

UNIVERSITY OF MINNESOTA

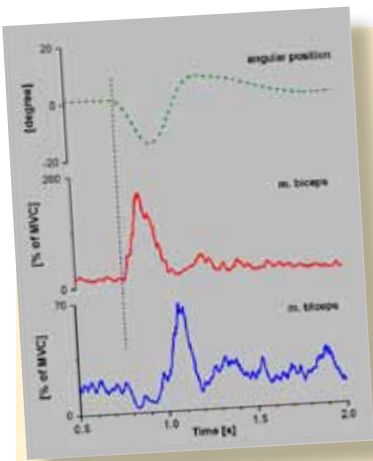
Driven to Discover<sup>SM</sup>

# Clinical Physiology & Movement Science

POSTBACCAULAUREATE CERTIFICATE

**An innovative postbaccalaureate certificate program is now available** from the University of Minnesota designed specifically for professionals in nursing, other clinical fields such as physical, occupational, and speech therapy, and for engineers working in the medical technology/device industry. The **Postbaccalaureate Certificate in Clinical Physiology and Movement Science** offers a uniquely interdisciplinary program in a new, emerging field of study. Professionals seeking state-of-the-art, postgraduate continuing education will take coursework that combines physiology and movement science with clinical skills for research, the diagnoses of disease conditions, and education. Created and developed by faculty with rich collective expertise from across the University, the postbaccalaureate certificate offers students a choice of two tracks: **Clinical Physiology** and **Clinical Movement Science**.





**Clinical Physiology** is a branch of physiology that bridges basic physiology and clinical medicine.

**Clinical Movement Science** is a new, interdisciplinary field of study focusing on human movement dysfunctions due to neurological or orthopedic diseases

or diminished physical activity. Like Clinical Physiology, Clinical Movement Science bridges the gap between basic and clinical sciences by crossing the boundaries of traditional disciplines of neurology, neurophysiology, kinesiology, and physical and occupational therapy.

The postbaccalaureate certificate requires a minimum of 12 semester credits. The curriculum includes a required core course that covers the theory and application of clinical physiology and movement science. Elective courses are chosen from a broad list of offerings in departments such as Kinesiology, Public Health, Rehabilitation Science, and Otolaryngology.

## **PARTICIPATING ACADEMIC UNITS AND CENTERS**

The five academic units participating in the minor encompass diverse academic programs spanning a number of disciplines and include:

- College of Education and Human Development**
- Medical School**
- College of Liberal Arts**
- School of Public Health**
- Institute of Technology**

## **FIND OUT MORE**

For more information about the postbaccalaureate certificate, go to the **Center for Clinical Movement Science** Web site: [ccms.umn.edu/](http://ccms.umn.edu/)

The University of Minnesota is an equal opportunity educator and employer.

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