaviors of a competent physician assistant and serve as a member of the professional medical community.
10. **EVIDENCE BASED Medicine (EBM):** Use appropriate literature to make evidence-based decisions.
12. **HEALTHCARE SYSTEMS (HS):** Recognize financial and legal aspects of healthcare systems.
13. **SOCIETY AND POPULATION HEALTH (SPH):** Recognize social determinants affecting the health of individuals and communities.
14. **CULTURAL HUMILITY (CH):** Demonstrates sensitivity and adaptability to cultural differences, ensures equitable care.
15. **INTERPROFESSIONAL COLLABORATION AND LEADERSHIP (ICL):** Engage in interprofessional education that will enhance patient-/population-centered care, collaboration, communication, teamwork and leadership in the clinical setting.
16. **TECHNICAL SKILLS (TS):** Demonstrate proficiency in common procedures and technical skills.
to professional certification or licensure about whether each program meets state educational requirements for initial licensure or certification. Following is this disclosure information for this program:

The requirements of this program meet Certification/Licensure in the following states:

The requirements of this program do not meet Certification/Licensure in the following states:
Not applicable.

The requirements of this program have not been determined if they meet Certification/Licensure in the following states:
American Samoa, Guam, Northern Mariana Islands, Puerto Rico, U.S. Virgin Islands.

ACCREDITATION

ACCREDITATION
Review Commission on Education for the Physicians Assistant (http://www.arc-pa.org/accreditation/)

PHYSICIAN ASSISTANT: COMMUNITY BASED PA PROGRAM, MPA

ADMISSIONS

REQUIREMENTS

PEOPLE

ADMISSIONS

REQUIREMENTS

PEOPLE

PHYSICIAN ASSISTANT: MPAS AT UW-PLATTEVILLE, MPA

Overview here.

PUBLIC HEALTH, MPH

The Master of Public Health (MPH) program provides professional preparation in the core public health competencies to health professionals and students.

The degree provides a practice-oriented approach for those who want to strengthen their general knowledge and skills in public health, either through a single degree or through one of the program’s many dual degree programs.

Visit our webpage for more information about the MPH Program and admissions requirements. (https://www.med.wisc.edu/education/master-of-public-health-mph/)

LEARNING OUTCOMES

1. Utilize a global health perspective to confront the root causes of less than optimal health and promote wellness for all communities.
2. Engage theory and evidence-based methods to lead multidisciplinary and professional public health practice and research.
3. Employ a socio-ecological model to analyze dynamic interactions among human and social systems.
4. Identify strengths and limitations of current public health models and approaches and design innovative solutions for today’s public health challenges.
5. Practice public health with honesty and integrity using a respectful and collaborative approach that responds to the needs of the communities we serve.

CERTIFICATION/LICENSURE

PROFESSIONAL CERTIFICATION/LICENSURE DISCLOSURE (NC-SARA)
The United States Department of Education requires institutions that provide distance education to disclose information for programs leading to professional certification or licensure about whether each program meets state educational requirements for initial licensure or certification. Following is this disclosure information for this program:
The requirements of this program meet Certification/Licensure in the following states:
Wisconsin

The requirements of this program do not meet Certification/Licensure in the following states:
The requirements of this program have not been determined if they meet Certification/Licensure in the following states:

ACCREDITATION

Council on Education for Public Health (https://ceph.org/)

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