

# UNIVERSITY OF HAWAI‘I SYSTEM REPORT



REPORT TO THE 2023 LEGISLATURE

Interim Report Regarding the Establishment of  
K-12 Expanded Teaching Cohort Programs in  
Each County

Act 141, SLH 2022

December 2022

**Act 141, Session Laws of Hawai'i 2022 (SB2359 SD1 HD1)  
RELATING TO THE UNIVERSITY OF HAWAI'I**

**Overview**

Pursuant to Act 141, Session Laws of Hawai'i 2022, and on behalf of the University of Hawai'i System, the University of Hawai'i at Mānoa (UHM) College of Education (COE) is submitting an interim report to the legislature regarding the establishment of K-12 expanded teaching cohort programs in each county for students who are pursuing undergraduate degrees in education. This interim report shows statewide Bachelor of Education (BEd), Post-baccalaureate (Post-bac), Professional Certificate in Teaching (PCERT) initial teaching licensure programs available and current enrollments from UHM, University of Hawai'i West O'ahu (UHWO) and University of Hawai'i at Hilo (UH-H). Both the Post-bac and PCERT programs are considered undergraduate programs. In addition, graduate initial teaching licensure candidates are also listed.

***University of Hawai'i at Mānoa, College of Education***

For the 2022-23 academic year, there are a total of 188 UHM teacher candidates enrolled in **statewide teacher licensure programs**<sup>a</sup>. For 2022-2023, UHM statewide programs included: BEd in Elementary Education, BEd in Special Education (SPED) (Severe/Autism, Mild/Moderate-Secondary), BEd in Elementary Education (Blended [Early Childhood & Early Childhood Special Education]), BEd in Elementary Education, Dual Licensure in Hawaiian Language Immersion and Elementary Education. Professional Certificate in Elementary Education, Special Education (Severe/Autism, Mild/Moderate), Secondary Education in General Science and Art. The MEdT program highlights only those who are currently enrolled in a teacher licensure program. The BEd Dual Elementary Education and Hawaiian Language Immersion program began fall 2021. Enrollment data show a total of three candidates (Kaua'i, Lāna'i, and O'ahu). The BEd in Special Education was recently approved by the UH Board of Regents in early spring 2022. An aggressive recruitment effort from the department yielded a total of 14 enrolled candidates across the state. The current enrollment for the Post-Baccalaureate in Special Education program, which is offered statewide, is 37. Oahu teacher candidates are also enrolled in our statewide programs and therefore counted here. **Table 1** offers UHM COE statewide only enrollment data for teacher candidates.

<sup>a</sup> **Note. UHM on campus teacher licensure candidates are not included in this report.**

*Table 1*

**Fall 2022 Semester STATEWIDE Licensure Students Enrolled by Degree, Institution and Island for Bachelor of Education (BEd), Professional Certificate in Teaching (PCERT), and Master of Education in Teaching (MEdT) for UHM, College of Education**

<b>Fall 2022 STATEWIDE Licensure Students Enrolled by Degree, Island</b>	<b>Hawai'i</b>	<b>Kaua'i</b>	<b>Lāna'i</b>	<b>Moloka'i</b>	<b>Maui</b>	<b>O'ahu</b>	<b>Grand Total</b>
<b>Bachelor of Education (BEd)</b>							
Elementary Education	4	3			5	14	<b>26</b>
SPED: Severe/Autism	2	1				10	<b>13</b>
SPED: Mild/Moderate						1	<b>1</b>
Blended - Early Childhood & Early Childhood SPED	8	2	1	1	4	14	<b>30</b>
Dual Licensure in Hawaiian Language Immersion Ed and Elementary Ed			1			3	<b>4</b>
<b>Professional Certificate (PCERT)</b>							
Elementary Education		2				11	<b>13</b>
SPED: Severe/Autism	1	1		1	1	12	<b>16</b>
SPED: Mild/Moderate	5	1			4	9	<b>19</b>
Secondary							
Sec Ed, English						1	<b>1</b>
Sec Ed, Science					1	1	<b>2</b>
Sec Ed, Art					1	4	<b>5</b>
Sec Ed, Social Studies						5	<b>5</b>
Sec Ed, Math						1	<b>1</b>
Sec Ed, English as Sec Lan						1	<b>1</b>
Sec Ed, World Language						2	<b>2</b>
<b>Master of Education in Teaching (MEdT)</b>							
Elementary Education		2				6	<b>8</b>
Secondary							
Sec Ed, English	1				1	5	<b>7</b>
Sec Ed, Science						4	<b>4</b>
Sec Ed, Social Studies * <sup>1</sup>	1					9	<b>10</b>
Sec Ed, Math	1					4	<b>5</b>
Sec Ed, Science and Math	1						<b>1</b>
Sec Ed, World Language						4	<b>4</b>
Sec Ed, Hawaiian Language* <sup>2</sup>						2	<b>2</b>
SPED Mild/Moderate (Dual Licensure program with Secondary content area) <sup>3</sup>	3					5	<b>8</b>
<b>Grand Total</b>	<b>27</b>	<b>12</b>	<b>2</b>	<b>2</b>	<b>17</b>	<b>128</b>	<b>188</b>

<sup>1</sup> Including 3 Hawaiian Language Immersion candidates (Oahu)

<sup>2</sup> Including 2 Hawaiian Language Immersion candidates (Oahu)

<sup>3</sup> The candidates are enrolled in Dual Secondary and Special Education program

**University of Hawai‘i at West O‘ahu**

In academic year 2022-23, 192 UHWO teacher candidates are progressing through the teacher preparation programs. See Table 2. UHWO offers the BEd in Elementary Education(K-6); Middle-level (grades 6-8) English, Math, General Science, and Social Studies; Secondary (grades 6-12) English, Math, Science, Biology, General Science and Social Studies. Also available is a Special Education (SPED) Add-A-Field pathway leading to dual licensure in General Education and Special Education, K-7, 6-8, or 6-12. In Spring 2023, 33 Elementary and 11 Secondary candidates will graduate and be recommended for licensure to the Hawai‘i Teacher Standards Board. UHWO offers the Ho‘opūliko Kumu Hou Teacher Pathway project, a Title III Alaska Native, Native Hawaiian grant that supports secondary candidates who want to teach in their own communities. In Summer 2022, 20 candidates enrolled in tuition-free teacher education coursework supported by the grant. UHWO also offers a teaching pathway for a BEd in Secondary Education English as part its Title III *Keleka‘a Ho‘ona‘ao‘ao* grant with Kaua‘i Community College. This program is not sustainable right now and will graduate one candidate in spring 2023. See Table 2

Table 2

**University of Hawai‘i, West O‘ahu Teacher Candidate Enrollment Data for BEd, Elementary, Middle Level, Secondary and Special Education (Add-a-Field)**

<b>UHWO Teacher Candidate Enrollment data</b>	<b>Hawai‘i</b>	<b>Kaua‘i</b>	<b>Lāna‘i</b>	<b>Moloka‘i</b>	<b>Maui</b>	<b>O‘ahu</b>	<b>Grand Total</b>
<b>Bachelor of Education (BEd)</b>							
UHWO, Elementary Education, K-5						120	<b>120</b>
UHWO Middle-Level (6-8) & Secondary (6-12)						72	<b>72</b>
English						25	<b>25</b>
Math						12	<b>12</b>
General Science						5	<b>5</b>
Biology						2	<b>2</b>
Social Studies						28	<b>28</b>
UHWO SPED ADD-A-FIELD PATHWAY						12	<b>12</b>
Grand Total							<b>276</b>

**University of Hawai‘i Hilo, School of Education**

The University of Hawai‘i at Hilo<sup>2</sup> (UH-H) currently offers teacher licensure through the School of Education<sup>3</sup> and Kahuawaiola<sup>4</sup>. How teacher licensure is offered through each unit is provided below. Although the School of Education (SOE) does not currently offer an undergraduate Bachelor of Education degree program in teacher education, it does provide a post-baccalaureate option. Students with earned baccalaureate degrees may enter the Master of Arts in Teaching (MAT)<sup>5</sup> program. At the

completion of program- and state-required coursework and fieldwork during year one, students are eligible for teacher licensure through the Hawai'i Teachers Standards Board<sup>6</sup>

*Teacher Licensure Numbers for the School of Education at UH Hilo*

Since its inception during the 2013-2014 academic year, 199 students have received teacher licensure (115 elementary and 84 secondary) through the UH Hilo School of Education Master of Arts in Teaching year-one licensure program. The cohort numbers, the years of enrollment, the number of elementary licensures, and the number of secondary licensures for year one of the Master of Arts in Teaching program are provided in Table 3 below.

Table 3  
**Number of Students Earning Teacher Licensure in the School of Education Master of Arts in Teaching Program at UH Hilo**

Cohort	1	2	3	4	5	6	7	8	9	Total
Year	2013- 2014	2014- 2015	2015- 2016	2016- 2017	2017- 2018	2018- 2019	2019- 2020	2020- 2021	2021- 2022	
Elementary	15	16	18	13	15	11	8	11	8	115
Secondary	11	7	6	10	7	13	11	12	7	84
<b>Total</b>	<b>26</b>	<b>23</b>	<b>24</b>	<b>23</b>	<b>22</b>	<b>24</b>	<b>19</b>	<b>23</b>	<b>15<sup>7</sup></b>	<b>199</b>

<sup>2</sup> For more information about the University of Hawai'i at Hilo, please access the following URL: <https://hilo.hawaii.edu/>.

<sup>3</sup> For more information about the School of Education, please access the following URL: <https://hilo.hawaii.edu/depts/education/>.

<sup>4</sup> For more information about the Kahuawaiola Indigenous Teacher Education program, please access the following URL: <https://hilo.hawaii.edu/catalog/kahuawaiola-indigenous-teacher-education-program>.

<sup>5</sup> For more information about the Master of Arts in Teaching degree program, please access the following URL: <https://hilo.hawaii.edu/catalog/master-of-teaching-mat>.

<sup>6</sup> For more information about the Hawai'i Teachers Standards Board, please access the following URL: <https://hawaiiteacherstandardsboard.org/>.

<sup>7</sup> Decreased enrollment numbers may be attributed to the impact of COVID

*Teacher Licensure Fields for the School of Education*

Hawai'i Teacher Standards Board-approved teacher licensure fields for the UH Hilo School of Education are shown in Table 4 below.

Table 4

**Hawai'i Teacher Standards Board-Approved Teacher Licensure Fields for the School of Education Master of Arts in Teaching Program**

Licensure Fields		Grade Levels
1	Elementary Education	K-6
2	Art	6-12
3	Computer Science	6-12
4	Career and Technical Education (CTE)—Agriculture	6-12
5	Career and Technical Education (CTE)—Business	6-12
6	English	6-12
7	Health	6-12
8	Japanese	6-12
9	Mathematics	6-12
10	Music	6-12
11	Physical Education	6-12
12	Science	6-12
13	Social Studies	6-12
14	Spanish	6-12
15	Science, Technology, Engineering, and Mathematics (STEM)	6-12

*Kahuawaiola*

Although Kahuawaiola does not currently offer an undergraduate Bachelor of Education degree program in indigenous teacher education, it does provide a post-baccalaureate option. Students with earned baccalaureate degrees may enter the Indigenous Teacher Education program. At the completion of program- and state-required coursework and fieldwork, students are eligible for teacher licensure through the Hawai'i Teachers Standards Board.

*Teacher Licensure Numbers for Kahuawaiola Indigenous Teacher Education Program*

Since its inception in 1998, 146 students have completed the Indigenous Teacher Education program through Kahuawaiola. The class numbers, the years of enrollment, and the number of teacher licensures are provided in Table 5 below.

**Table 5**  
**Number of Students Earning Teacher Licensure in the Kahuawaiola Indigenous Teacher Education Program**

<b>Class</b>	<b>Year</b>	<b>Number</b>
1	1998-2000	14
2	2001-2002	5
3	2003-2004	12
4	2005-2006	15
5	2007-2008	11
6	2008-2009	6
7	2010-2011	5
8	2011-2012	6
9	2012-2013	4
10	2013-2014	6

11	2014-2015	8
12	2015-2016	7
13	2016-2017	10
14	2017-2018	8
15	2018-2019	7
16	2019-2020	8
17	2020-2021	10
18	2021-2022	4 <sup>9</sup>
<b>Total</b>		<b>146</b>

*Teacher Licensure Fields for Kahuawaiola Indigenous Teacher Education Program*

Hawai'i Teacher Standards Board-approved teacher licensure fields for the Kahuawaiola Indigenous Teacher Education program include the following: Elementary Education (K-6), Hawaiian Language Immersion (P-3, P-12, K-6, 6-12), Kaipuni Hawai'i/Hawaiian Language Immersion (P-3, P-12, K-6, 6-12), Hawaiian Knowledge (P-3, P-12, K-6, 6-12), 'Ōlelo Hawai'i/Hawaiian Language (6-12), and Hawaiian Studies (6-12).

**Recommendations**

*BEd in Secondary Education – Math and General Science.* The critical shortage areas continue to plague rural and remote areas in the State of Hawai'i. For the Academic Year (AY) 2023-24, **UHM College of Education** will be offering the BEd in Secondary Education in secondary math and general science. Both are federal shortage areas and are teaching fields of high need for the Hawai'i Department of Education (HIDOE). UHM COE will be collaborating with the UHM College of Natural Science, UH Maui College, and with all UH Community College campuses to ensure a high-quality BEd program can be delivered to all Hawai'i counties. We anticipate that enrollment may be small; however, we do expect an increase in recruitment of candidates over time from rural and remote areas across the state.

*Faculty and Support Staff.* During the 2022 legislative session, both Representative Gregg Takayama, Chair of the House Higher Education and Technology Committee (via HB 1833) and Senator Donna

Mercado Kim, Chair of the Senate Higher Education Committee (via SB 2359) requested an appropriation. An inquiry of such a program was made by the committees and what was provided included six (6) positions, including Instructors (Level - I2), academic support, and operating expenses (e.g., travel, supplies), totaling \$700,000 to address this mandate.

**UH Hilo, School of Education** requests funds in the amount of \$335,000 to cover the costs of designing, developing, and implementing the Bachelor of Science in Educational Studies degree program at the University of Hawai'i at Hilo over the next two academic years<sup>4</sup>. **Kahuawaiola** requests funds in the amount of \$139,000 to cover the costs of expanding the Indigenous Teacher Education program at the University of Hawai'i at Hilo over the next academic year<sup>5</sup>.

Effectively offering a high-quality statewide teacher licensure program requires faculty and support personnel who have knowledge of and strong connections to each county. It will be essential to have individuals who are part of the fabric of that community and is able to serve as a champion for teaching in general, and advocate for recruiting Grow Our Own candidates.

Strengthen partnership with Hawai'i P20 in an effort to create pathways for Hawai'i students that allow them to remain within their communities as high qualified educators. In partnering with P20, we envision a pathway that supports the uniqueness and cultural fabric of each community and supports potential teacher candidates at every level.

### **Additional Considerations**

The primary goal for the University of Hawai'i system-wide, State Approved Preparation Programs (UHM, UHH, UHWO) is to address the shortage of teachers by increasing qualified, public-school teachers in the State of Hawai'i through targeted recruitment and quality programming. We also recognize that the federal shortage areas are especially acute in rural and remote counties. Several strategies to be employed to increase teacher candidates statewide include the following (which will require commitment to additional resources):

- Expand Early Childhood teacher training offerings statewide (**UHM**)
- In efforts to support the growing need for Early Childhood teachers, state-wide, **UHWO** is seeking full-time (FTE) support to develop a new area of concentration in Early Childhood Education, in order to provide a pre-K-3 add-a-field initial and advanced licensure pathways to preservice and inservice professionals, respectively.
- Continue to target marginalized populations by building capacity within programs and preparing teachers to work in special education and with multi-lingual learners
- **UHWO** offers pathways to both an Initial and an Advanced Special Education (SPED) add-a-field teaching license. Additional instructional support is needed, in order to sustain the program, while recruiting and retaining SPED teachers. Currently this 30-credit program is supported in partnership with the Hawai'i Department of Education, which provides \$100K annually towards tuition stipends for eligible candidates. In Spring 2023, 10 candidates will earn their SPED license.
- Increase and build faculty partnerships across all high school teacher academies in the State of Hawai'i

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<sup>4</sup> See Attachment – Table 9

<sup>5</sup> See Attachment – Table 10

- **UHWO** actively engages in partnerships with James Campbell High School and Leilehua High School Teacher Academies. Additional instructional resources are needed, in order to support the growing number of Online Early College courses in pre-professional teacher education that are offered each semester to students in grades 9-12.
- Better compensation for mentor teachers (Consider mentor teachers (as preceptors) like those in Allied Health fields where they are paid to supervise, mentor, and provide feedback to candidates (**UHM**)).
- Continue to strengthen our partnership with HIDOE in addressing induction and mentoring with (a) the coordination and transition between pre-service and in-service offerings, (b) identifying how best to support graduates to promote their retention (**UHM**)
- Intentional effort to recruit more Hawaiian Immersion teachers (**UHM and UH-H**)
- The **Kahuawaiola Indigenous Teacher Education** program plans to increase the numbers within its current program first. Discussions are underway as to how to expand teacher licensure offerings in the future. More formal plans will be provided in the next annual report.
- In support of the need for Native Hawaiian immersion teachers, **UHWO** is seeking full-time (FTE) support, in order to provide leadership in the development of Teaching English to Speakers of Other Languages (TESOL) add-a-field Initial and Advanced licensure pathways, K-12.
- **UH-H** School of Education intends to roll out the Bachelor of Science in Educational Studies degree program in nine discreet phases by academic semester
- **UH-H** Kahuawaiola Indigenous Teacher Education program requests one legislated faculty position and one non-faculty position<sup>6</sup>.

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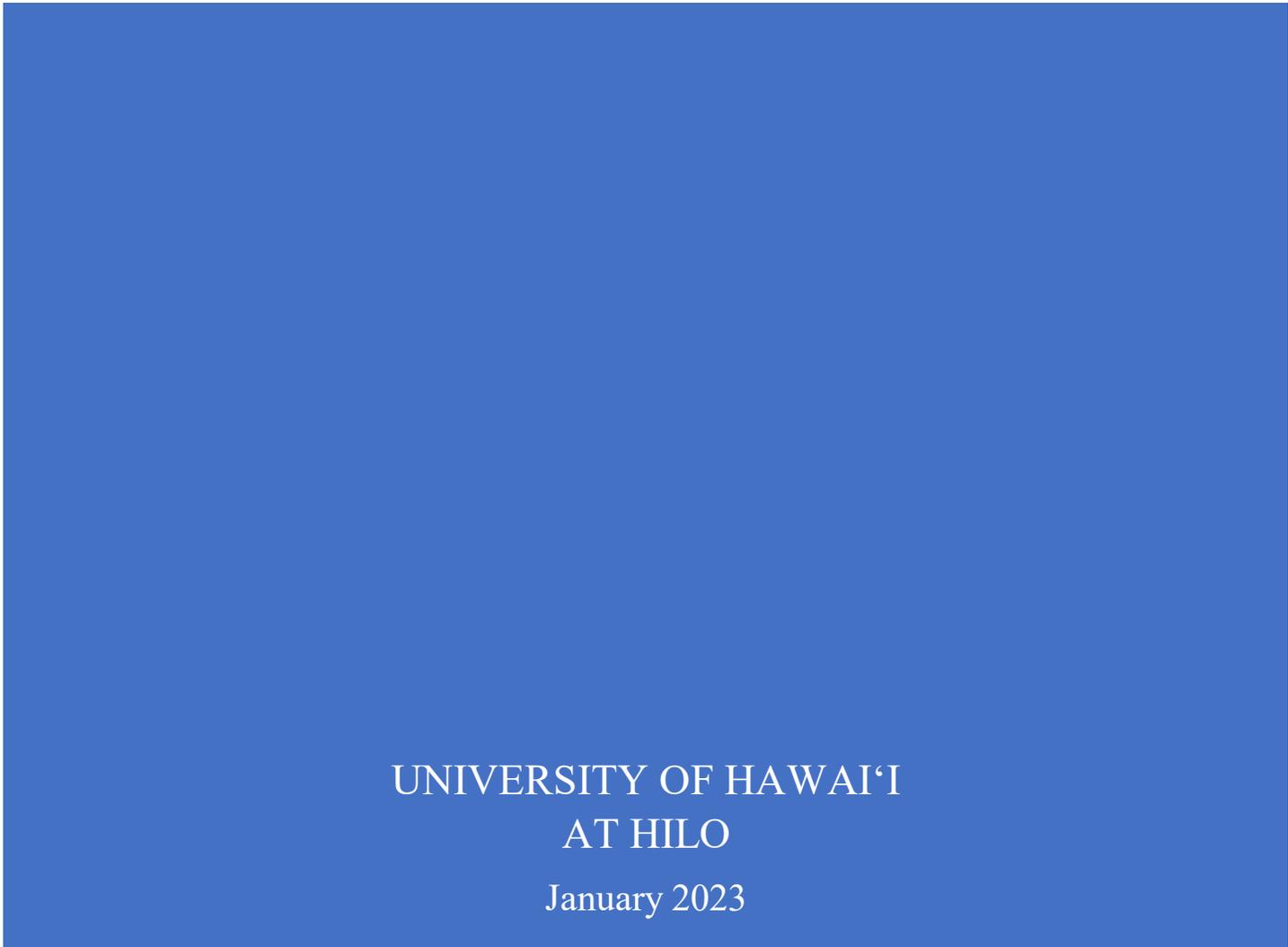
<sup>6</sup>See Attachment – Table 8

**Attachment**

(University of Hawai'i at Hilo)



INTERIM REPORT ONE  
FOR THE ESTABLISHMENT OF K-12 EXPANDED  
TEACHING COHORT PROGRAMS



UNIVERSITY OF HAWAI'I  
AT HILO

January 2023

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## About This Report

Interim Report One is respectfully submitted to the Hawai'i State Legislature to meet the requirements of Senate Bill 2359 SD1, HD1, Act 141<sup>1</sup>, which was signed into law on July 22, 2022. Per SECTION 2, the law requires the following.

(a) Beginning with the 2022-2023 academic year, the University of Hawai'i shall establish in each county, K-12 expanded teaching cohort programs for students who are pursuing undergraduate degrees in education.

(b) No later than twenty days before the regular sessions of 2023, 2024, and 2025, the University of Hawai'i shall submit interim reports to the legislature concerning its establishment of K-12 expanded teaching cohort programs for students who are pursuing undergraduate degrees in education, including:

(1) The number of additional programs in teaching that were made available, by academic semester;

(2) The number of students enrolled in the additional programs in teaching, by academic semester;

(3) The number of faculty needed to teach the additional programs in teaching, by academic semester;

(4) The cost of establishing additional programs in teaching, by academic semester; and

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<sup>1</sup> To view Senate Bill 2359—Act 141, please access the following URL: [https://www.capitol.hawaii.gov/sessions/session2022/bills/SB2359\\_.HTM](https://www.capitol.hawaii.gov/sessions/session2022/bills/SB2359_.HTM).

(5) The effect that making these additional programs in teaching has had on decreasing the shortage of qualified public-school teachers in Hawai'i.

(c) No later than twenty days before the regular session of 2026, the University of Hawai'i shall submit a final report to the legislature concerning its establishment of K-12 expanded teaching cohort programs for students who are pursuing undergraduate degrees in education, including:

- (1) The matters identified in paragraphs (b)(1) through (b)(5); and
- (2) Any recommendations, including any proposed legislation, regarding the establishment of additional teaching programs for students who are pursuing undergraduate degrees in education.

Interim Report One specifically addresses the above items 1 through 5, under subsection b of the law. Any questions or concerns about this report may be directed to Dr. Michael Bitter, Interim Dean, College of Arts and Science, University of Hawai'i at Hilo via email at [bitter@hawaii.edu](mailto:bitter@hawaii.edu) or via telephone at 808.932.7095.

## Part One

### The Number of Additional Programs in Teaching Made Available by Academic Semester

#### What We Currently Offer for Teacher Licensure at the University of Hawai'i at Hilo

The University of Hawai'i at Hilo<sup>2</sup> (UH-H) currently offers teacher licensure through the School of Education<sup>3</sup> and Kahuawaiola<sup>4</sup>. How teacher licensure is offered through each unit is provided below.

##### School of Education

Although the School of Education (SOE) does not currently offer an undergraduate Bachelor of Education degree program in teacher education, it does provide a post-baccalaureate option. Students with earned baccalaureate degrees may enter the Master of Arts in Teaching (MAT)<sup>5</sup> program. At the completion of program- and state-required coursework and fieldwork during year one, students are eligible for teacher licensure through the Hawai'i Teachers Standards Board<sup>6</sup>.

##### *Teacher Licensure Numbers for the School of Education*

Since its inception during the 2013-2014 academic year, 199 students have received teacher licensure (115 elementary and 84 secondary) through the UH Hilo School of Education Master of Arts in

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<sup>3</sup> For more information about the School of Education, please access the following URL:  
<https://hilo.hawaii.edu/depts/education/>.

<sup>4</sup> For more information about the Kahuawaiola Indigenous Teacher Education program, please access the following URL: <https://hilo.hawaii.edu/catalog/kahuawaiola-indigenous-teacher-education-program>.

<sup>5</sup> For more information about the Master of Arts in Teaching degree program, please access the following URL:  
<https://hilo.hawaii.edu/catalog/master-of-teaching-mat>.

<sup>6</sup> For more information about the Hawai'i Teachers Standards Board, please access the following URL:  
<https://hawaiiiteacherstandardsboard.org/>.

Teaching year-one licensure program. The cohort numbers, the years of enrollment, the number of elementary licensures, and the number of secondary licensures for year one of the Master of Arts in Teaching program are provided in Table 1 below.

<b>Table 1</b>										
<b>Number of Students Earning Teacher Licensure in the School of Education Master of Arts in Teaching Program</b>										
<b>Cohort</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>Total</b>
<b>Year</b>	<b>2013-2014</b>	<b>2014-2015</b>	<b>2015-2016</b>	<b>2016-2017</b>	<b>2017-2018</b>	<b>2018-2019</b>	<b>2019-2020</b>	<b>2020-2021</b>	<b>2021-2022</b>	
Elementary	15	16	18	13	15	11	8	11	8	115
Secondary	11	7	6	10	7	13	11	12	7	84
<b>Total</b>	<b>26</b>	<b>23</b>	<b>24</b>	<b>23</b>	<b>22</b>	<b>24</b>	<b>19</b>	<b>23</b>	<b>15<sup>7</sup></b>	<b>199</b>

*Teacher Licensure Fields for the School of Education*

Hawai'i Teacher Standards Board-approved teacher licensure fields for the UH Hilo School of Education are shown in Table 2 below.

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<sup>7</sup> Decreased enrollment numbers may be attributed to the impact of COVID.

<b>Table 2</b> <b>Hawai'i Teacher Standards Board-Approved Teacher Licensure Fields</b> <b>for the School of Education Master of Arts in Teaching Program</b>		
Licensure Fields		Grade Levels
1	Elementary Education	K-6
2	Art	6-12
3	Computer Science	6-12
4	Career and Technical Education (CTE)—Agriculture	6-12
5	Career and Technical Education (CTE)—Business	6-12
6	English	6-12
7	Health	6-12
8	Japanese	6-12
9	Mathematics	6-12
10	Music	6-12
11	Physical Education	6-12
12	Science	6-12
13	Social Studies	6-12
14	Spanish	6-12
15	Science, Technology, Engineering, and Mathematics (STEM)	6-12

*How We Plan to Expand Teacher Licensure in the School of Education*

The School of Education at the University of Hawai'i at Hilo intends to provide a high-quality, place-based, rural-focused, nationally-accredited, four-year undergraduate Bachelor of Science in

Educational Studies (BSES) degree program<sup>8</sup> to meet the need for highly-qualified teachers on Hawai'i Island and other outer islands in the state.

#### The Proposed Bachelor of Science in Educational Studies

In consideration of Senate Bill 2359—ACT 141, the School of Education submitted an Authorization to Plan for a Bachelor of Science in Educational Studies degree program on November 28, 2022. This plan is currently being routed for approval through UH-H and the UH System.

Once approved, the School of Education will create and submit a Provisional Degree Proposal for the Bachelor of Science in Educational Studies degree program. Once approved, it is anticipated that the first cohort of undergraduate students will begin their coursework and fieldwork in the Fall of 2024.

#### The Proposed Two-Plus-Two Agreements with Other Campuses

Further, the School of Education is currently working with Hawai'i Community College to develop a two-plus-two agreement that will enable their students to move seamlessly into the proposed Bachelor of Science in Educational Studies degree program at the University of Hawai'i at Hilo upon the completion of their associate-degree programs. The School of Education is also planning to work in the same manner with Maui College and Kauai Community College in the near future.

#### Kahuawaiola

Although Kahuawaiola does not currently offer an undergraduate Bachelor of Education degree program in indigenous teacher education, it does provide a post-baccalaureate option. Students with earned baccalaureate degrees may enter the Indigenous Teacher Education program. At the completion

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<sup>8</sup> Having a Bachelor of Science in Educational Studies provides two additional benefits—(1) the focus on science in preparation for science, technology, engineering, and mathematics (STEM) teaching and learning and (2) a strong fallback for teacher candidates who cannot meet the national PRAXIS examination requirements and may then serve as highly-qualified community educators.

of program- and state-required coursework and fieldwork, students are eligible for teacher licensure through the Hawai'i Teachers Standards Board.

*Teacher Licensure Numbers for Kahuawaiola Indigenous Teacher Education Program*

Since its inception in 1998, 146 students have completed the Indigenous Teacher Education program through Kahuawaiola. The class numbers, the years of enrollment, and the number of teacher licensures are provided in Table 3 below.

<b>Table 3</b>		
<b>Number of Students Earning Teacher Licensure in the Kahuawaiola Indigenous Teacher Education Program</b>		
<b>Class</b>	<b>Year</b>	<b>Number</b>
1	1998-2000	14
2	2001-2002	5
3	2003-2004	12
4	2005-2006	15
5	2007-2008	11
6	2008-2009	6
7	2010-2011	5
8	2011-2012	6
9	2012-2013	4

<b>Table 3</b>		
<b>Number of Students Earning Teacher Licensure in the Kahuawaiola Indigenous Teacher Education Program</b>		
<b>Class</b>	<b>Year</b>	<b>Number</b>
10	2013-2014	6
11	2014-2015	8
12	2015-2016	7
13	2016-2017	10
14	2017-2018	8
15	2018-2019	7
16	2019-2020	8
17	2020-2021	10
18	2021-2022	4 <sup>9</sup>
<b>Total</b>		<b>146</b>

*Teacher Licensure Fields for Kahuawaiola Indigenous Teacher Education Program*

Hawai'i Teacher Standards Board-approved teacher licensure fields for the Kahuawaiola Indigenous Teacher Education program are shown in Table 4 below.

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<sup>9</sup> Decreased enrollment numbers may be attributed to COVID.

<b>Table 4</b> <b>Hawai'i Teacher Standards Board-Approved Teacher Licensure Fields</b> <b>for the Kahuawaiola Indigenous Teacher Education Program</b>		
<b>Licensure Fields</b>		<b>Grade Levels</b>
1	Elementary Education	K-6
2	Hawaiian Language Immersion	P-3 P-12 K-6 6-12
3	Kaipuni Hawai'i/ Hawaiian Language Immersion	P-3 P-12 K-6 6-12
4	Hawaiian Knowledge	P-3 P-12 K-6 6-12

<b>Table 4</b> <b>Hawai'i Teacher Standards Board-Approved Teacher Licensure Fields</b> <b>for the Kahuawaiola Indigenous Teacher Education Program</b>		
<b>Licensure Fields</b>		<b>Grade Levels</b>
5	'Ōlelo Hawai'i/ Hawaiian Language	6-12
6	Hawaiian Studies	6-12

*How We Plan to Expand Teacher Licensure in the Kahuawaiola Indigenous Teacher Education Program*

The Kahuawaiola Indigenous Teacher Education program plans to increase the numbers within its current program first. Discussions are underway as to how to expand teacher licensure offerings in the future. More formal plans will be provided in the next annual report.

## Part Two

### The Number of Students Enrolled in the Additional Programs in Teaching by Academic Semester

#### School of Education

Until the Authority to Plan is approved and the Bachelor of Science in Educational Studies degree program is implemented, there are no additional undergraduate programs in teaching available at the University of Hawai'i at Hilo during this first reporting period.

Once offered, the School of Education anticipates that 25 to 30 students will enter the Bachelor of Science in Educational Studies degree program each academic year, based upon the popularity of the ACES program—the School of Education's **Academic Certificate in Educational Studies**<sup>10</sup>. Since the certificate program began in academic year 2011-2012, nearly 300 undergraduate students have been awarded the ACES, which may be considered an indicator of interest in the field of education. The number of Academic Certificates in Educational Studies awarded to undergraduate students each academic year is displayed in the Table 5 below.

<b>Table 5</b>	
<b>Academic Certificates in Educational Studies Awarded</b>	
<b>Academic Year</b>	<b>Number Awarded</b>
2011-2012	25
2012-2013	28

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<sup>10</sup> For more information about the School of Education Academic Certificate in Educational Studies, please access the following URL: <https://hilo.hawaii.edu/catalog/educational-studies-cert>.

<b>Table 5</b>	
<b>Academic Certificates in Educational Studies Awarded</b>	
<b>Academic Year</b>	<b>Number Awarded</b>
2013-2014	30
2014-2015	31
2015-2016	34
2016-2017	23
2017-2018	31
2018-2019	24
2019-2020	21
2020-2021	21
2021-2022	10 <sup>11</sup>
2022-2023	TBD
<b>Total</b>	<b>278</b>
<b>Average Per Academic Year</b>	<b>25</b>

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<sup>11</sup> Decreased ACES numbers may be attributed to COVID.

## Part Three

### The Number of Faculty Needed to Teach the Additional Programs by Academic Semester

#### School of Education

The School of Education intends to roll out the Bachelor of Science in Educational Studies degree program in nine discreet phases by academic semester following the timeline displayed in Table 6 below.

<b>Table 6</b>		
<b>Bachelor of Science in Educational Studies Degree Program Timeline</b>		
<b>Phase</b>	<b>Academic Term</b>	<b>Events</b>
Phase One <sup>12</sup>	Fall of 2022	Develop and submit the <b>Authorization to Plan</b> for the proposed Bachelor of Science in Educational Studies degree program through UH Hilo and the UH System.
Phase Two	Spring of 2023	Develop and submit the <b>Provisional Degree Proposal</b> for the proposed Bachelor of Science in Educational Studies degree program through UH Hilo, the UH System, and the Board of Regents.
Phase Three	Fall of 2023	Develop and submit an <b>Application for National Accreditation</b> through AAQEP <sup>13</sup> (Association for Advancing Quality in Educator

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<sup>12</sup> Phase One is complete.

<sup>13</sup> For more information about AAQEP, national accreditors for teacher preparation programs, please access the following URL: <https://aaqep.org/>.

Table 6		
Bachelor of Science in Educational Studies Degree Program Timeline		
Phase	Academic Term	Events
		Preparation) for the Bachelor of Science in Educational Studies degree program.
		Develop and submit a <b>Request for Substantive Change Staff Review</b> through WSCUC <sup>14</sup> (WASC Senior College and University Commission) for the Bachelor of Science in Educational Studies degree program.
Phase Four	Spring of 2024	Develop and submit a <b>Letter of Intent</b> and an <b>Application for Approval to Offer an Elementary Education (K-6) Licensure Program</b> through the Hawai'i Teachers Standards Board for the Bachelor of Science in Educational Studies degree program.
Phase Five	Fall of 2024	Welcome <b>Cohort One</b> into the Bachelor of Science in Educational Studies degree program with one track—Elementary Education.
Phase Six	Spring of 2025	Develop and submit a <b>Letter of Intent</b> and an <b>Application for Approval to Offer an Early Childhood (P-3) Licensure Program</b> through the Hawai'i Teachers Standards Board for the Bachelor of Science in Educational Studies degree program.
Phase Seven	Fall of 2025	Welcome <b>Cohort Two</b> into the Bachelor of Science in Educational Studies degree program with two tracks—Elementary Education and Early Childhood Education.

<sup>14</sup> For more information about WSCUC, please access the following URL: <https://www.wscuc.org/about/>.

<p style="text-align: center;"><b>Table 6</b></p> <p style="text-align: center;"><b>Bachelor of Science in Educational Studies Degree Program Timeline</b></p>		
<b>Phase</b>	<b>Academic Term</b>	<b>Events</b>
Phase Eight	Spring of 2026	Develop and submit a <b>Letter of Intent</b> and an <b>Application for Approval to Offer a Secondary Education (6-12) Licensure Program</b> through the Hawai'i Teacher Standards Board for the Bachelor of Science in Educational Studies degree program.
Phase Nine	Fall of 2026	Welcome <b>Cohort Three</b> into the Bachelor of Science in Educational Studies degree program with three tracks—Elementary Education, Early Childhood Education, and Secondary Education.

Based upon the above timeline, the School of Education is requesting additional faculty members as the Bachelor of Science in Educational Studies degree program rolls out. The request for three legislated faculty positions and one non-faculty position is displayed in Table 7 below.

<p style="text-align: center;"><b>Table 7</b></p> <p style="text-align: center;"><b>School of Education Request for Faculty</b></p>		
<b>Term</b>	<b>Position Requested</b>	<b>Explanation of Duties</b>
Spring 2023	Faculty— Assistant Professor for Elementary Education	<ul style="list-style-type: none"> <li>To assist with the design and development of the Bachelor of Science in Education degree program and its Elementary Education track, including student learning outcomes, scope and sequence, course syllabi, and assessments for the Provisional Degree Proposal.</li> </ul>

**Table 7**  
**School of Education Request for Faculty**

<b>Term</b>	<b>Position Requested</b>	<b>Explanation of Duties</b>
		<ul style="list-style-type: none"> <li>• To assist with the development and submission of the Application for National Accreditation through AAQEP.</li> <li>• To assist with the development and submission of the Request for Substantive Change Staff Review through WSCUC.</li> <li>• To assist with the development and submission of an Application for Approval to Offer an Elementary Education (K-6) Licensure program through the Hawai'i Teachers Standards.</li> <li>• To assist with Elementary Education articulation agreements with community colleges on the outer islands.</li> <li>• To teach courses in the Elementary Education track of the Bachelor of Science in Educational Studies degree program.</li> </ul>
Fall 2023	Faculty— Assistant Professor for Early Childhood Education	<ul style="list-style-type: none"> <li>• To assist with the design and development of the Bachelor of Science in Education degree program Early Childhood Education track, including student learning outcomes, scope and sequence, course syllabi, and assessments.</li> <li>• To assist with the development and submission of an Application for Approval to Offer an Early Childhood</li> </ul>

<b>Table 7</b>		
<b>School of Education Request for Faculty</b>		
<b>Term</b>	<b>Position Requested</b>	<b>Explanation of Duties</b>
		<p>Education Licensure program through the Hawai'i Teachers Standards Board.</p> <ul style="list-style-type: none"> <li>• To assist with Early Childhood Education articulation agreements with community colleges on the outer islands.</li> <li>• To teach courses in the Early Childhood Education track of the Bachelor of Science in Educational Studies degree program.</li> </ul>
	Non-Faculty— Administrative, Professional, and Technical (APT)	<ul style="list-style-type: none"> <li>• To assist with recruitment efforts on both sides of Hawai'i Island and other outer islands.</li> <li>• To assist with placing teacher candidates within the schools on both sides of Hawai'i Island and other outer islands.</li> <li>• To assist with advising students.</li> <li>• To assist with preparation of students for national examinations.</li> <li>• To assist with student retention efforts.</li> </ul>
Fall 2024	Faculty— Assistant Professor for Secondary Education	<ul style="list-style-type: none"> <li>• To assist with the design and development of the Bachelor of Science in Education degree program Secondary Education track, including student learning outcomes, scope and sequence, course syllabi, and assessments.</li> </ul>

<b>Table 7</b>		
<b>School of Education Request for Faculty</b>		
<b>Term</b>	<b>Position Requested</b>	<b>Explanation of Duties</b>
		<ul style="list-style-type: none"> <li>• To assist with the development and submission of an Application for Approval to Offer a Secondary Education Licensure program through the Hawai'i Teachers Standards Board.</li> <li>• To assist with Secondary Education articulation agreements with departments across campus that provide coursework in specific content areas, such as mathematics, English, social studies, and physical education.</li> <li>• To assist with Secondary Education articulation agreements with community colleges on the outer islands.</li> <li>• To teach courses in the Secondary Education track of the Bachelor of Science in Educational Studies degree program.</li> </ul>

Kahuawaiola

The Kahuawaiola Indigenous Teacher Education program requests one legislated faculty position and one non-faculty position as displayed in Table 8 below.

<p style="text-align: center;"><b>Table 8</b> <b>Kahuawaiola Request for Faculty</b></p>		
<b>Term</b>	<b>Position Requested</b>	<b>Explanation of Duties</b>
Spring 2023	Faculty— Assistant Professor for Indigenous Teacher Education	<ul style="list-style-type: none"> <li>• To assist with the growth of the Indigenous Teacher Education program.</li> <li>• To teach courses in the Indigenous Teacher Education program.</li> </ul>
	Non-Faculty— Administrative, Professional, and Technical (APT)	<ul style="list-style-type: none"> <li>• To assist with recruitment efforts.</li> <li>• To assist with advising students.</li> <li>• To assist with placing teacher candidates within the schools.</li> <li>• To assist with preparation of students for national examinations.</li> <li>• To assist with student retention efforts.</li> </ul>

## Part Four

### The Cost of Establishing Additional Programs by Academic Semester

#### School of Education Estimated Costs

The School of Education requests funds in the amount of \$335,000 to cover the costs of designing, developing, and implementing the Bachelor of Science in Educational Studies degree program at the University of Hawai'i at Hilo over the next two academic years. The estimated costs by academic semester are displayed in Table 9 below.

<b>Table 9</b>			
<b>Estimated Costs for the Bachelor of Science in Educational Studies Degree Program</b>			
<b>Academic Semester</b>	<b>For</b>	<b>Estimated Costs</b>	<b>Total</b>
Spring 2023	Faculty— Assistant Professor for Elementary Education	\$75,000	
	Faculty Start Up	\$3,000	
	Elementary Education Track Start Up	\$6,000	
			\$84,000
Fall 2023	Faculty— Assistant Professor for Early Childhood Education	\$77,000	

<b>Table 9</b>			
<b>Estimated Costs for the Bachelor of Science in Educational Studies Degree Program</b>			
<b>Academic Semester</b>	<b>For</b>	<b>Estimated Costs</b>	<b>Total</b>
	Faculty Start Up	\$3,000	
	Non-Faculty— Administrative, Professional, and Technical (APT)	\$50,000	
	APT Start Up	\$3,000	
	Early Childhood Education Track Start Up	\$6,000	
	Recruitment	\$12,000	
			\$151,000
Fall 2024	Faculty— Assistant Professor for Secondary Education	\$79,000	
	Faculty Start Up	\$3,000	
	Secondary Education Track Start Up	\$6,000	
	Recruitment	\$12,000	
			\$100,000
<b>Total</b>			<b>\$335,000</b>

Kahuawaiola Estimated Costs

Kahuawaiola requests funds in the amount of \$139,000 to cover the costs of expanding the Indigenous Teacher Education program at the University of Hawai'i at Hilo over the next academic year. The estimated costs are displayed in Table 10 below.

<b>Table 10</b> <b>Estimated Costs for Expanding the Indigenous Teacher Education Program</b>			
<b>Academic Semester</b>	<b>For</b>	<b>Estimated Costs</b>	<b>Total</b>
Fall 2024	Faculty— Assistant Professor for Indigenous Teacher Education	\$77,000	
	Faculty Start Up	\$3,000	
	Non-Faculty— Administrative, Professional, and Technical (APT)	\$50,000	
	APT Start Up	\$3,000	
	Recruitment	\$6,000	
<b>Total</b>			<b>139,000</b>

## Part Five

### The Effect That Making These Additional Programs in Teaching Has Had on Decreasing the Shortage of Qualified Public-School Teachers in Hawai'i

There is no information to provide for this part of Interim Report One at this time.