**Curriculum Studies**
**Ethnomathematics**
**Graduate Certificate**

**PROGRAM SHEET**

**APPLICABLE 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 program (such as the Math Education), please also complete an interest form: [http://info.coe.hawaii.edu/cs-advice-me](http://info.coe.hawaii.edu/cs-advice-me), and refer to MEd in Curriculum Studies program application guidelines.

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<th>PROGRAM START/END DATES</th>
<th>APPLICATION DEADLINE</th>
<th>LENGTH</th>
<th>TUITION</th>
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| Start: Summer (middle of July)  
End: Spring (middle of May) | March 15 (inquire about availability after this date) | 11 months | Approximately $9,711.00 (HAWAI’I RESIDENTS)  
Approximately $9,771.00 (NON-RESIDENTS AND INTERNATIONAL STUDENTS) |

**COURSEWORK INFORMATION:**

**COURSEWORK (15 credits)**

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<th>Course</th>
<th>Credits</th>
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<tr>
<td>Summer</td>
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<tr>
<td>EDCS 654: Ethnomathematics (3 credits)*</td>
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<td>Fall</td>
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<td>EDCS 622G: Curriculum Leadership K–14 (3 credits)*</td>
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<td>EDCS 653F: Mathematics in the Schools Integrated (3 credits)*</td>
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<td>Spring</td>
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<td>EDCS 606: Intro. to Research in Curriculum and Teaching (3 credits)*</td>
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<td>EDCS 642G: Seminar in Diversity Issues K–14 (1 credit)*</td>
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<td>EDCS 699: Directed Reading and/or Research (2 credits)*</td>
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*Applied projects are embedded into coursework.
All candidates will also complete an Ethnomathematics Portfolio as a capstone project.

**REQUIREMENTS FOR OPTIONAL HAWAI’I TEACHER STANDARDS BOARD (HTSB):**
- Existing Hawai’i teaching license
- 3 years teaching experience
- If adding a teaching field, apply at: [https://hawaiiteacherstandardsboard.org/content/add-a-teaching-field/](https://hawaiiteacherstandardsboard.org/content/add-a-teaching-field/)

“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 the integration of Indigenous wisdom and 21st century teaching and learning of mathematics through project-based, place-based experiences. 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 Aʻo 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 9-15, 2018, subject to change) and ending each spring (May 4-5, 2019, 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 Assoc.: 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:
https://tiny.cc/ethnomathematics