Low birthweight, diabetes and childhood obesity are important national health concerns. As more mothers choose to breastfeed, the demand for lactation specialists and skilled maternal and child health professionals continues to grow. The UC Davis Master of Advanced Study in Maternal and Child Nutrition is designed to provide a strong scientific background in these topics and train professionals to design, implement and evaluate nutrition intervention programs for mothers and children from a variety of cultural, ethnic and social backgrounds.

**Designed for Working Professionals**

Classes are scheduled and the degree is paced as a part-time program to accommodate students who are working full time. Core courses are offered as two evening sessions per week with additional online discussions, office hours and Web-based tutorials. Seminars, elective courses and independent projects will complement the core courses.

**Career Opportunities**

Graduates of the program will qualify for positions as pediatric nutrition specialists, maternal nutrition specialists, lactation educators and lactation specialists within healthcare organizations, and for administrative positions in public health agencies at local, state and national levels. This program will satisfy the upcoming requirement for students who are planning to become registered dietitians to first obtain a master's degree.

**About the Program**

The program consists of four required core courses, six to eight units of special topics seminars, two to four units of electives and a six-unit student project for a total of 36 units. Each core course comprises 10 weeks of instruction, twice per week for two-and-a-half hours per meeting.

**Internship:** Students who are preparing to become International Board Certified Lactation Consultants will be required to complete clinical internship hours.

**Student project***: Each student will carry out a research or evaluation project (produced in consultation with a guidance committee) during their second year, intended to allow them to use the knowledge and skills learned in a manner that will best serve them in their profession. *Project will vary based on the student’s chosen path.

**Fees:** Tuition is paid on a course-by-course basis. For current fees visit: budget.ucdavis.edu/studentfees/current

**SAMPLE PROGRAM**

<table>
<thead>
<tr>
<th>Fall Year 1</th>
<th>Winter Year 1</th>
<th>Spring Year 1</th>
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<tbody>
<tr>
<td>Nutrition During Pregnancy</td>
<td>Lactation and Infant Nutrition</td>
<td>Child and Adolescent Nutrition</td>
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<tr>
<td></td>
<td>(6 units)</td>
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<td>Fall Year 2</td>
<td>Winter Year 2</td>
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<tr>
<td>Applied Research Methods</td>
<td>Seminar</td>
<td>Seminar</td>
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<td>(4 units)</td>
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<tr>
<td>Elective</td>
<td>Seminar</td>
<td>Student Project</td>
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<td>(2 units)</td>
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</table>
Program Eligibility
Admission to the program requires a bachelor’s degree with prior coursework that includes (or is comparable to): one year of general chemistry, two quarters of organic chemistry, a course in statistics, one course in general physiology and two quarters of the biochemistry of nutrition. At least a B average (3.0) or its equivalent is normally required for admission.

“I gained the breadth I needed to understand the bigger picture relating to public health issues, as well as indispensable breastfeeding and infant nutrition knowledge.”
– Carolyn Donohoe Mather, alumna

Required Courses
Nutrition During Pregnancy 6 units
Lactation and Infant Nutrition 6 units
Child and Adolescent Nutrition 6 units
Applied Research Methods 4 units
Clinical Lactation 3 units (for students preparing to become IBCLCs)

Elective Courses
Two to four units of electives selected from related courses (may be taught in other departments) as approved by the student’s advisers.

Seminars
A series of special two-unit seminars are offered in the second year. Topics will vary from year-to-year but will include:
• Topics in Epidemiology of Maternal and Child Nutrition
• Public Policy in Maternal and Child Nutrition
• Principles of Evidence-Based Practice
• Principles of Adult Education

Faculty
Faculty members are internationally known for their groundbreaking research in maternal and child nutrition.

Caroline J. Chantry, M.D., professor emerita, clinical pediatrics, UC Davis Medical Center
Kathryn Dewey, Ph.D., professor emerita, Department of Nutrition, and director, Program in International and Community Nutrition, UC Davis
Reina Engle-Stone, Ph.D., assistant professor, Department of Nutrition, UC Davis
Jane Heinig, Ph.D., IBCLC, academic administrator, Department of Nutrition, UC Davis, and executive director, UC Davis Human Lactation Center
Carl L. Keen, Ph.D., professor, Department of Nutrition, UC Davis
Elizabeth Prado, Ph.D, assistant professor, Department of Nutrition, UC Davis
Christine Stewart, Ph.D., M.P.H., associate professor, Department of Nutrition, UC Davis
Mark Underwood, M.D., M.A.S, associate professor, clinical pediatrics, and chief, Division of Neonatology, UC Davis Health System

HOW TO APPLY
Admission is accepted for fall quarter every year. A complete application package must be submitted by April 15 for the fall 2019 program.

Apply online: gradstudies.ucdavis.edu/prospective-students/apply-online
For application requirements, visit: cpe.ucdavis.edu/submit-transcripts

A nonrefundable fee of $105 (domestic applicants) or $125 (international applicants) must be paid when the application is submitted.

Financial assistance: Students must be enrolled in at least six units per quarter to be eligible. For details visit: financialaid.ucdavis.edu/graduate/apply

International students: Graduate students in F-1 or J-1 status must carry at least 12 units or the equivalent of a full course of study as certified by the Dean of Graduate Studies.