APPLICATION INFORMATION:
This program is for those seeking the Ethnomathematics Graduate Certificate. For those interested in pursuing the graduate certificate as part of the Master of Education (MEd) in Curriculum Studies, Math Education, please refer to the program application guidelines. Program participants holding a license in the State of Hawai’i may add-a-field of licensure in ethnomathematics through the Hawai’i Teacher Standards Board.

PROGRAM START/END DATES
Start: Summer (July)
End: Spring (May)

APPLICATION DEADLINE
February 15 (inquire about availability after this date)

LENGTH
11 months

TUITION
Approximately $9,966.00 (HAWAI’I RESIDENTS)
Approximately $9,966.00 (NON-RESIDENTS AND INTERNATIONAL STUDENTS)
http://www.outreach.hawaii.edu/myuh/fees.asp

PREREQUISITES
☐ Bachelor’s degree from an accredited institution (any field)
☐ GPA: 3.0 or above
☐ Teaching experience in grades P–20 (early childhood through university) or equivalent experience

COURSEWORK INFORMATION:

<table>
<thead>
<tr>
<th>COURSEWORK (15 credits)</th>
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<tbody>
<tr>
<td>Summer</td>
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<tr>
<td>EDCS 654: Ethnomathematics (3 credits)*</td>
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<tr>
<td>Fall</td>
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<tr>
<td>EDCS 606: Intro. to Research in Curriculum and Teaching (3 credits)*</td>
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<tr>
<td>EDCS 622G: Curriculum Leadership K–14 (3 credits)*</td>
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<tr>
<td>Spring</td>
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<tr>
<td>EDCS 632: Qualitative Research Methods (3 credits)*</td>
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<tr>
<td>EDCS 653F: Mathematics in the Schools: Integrated Math Content (3 credits)*</td>
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</tbody>
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*Applied projects are embedded into coursework.
All candidates will also complete an Ethnomathematics Portfolio as a capstone project.

“As far as I know, no other academic degree program in ethnomathematics exists in the world. Thus, the Ethnomathematics Graduate Certificate at the University of Hawai’i is an excellent opportunity for giving an appropriate academic role to this subject where mathematics can be looked at from fresh and exciting standpoints.”

Ferdinando Arzarello
International Commission on Mathematical Instruction (ICMI) Former President
GENERAL PROGRAM INFORMATION

The Ethnomathematics Graduate Certificate is designed for teachers, other educators, and graduate students who want to gain deep knowledge in the area of ethnomathematics. Ethnomathematics is real-world problem-solving that empowers students to be locally-minded, global citizens through a sense of purpose and a sense of place. The program prepares teachers as leaders to transfer culturally-sustaining mathematics knowledge to classroom, school, and district levels by strengthening P-20 college, career, and community readiness. This program incorporates Mathematics Common Core State Standards, Next Generation Science Standards, and Nā Hopena A‘o values-based frameworks.

CLASS TYPE & CERTIFICATION INFORMATION

ONLINE AND FACE-TO-FACE PROGRAM: Most of the program is online, with synchronous online class sessions in the early evenings. Program participants will be placed in cohorts, and will complete the course sequence together beginning each summer (July 1-7, 2019, subject to change) and ending each spring (May 2-3, 2020, subject to change). There are four face-to-face* sessions during this program: (1) a one-week immersion in summer, (2) two in-person professional development days (one in fall and one in spring), and (3) a culminating weekend in spring. Stipends may be provided to assist with travel.

*Candidates residing outside of Hawai‘i will be offered an alternative format for participation in professional development days ONLY.

STIPENDS & FUNDING OPPORTUNITIES

MERIT-BASED STIPENDS: Candidates taking the Ethnomathematics course sequence as part of the MEd in Curriculum Studies may be eligible to apply for departmental stipends, based on available funds.

FEDERAL TEACHER LOAN FORGIVENESS: Teachers at Title I schools may qualify for between $5,000-$17,500 loan forgiveness. Please refer to https://studentaid.ed.gov/sa/repayloans/forgiveness-cancellation/teacher

LOCAL & NATIONAL SCHOLARSHIPS:
University of Hawai‘i: http://www.star.hawaii.edu/scholarship
Hawai‘i Community Foundation: https://www.hawaiicommunityfoundation.org/grants-and-scholarships-for-community-causes-and-students
Hawai‘i Education Association: http://www.hawaiieducationassociation.org/hea-scholarships
Office of Hawaiian Affairs: http://www.oha.org/scholarships

CONTACTS

PROGRAM ADVISOR:
Dr. Linda Furuto | lfuruto@hawaii.edu

CURRICULUM STUDIES DEPARTMENT CHAIR:
Dr. Patricia Halagao | phalagao@hawaii.edu

TO APPLY OR FOR MORE INFORMATION:
outreach.hawaii.edu/ethnomathematics