





UNIVERSITY OF HAWAI'I* LEEWARD COMMUNITY COLLEGE

UNIVERSITY OF HAWAI'I ARTICULATION AGREEMENT Leeward Community College Associate in Science degree in Teaching to the University of Hawai'i-West O'ahu Bachelor of Education with a concentration in Elementary Education, Middle-Level Education or Secondary Education

The purpose of this Agreement is to facilitate a smooth transition for students from the Leeward Community College Associate in Science in Teaching (AST) program to the University of Hawai'i-West O'ahu Bachelor of Education (B.Ed) with a concentration in Elementary Education (K-6), Middle-Level Education (6-8) or Secondary Education (6-12) program. This recommended pathway is designed to produce multiple entry and exit points to flexibly serve student career and educational objectives. Students may use dual enrollment as a method of completing the required coursework outlined in the attachments to this agreement, contingent upon eligibility, deadlines, and established procedures.

Students must graduate from Leeward Community College with the articulated AS degree in Teaching to be eligible for the benefits of this Agreement. Completion of the articulated AST degree will enable students to follow the University of Hawai'i-West O'ahu core, concentration, general education, focus, and graduation requirements in place on the effective term of this agreement. Participation in the University of Hawai'i Automatic Admissions transfer process is possible for students planning to complete the AS in Teaching provided that eligibility, deadlines and procedures established for the designated term of entry are met. Students who do not complete the AS in Teaching degree at Leeward Community College will be required to meet catalog requirements in place upon admission to the University of Hawai'i-West O'ahu. While this academic pathway represents the most efficient coursework progression from the AST program at Leeward Community College through the B.Ed program at the University of Hawai'i-West O'ahu, individual course substitutions may be made on a case-by-case basis when recommended courses are not available; however, all core, concentration, general education, focus, and graduation requirements must still be met in those individual cases.

Upon admissions to the University of Hawai'i-West O'ahu, teacher candidates may declare elementary, middle-level or secondary education as their area of concentration

and begin pre-professional education coursework. Criteria for the final acceptance into the professional teacher education sequence of 400-level courses is as follows:

1. Submit an Application for Teacher Education (APTE) to the Division of Education by the 1st week of the semester preceding anticipated enrollment.

2. Completion of a minimum of 55 credits.

3. All Concentrations: Completion of EDEF 200, EDEF 201, EDEF 310, ENG 100, ENG 200, PSY 342, and SPED 304 with a grade of C- or better.

- All Elementary: Completion of PSY 340 (or PSY 240 or HDFS 230) with a grade of C- or better.
- All Middle-Level and Secondary: Completion of EDEF 345 and PSY 343 with a grade of C- or better.
- Math Requirement:
 - Elementary: MATH 111 with a grade of C- or better
 - Middle-Level and Secondary English and Social Studies: MATH 100 or higher with a grade of C- or better.
 - Middle-Level Math: MATH 112 with a grade of C- or better.
 - Secondary Math: MATH 241or higher with a grade of C- or better.
 - Middle-Level/Secondary General Science and Secondary Biology: MATH 103 of higher with a grade of C- or better.

4. 2.5 Overall GPA, including all college credits transferred to the University of Hawai'i-West O'ahu.

5. Fingerprinting and criminal background check clearance by the Hawai`i Department of Education.

To ensure efficient time to graduation, Leeward Community College AST candidates intending to transfer to the University of Hawai'i-West O'ahu are strongly encouraged to do the following:

• Fulfill their General Education Foundation and Diversification requirements with courses that will simultaneously meet the University of Hawai'i-West O'ahu B.Ed program requirements in the Liberal Arts as follows:

Elementary Education:

- GEO 102 (FGB) <u>or</u> GEO 151 (FGC)
- HIST 151 (FGA)
- HWST 107 (DH, HAP)
- MATH 111

- MATH 112 (FQ)
- MUS 253 (DA), MUS 108 (DA) <u>or</u> ART 101 (DA)
- PSY 100 (DS)
- HDFS 230 (DS)
- Biological Science (DB)
- Physical Science (DP) *Recommend Chemistry or Physics
- Laboratory (DY)

Middle-level and Secondary English

- HWST 107 (DH, HAP)
- MATH 100 or higher (FQ)
- PSY 100 (DS)

Middle-level and Secondary Social Studies

- HIST 151 (FGA)
- HIST 152, GEOG 102 or ANTH 152 (FGB)
- HWST 107 (DH, HAP)
- ECON 131, POLS 110 or SOC 100 (DS)
- MATH 100 or higher (FQ)
- PSY 100 (DS)

Middle-level General Science

- BOT 101/L (DB, DY)
- BIOC 141, CHEM 100/L, ERTH 101/L or PHYS 100/L (DP)
- HWST 107 (DH, HAP)
- MATH 103 or higher (FQ)
- PSY 100 (DS)

Secondary General Science

- BOT 101/L (DB, DY)
- BIOC 141, CHEM 161/L, ERTH 101/L or PHYS 151/L (DP)
- HWST 107 (DH, HAP)
- MATH 103 or higher (FQ)
- PSY 100 (DS)

Secondary Biology

- BIOL 171/L (DB, DY)
- CHEM 161/L (DP)
- HWST 107 (DH, HAP)

- MATH 103 or higher (FQ)
- PSY 100 (DS)

Middle-level Mathematics

- HWST 107 (DH, HAP)
- MATH 111
- MATH 112 (FQ)
- PSY 100 (DS)

Secondary Mathematics

- HWST 107 (DH, HAP)
- MATH 241 (FQ)
- PSY 100 (DS)

The following course substitutions will be made for Teacher Candidates who have earned the Leeward Community College Associate in Science in Teaching (AST) degree. These course substitutions are <u>reciprocal</u>: UHWO courses may be transferred to the Leeward Community College AST program.

To facilitate timely progress towards graduation, Teacher Candidates are highly encouraged to complete the Leeward Community College Education courses designated below, as part of their AST program.

Leeward Community College Education	UHWO will recognize the following course	
(ED) courses must be completed with a	substitutions only for Graduates of the	
grade of C- or higher in order to transfer.	Leeward Community College AST program.	
ED 279 Educational Media and	 ETEC 279 Educational Media and	
Technology (AST Elective)	Technology	
ED 284 Foundations of Inclusion in	 SPED 304 Foundations of Inclusive	
Teaching (AST Elective)	Schooling	
ED 289 Educational Psychology (AST Elective)	 PSY 342 Educational Psychology 	
ED 290 Foundations of Education (AST Core Education Course)	 EDEF 310 Education in American Society* 	
 ED 296 Intro to Art, Music &	 EDEE 325 Creative and Performing	
Movement in the Classroom (AST	Arts *Requirement for Elementary	
Elective)	Education only	
 ED 285 Classroom Management within the Instructional Process ED 291 Developing Language & Literacy I 	 EDEF 200 Early Field Experience** 	

Leeward Community College Education (ED) courses must be completed with a grade of C- or higher in order to transfer.	UHWO will recognize the following course substitutions only for Graduates of the Leeward Community College AST program.	
 ED 295 Field Experience in Education 		
(AST Core Education courses)		
ED 100 Introduction to Education (AST Elective)	EDEF 201 Introduction to Teaching as a Career	

*EDEF 310 at UHWO is designated as a Writing Intensive (WI), ED 290 does not count towards the 3 Upper Division Writing Intensive requirement for graduation.

**EDEF 200 cannot be transferred into Leeward Community College to fulfill ED 285, ED 291 & ED 295 for the AST degree

<u>NOTE:</u> Middle-level and secondary education candidates should complete required content courses deemed equivalent by the University of Hawai'i-West O'ahu. (See UHWO College Success Advisors for information on required courses that simultaneously meet General Education requirements).

Teacher Candidates must ultimately meet all UHWO graduation and focus requirements, including Hawaiian Asian Pacific (HAP), Oral Communication (OC), Contemporary Ethical Issues (ETH) and 3 Upper Division Writing Intensive (WI) courses.

Under the terms of this Agreement, the University of Hawai'i-West O'ahu agrees to:

- 1. Identify Success Advisors at the University of Hawai'i-West O'ahu who will partner with Leeward Community College Counselors to ensure timely and accurate advising information on pre-admission, admission, degree requirements, and other related advising information.
- 2. Identify a Success Advisor at the University of Hawai'i-West O'ahu who will work with their campus STAR personnel to develop an accurate STAR pathway for students pursuing this articulation agreement.
- 3. Identify a University of Hawai'i-West O'ahu faculty member who will serve as the faculty advisor to students who are part of this articulation in the selected concentration.
- 4. Inform students that financial aid may be available through either institution as the student identifies his/her home campus each semester, and that students must follow the financial aid policies and procedures at that home school in order to be eligible for financial aid.

5. Meet with Leeward Community College faculty and/or administration minimally every three years, or on an as-needed basis, to discuss potential and planned curricular changes.

Under the terms of this Agreement, Leeward Community College agrees to:

- 1. Place a notation in the advisor notes in STAR which identifies AS in Teaching students intending to transfer to the University of Hawai'i-West O'ahu who are in the process of completing the AS degree and are a part of this articulation.
- 2. Identify a Counselor at Leeward Community College who will partner with the University of Hawai'i-West O'ahu advisors to ensure timely and accurate advising information on pre-admission, admission, degree requirements, and other relevant advising information.
- 3. Identify a Leeward Community College faculty member who will serve as the faculty advisor to students who are part of the articulation.
- 4. Inform students that financial aid may be available through either institution as the student identifies his/her home campus each semester, and that students must follow the financial aid policies and procedures at that home school in order to be eligible for financial aid.
- 5. Meet with the University of Hawai'i-West O'ahu faculty and/or administration minimally every three years, or on an as needed basis, to discuss potential and planned curricular changes.

This Articulation Agreement is effective beginning Fall 2021 and is based on the General Education and Focus requirements in effect at the University of Hawai'i-West O'ahu for 2021-2022.

This Agreement will be subject to review in academic year 2024 and may be continued, revised or discontinued with the consent of both parties. Should both parties agree to terminate the Agreement, the University of Hawai'i-West O'ahu will honor the Agreement stipulations for identified students currently enrolled in this articulation option at the time of termination.

Requirements of the articulated Associate in Science in Teaching and the Bachelor of Education with a concentration in Elementary Education, Middle-level Education and Secondary Education are provided as attachments and form the basis of this Agreement. Subsequent changes to the curricular requirements of these programs may require revisions to this Agreement.

Bachelor of Education, Elementary Education

(Leeward Community College AS in Teaching Articulation Agreement Effective Fall 2021)

The goal of academic advising is to further enhance the educational mission of the university, and create quality, accessible advising partnerships with all students in a positive environment that supports student success. This advising sheet is for tracking purposes toward degree completion and is subject to change. Students also may track their academic progress via STAR Degree Check through STAR GPS at https://www.star.hawaii.edu/. Academic Advising appointments may be scheduled by calling 808-689-2689 or toll-free from neighbor islands at 866-299-8656.

UHWO GPA

CONCENTRATION GPA

Graduation Requirements (see the current catalog for any additional graduation requirements):

□ 45 Upper Division Credits	Minimum 🛛	3 Upper Divis	sion Writing Intensive Co	ourses	2.0
□120 Total Credits Minimur	n 🛛	Focus Requi	rements (OC, HAP, ETH	H)	□ 2.0
30 UHWO Credits					

General Education Requirements: 31 credits

Credits	Course Alpha / Number / Title	
3	Foundations Written Communications (FW) /Leeward CC ENG 100 ENG 100 Composition I	
3	Foundations Symbolic Reasoning (FS) OR Foundations of Quantitative Reasoning (FQ) MATH 112 Math for Elementary School Teachers II /Leeward CC MATH 111 or MATH 112	
6	Foundations Multicultural Perspectives (FG): Leeward CC HIST 151 and GEOG 102 or 151 6 credits from two <u>different</u> groups (A, B, C): _{RAFT} *Group A: Primarily before 1500 CE (e.g. HIST 151) *Group B: Primarily after 1500 CE (e.g. GEOG 102) *Group C: Pre-history to present (e.g. GEOG 151)	
6	Diversification Arts, Humanities & Literature (DA, DH, DL): 6 credits from two different areas /Leeward CC HWST 107 (DH, HAP) and ART 101 or MUS 108 or MUS 253 (DA)	
3	Diversification Social Sciences (DS): /Leeward CC PSY 100	
3	Diversification Social Sciences (DS): Different area from above. /Leeward CC Any DS other than PSY	
3	Diversification Natural Sciences (DB, DP, DY): /Leeward CC (DB) 3 credits from the biological sciences (DB):	
3	3 credits from the physical sciences (DP): /Leeward CC (DP), Recommend CHEM or PHYS	
1	1 credit of laboratory (DY): /Leeward CC Lab (DY)	

Elementary Education Program Requirements: 3-25 credits

Credits	Course Alpha / Number / Title
0-3	Art 101, MUS 106, MUS 107, MUS 108, or MUS 253 or other approved course in Arts. (can also satisfy general ed DA/DH above) /Leeward CC ART 101, MUS 108, MUST 253
0-3	3 credits from the biological sciences (DB): (can also satisfy general ed DB above) /Leeward CC (DB)
0-3	3 credits from the physical sciences (DP): (can also satisfy general ed DP above) /Leeward CC (DP)
0-1	1 credit of laboratory (DY): (can also satisfy general ed DY above) /Leeward CC (DY)
0-3	HIST 151 World History to 1500 (can also satisfy general ed FGA above) /Leeward CC HIST 151
0-3	GEOG 102 World Regional or GEOG 151 Geography and Contemporary Society /Leeward CC GEO102 or GEO 151 (in some cases, can also satisfy general ed FGB or FGC above)
0-3	HWST 107 Hawaii: Center of the Pacific or other HAP(can also satisfy general ed DH above) /Leeward CC
0-3	PSY 100 Survey of Psychology (can also satisfy general ed DS above) /Leeward CC PSY 100

Earth Science* (choose one from list below):

ASTR 110 Survey of Astronomy ASTR 130 Intro to Space Science ASTR 150 Life in the Universe GEOG 101 The Natural Environment GEOL 101 Dynamic Earth GEOL 111 Understanding the Earth GEOL 122 Introduction to Earth Science

GEOL 168 Planetary Science in the Classroom

GEOL 200 Geologic Inquiry

GEOL 205 Geology of the Hawaiian Islands

GG 101 Introduction to Geology

GG 103 Geology of the Hawaiian Islands

GG 105 Voyage through the Solar System

MARE 201 Oceanography

MET 101 Introduction to Meteorology MET 207 Introduction to Atmospheric Studies

MET 207 Introduction to Atmospheric Studies MET 209 Introduction to Climate Studies

MET 209 Introduction to Climate Studies

OCN 201 Science of the Sea *Important note: Earth Science is a BEd program requirement in addition to general ed DP/DB above. (cannot be double counted here and in general ed DP/DB above)

Credits	Course Alpha / Number / Title
3	

Writing Skills Requirement: 3 credits

Credits	Course Alpha / Number / Title
3	ENG 200 Composition II (or equivalent) with a "C-" or higher /Leeward CC ENG 200

Educational Foundations: 12-21 credits (9-12UD)

Credits	Course Alpha / Number / Title	
3	ETEC 279 Educational Media & Technology /Leeward CC ED 279	
3	SPED 304 Foundations of Inclusive Schooling (20 hours of service learning required)(May be used to fulfill OC and DS requirement) /Leeward CC ED 284	
3	ENG 383 Children's Literature (in some cases can also satisfy general ed DL)	
3	MATH 111 Math for Elementary School Teachers I /Leeward CC MATH 111	
3	MATH 112 Math for Elementary School Teachers II (can also satisfy general ed FS/FQ)	
3	PSY 340 Childhood & Adolescence (or PSY 240 or HDFS230) /Leeward CC PSY 240 or HDFS 230	
3	PSY 342 Educational Psychology /Leeward CC ED 289	

Pre-Professional Teacher Education Courses: 12 credits (9 UD)

Credits	Course Alpha / Number / Title	
3	EDEF 200 Early Field Experience (1 cr) (45 hours in assigned DOE classroom) /Leeward CC ED 285,291,295 EDEF 201 Introduction to Teaching as a Career (2 cr) /Leeward CC ED 100 Prerequisite: Placement into ENG 100 or concurrent enrollment in ENG 22.	
3	EDEF 310 Education in American Society (20 hours of service learning required) /Leeward CC ED 290 Prerequisite: Sophomore or higher-level standing; completion of EDEF 200 and 201 with "C-" or higher or concurrent enrollment	
3	EDEE 324 Health, Physical Education, & Movement (3 credits) (15 hours of service learning required) Prerequisite: Completion of EDEF 310 with a "C-" or higher or concurrent enrollment.	
3	EDEE 325 Creative & Performing Arts (3 credits) /Leeward CC ED 296 Prerequisite: Completion of EDEF 310 with a "C-" or higher or concurrent enrollment.	

PROFESSIONAL TEACHER EDUCATION REQUIREMENTS: 30 credits

Admission Requirements - Approval of Application for Professional Teacher Education (APTE):

- 1. Submit an Application for Teacher Education (APTE) to the Division of Education by the 1st week of the semester preceding anticipated enrollment.
- 2. Completion of a minimum of 55 credits.
- 3. "C-" or higher in EDEF 200, EDEF 201, EDEF 310, and SPED 304. "C-" or higher in ENG 100, ENG 200, MATH 111, PSY 340 (or PSY 240 or FAMR 230), and PSY 342.
- 4. 2.5 Overall GPA; This includes GPA for credits transferred to UHWO.
- 5. Fingerprinting and criminal background check clearance by the Hawai`i Department of Education.

Credits	Course Alpha / Number / Title
12	BLOCK 1 Prerequisite: APTE approval SPED 405 Educating Students with Disabilities EDEE 402 Social Studies Methods EDEF 404 WI Teaching Culturally & Linguistically Diverse Learners EDEE 406 Block 1 Practicum with Seminar (45 hours in assigned DOE classroom)
9	BLOCK 2 Prerequisite: Completion of all Block 1 courses with "C-" or higher and prior or concurrent enrollment in ENG 383 EDEE 422 Reading Methods EDEE 424 WI Language Arts Methods EDEE 426 Block 2 Precedence (45 hours in assigned DOE classroom)
9	BLOCK 3 Prerequisite: MATH 111 and MATH 112 with grades of "C-" or higher; completion of all Block 1 and Block 2 courses with grade of "C-" or higher EDEE 462 Math Methods EDEE 464 Science Methods EDEE 466 Block 3 Practicum with Seminar (45 hours in assigned DOE classroom)

THE PROFESSIONAL SEMESTER: 15 credits

Student Teaching Application Requirements: (submit 8 mos. prior to enrollment in student teaching)

1. Completion of all required Pre-professional & Professional and Professional Teacher Education courses.

- 2. 2.75 GPA or higher for the Methods Block courses (400-level series).
- 3. 2.5 overall or higher GPA, with no grade lower than a "C-" for all Education courses.
- 4. Content knowledge verification, must complete one of the options below:
 - Passing of Praxis II Content Knowledge Test. HTSB website http://www.ets.org/praxis/hi/requirements. **OR**
 - Complete a total of 36 credits, including 9 credits in each of the 4 content areas, with a 2.50+ GPA: Language Arts, Mathematics, Science & Social Studies. At least 3 credits in each of the 4 content areas must be upper division.

Credits	Course Alpha / Number / Title
12	EDEE 490 Student Teaching
3	EDEE 492 WI Student Teaching Seminar

Bachelor of Education, Middle-level Education (6-8), English

(Leeward Community College AS in Teaching Articulation Agreement Effective Fall 2021)

The goal of academic advising is to further enhance the educational mission of the university, and create quality, accessible advising partnerships with all students in a positive environment that supports student success. This advising sheet is for tracking purposes toward degree completion and is subject to change. Students also may track their academic progress via STAR Degree Check through STAR GPS at https://www.star.hawaii.edu/. Academic Advising appointments may be scheduled by calling 808-689-2689 or toll-free from neighbor islands at 866-299-8656.

Graduation Requirements (see the current catalog for any additional graduation requirements):

45 Upper Division Credits Minimum	□ 3 Upper Division Writing Intensive Courses	□ 2.0 UHWO GPA
□120 Total Credits Minimum	Focus Requirements (OC, HAP, ETH)	□ 2.0 CONCENTRATION GPA
30 UHWO Credits		

*Dual Degree: The Division of Education currently offers a dual degree in Middle-Level or Secondary English Education and English. Upon successful completion of the B.Ed in English Education, 6-8 or 6-12, the student will also be awarded the Bachelor of Arts Degree in Humanities with a concentration in English.

General Education Requirements: 31 credits

Credits	Course Alpha / Number / Title
3	Foundations Written Communications (FW) /Leeward CC ENG 100 ENG 100 Composition I
3	Foundations Symbolic Reasoning (FS) OR Foundations of Quantitative Reasoning (FQ): MATH 100 or higher /Leeward CC MATH 100 or higher
6	Foundations Multicultural Perspectives (FG): /Leeward CC FGA/FGB/FGC 6 credits from two <u>different</u> groups (A, B, C): *Group A: Primarily before 1500 CE (e.g., HIST 151 or ANTH 151) *Group B: Primarily after 1500 CE (e.g., HIST 152 or ANTH 152) *Group C: Pre-history to present
6	Diversification Arts, Humanities & Literature (DA, DH, DL): 6 credits from two different areas /Leeward CC HWST 107 (DH, HAP) and any DA
3	Diversification Social Sciences (DS): /Leeward CC PSY 100
3	Diversification Social Sciences (DS): Different area from above. /Leeward CC Any DS other than PSY
3	Diversification Natural Sciences (DB, DP, DY): /Leeward CC (DB) 3 credits from the biological sciences (DB):
3	3 credits from the physical sciences (DP): /Leeward CC (DP)
1	1 credit of laboratory (DY): /Leeward CC Lab (DY)

Writing Skills Requirement: 3 credits

Credits	Course Alpha / Number / Title
3	ENG 200 Composition II (or equivalent) with a "C-" or higher /Leeward CC ENG 200

Lower Division Math Requirement: 0-3 credits

Credits	Course Alpha / Number / Title
0 or 3	MATH 100 with a "C-" or higher (can also satisfy general ed FS/FQ above) /Leeward CC MATH 100 or higher

Educational Foundations: 9-15 credits

Credits	Course Alpha / Number / Title
3	ETEC 279 Educational Media & Technology /Leeward CC ED 279
3	SPED 304 Foundations of Inclusive Schooling (20 hours of service learning required)(May be used to fulfill OC and DS requirement) /Leeward CC ED 284
3	PSY 100 Survey of Psychology (can also satisfy general ed DS above) /Leeward CC PSY 100

Credits	Course Alpha / Number / Title
3	PSY 342 Educational Psychology /Leeward CC ED 289
3	PSY 343 Adolescent Psychology

Pre-Professional Teacher Education Courses: 9 credits

Credits	Course Alpha / Number / Title
3	EDEF 200 Early Field Experience (1 cr) (45 hours in assigned DOE classroom) /Leeward CC ED 285,291,295 EDEF 201 Introduction to Teaching as a Career (2 cr) /Leeward CC ED 100 Prerequisite: Placement into ENG 100 or concurrent enrollment in ENG 22.
3	EDEF 310 Education in American Society (20 hours of service learning required) /Leeward CC ED 290 Prerequisite: Sophomore or higher-level standing; completion of EDEF 200 and 201 with "C-" or higher or concurrent enrollment
3	EDEF 345 Introduction to Middle-level & Secondary Education (45 hours in assigned DOE classroom) Prerequisite: completion of EDEF 200 and 201 with "C-" or higher and prior or concurrent enrollment in EDEF 310.

Teaching Area English: 24-30 credits

*3 to 6 Credits may fulfill DA, DH, DL in General Education Requirements Above

Theory and Analysis: 3 credits

Choose one from the following:

ENG 402 History of the English Language ENG 300F Expository Writing for Teachers

Credits	Course Alpha / Number / Title
3	

Written Discourse/Creative Writing: 3 credits Choose one from the following

ENG 312 Creative Writing Strategies for Teachers ENG 313 Introduction to Creative Writing ENG 317 Pidgin Creative Writing Workshop

Credits	Course Alpha / Number / Title
3	

Literature: 15 credits

Credits	Course Alpha / Number / Title
3	ENG 240 Introduction to Literary Studies

Choose 6 credits from the following:

ENG 250 American Literature Survey ENG 253 Survey of World Literature I ENG 254 World Literature II ENG 260 British Literature I (800-1700) ENG 261 British Literature II (1700-present)

Credits	Course Alpha / Number / Title
3	
3	

Choose one from the following:

ENG 445 Shakespeare ENG 440 (alpha) Major Author

Credits	Course Alpha / Number / Title
3	

Choose one from the following:

ENG 490 Senior Practicum ENG 491 Senior Project

Credits	Course Alpha / Number / Title
3	

Hawaiian/Asian Pacific Literature: 3 credits

Choose one from the following:

ENG 372 Asian American Literature ENG 380 Multicultural and Postcolonial Literature ENG 476 Contemporary Literature of Hawai'i ENG 477 Polynesian and Micronesian Mythology ENG 478 Hawaiian Mythology II ENG 479 Hawaiian Mythology I ENG 480 Contemporary Literature of Pacific ENG 481 Plantation Fictions

Credits	Course Alpha / Number / Title
3	

Literature Elective: 3 credits

Choose one from the following:

ENG 320 (Alpha) World Literature ENG 331 (Alpha) Topics in British Literature Pre-1700 ENG 332 (Alpha) Topics in British Literature Post-1700 ENG 340 (Alpha) Topics in American Literature Pre-1700 ENG 341 (Alpha) Topics in American Literature Post-1700 ENG 383 Children's Literature (*Recommended for ML, 6-8*) ENG 385 Fairy Tales and Their Adaptations

Credits	Course Alpha / Number / Title
3	

Media Discourse and Composition: 3 credits

Choose one from the following:

ENG 354 Second Language Writing ENG 359 Writing for New Media ENG 360 Literature and Film ENG 361 History of Film ENG 367 (Alpha) Film Genres & Directors ENG 368 (Alpha) Topics in Television Studies ENG 441 Gender & Sexuality in Literature and Film ENG 462 (Alpha) Studies in Drama ENG 465 History of Theatre ENG 498 (Alpha) Selected Topics in English

	Credits	Course Alpha / Number / Title
Ī	3	

PROFESSIONAL TEACHER EDUCATION REQUIREMENTS: 18 credits

Admission Requirements - Approval of Application for Professional Teacher Education (APTE):

- 1. Submit an Application for Teacher Education (APTE) to the Division of Education by the 1st week of the semester preceding anticipated enrollment.
- 2. Completion of a minimum of 55 credits.
- 3. "C-" or higher in EDEF 200, EDEF 201, EDEF 310, EDEF 345, and SPED 304. "C-" or higher in ENG 100, ENG 200, MATH 100, PSY 342, and PSY 343.
- 4. 2.5 Overall GPA; This includes GPA for credits transferred to UHWO.
- 5. Fingerprinting and criminal background check clearance by the Hawai`i Department of Education.

Credits	Course Alpha / Number / Title
12	BLOCK 1 Prerequisite: APTE approval EDEF 404 WI Teaching Culturally and Linguistically Diverse Learners SPED 405 Educating Students with Disabilities EDML 430 Block 1 Practicum with Seminar (45 hours in assigned DOE classroom) EDUC 410 Reading & Writing Across Curriculum
6	BLOCK 2 Prerequisite: Completion of all Block 1 courses with grades of "C-" or higher EDML 428 Middle-Level English Language Arts Methods EDML 440 Block 2 Practicum with Seminar (45 hours in assigned DOE classroom)

THE PROFESSIONAL SEMESTER: 15 credits

- 1. Completion of all required Pre-professional & Professional and Professional Teacher Education courses.
- 2. 2.75 GPA or higher for the Methods Block courses (400-level series).
- 3. 2.5 overall or higher GPA, with no grade lower than a "C-" for all Education courses.
- 4. Content knowledge verification, must complete one of the options below:
 - Passing of Praxis II Content Knowledge Test. HTSB website http://www.ets.org/praxis/hi/requirements.
 OR
 - Content major consisting of a minimum of 30 credits in the content field of the Bachelor's degree awarded by a regionally accredited institution of higher education OR
 - Complete a minimum of 30 credits in the content field from a regionally accredited institution of higher education with a 2.50+ GPA. At least 15 credits must be Upper Division.

Credits	Course Alpha / Number / Title
12	EDML 490 Student Teaching
3	EDML 492 WI Student Teaching Seminar

Attachment 3

Bachelor of Education, Middle-level Education (6-8), General Science

(Leeward Community College AS in Teaching Articulation Agreement Effective Fall 2021) The goal of academic advising is to further enhance the educational mission of the university, and create guality, accessible advising partnerships with

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Graduation Requirements (see the current catalog for any additional graduation requirements):

45 Upper Division Credits Minimum
 120 Total Credits Minimum
 30 UHWO Credits

□ 3 Upper Division Writing Intensive Courses □ Focus Requirements (OC, HAP, ETH) □ 2.0 UHWO GPA □ 2.0 CONCENTRATION GPA

General Education Requirements: 31 credits

Credits	Course Alpha / Number / Title
3	Foundations Written Communications (FW) /Leeward CC ENG 100 ENG 100 Composition I
3	Foundations Symbolic Reasoning (FS) OR Foundations of Quantitative Reasoning (FQ): MATH 103 or higher /Leeward CC MATH 103 or higher
6	Foundations Multicultural Perspectives (FG): /Leeward CC FGA/FGB/FGC 6 credits from two <u>different</u> groups (A, B, C): *Group A: Primarily before 1500 CE (e.g., HIST 151 or ANTH 151) *Group B: Primarily after 1500 CE (e.g., HIST 152 or ANTH 152) *Group C: Pre-history to present
6	Diversification Arts, Humanities & Literature (DA, DH, DL): 6 credits from two different areas /Leeward CC HWST 107 (DH, HAP) and any DA
3	Diversification Social Sciences (DS): /Leeward CC PSY 100
3	Diversification Social Sciences (DS): Different area from above. /Leeward CC Any DS other than PSY
3	Diversification Natural Sciences (DB, DP, DY): /Leeward CC (DB) BOT 101 3 credits from the biological sciences (DB):
3	3 credits from the physical sciences (DP): /Leeward CC (DP) BIOC 141, PHYS 100 or CHEM 100
1	1 credit of laboratory (DY): /Leeward CC Lab (DY)BOT 101L

Writing Skills Requirement: 3 credits

Credits	Course Alpha / Number / Title
3	ENG 200 Composition II (or equivalent) with a "C-" or higher /Leeward CC ENG 200

Lower Division Math Requirement: 0-3 credits

Cr	redits	Course Alpha / Number / Title
	3	MATH 103 with a C- or higher (can also satisfy general ed FS/FQ above) /Leeward CC MATH 103 or higher

Educational Foundations: 9-15 credits

Credits	Course Alpha / Number / Title
3	ETEC 279 Educational Media & Technology /Leeward CC ED 279
3	SPED 304 Foundations of Inclusive Schooling (20 hours of service learning required)(May be used to fulfill OC and DS requirement) /Leeward CC ED 284
3	PSY 100 Survey of Psychology (can also satisfy general ed DS above) /Leeward CC PSY 100
3	PSY 342 Educational Psychology /Leeward CC ED 289
3	PSY 343 Adolescent Psychology

Pre-Professional Teacher Education Courses: 9 credits

Credits	Course Alpha / Number / Title
3	EDEF 200 Early Field Experience (1 cr) (45 hours in assigned DOE classroom) /Leeward CC ED 285,291,295 EDEF 201 Introduction to Teaching as a Career (2 cr) /Leeward CC ED 100 Prerequisite: Placement into ENG 100 or concurrent enrollment in ENG 22.
3	EDEF 310 Education in American Society (20 hours of service learning required) /Leeward CC ED 290 Prerequisite: Sophomore or higher-level standing; completion of EDEF 200 and 201 with "C-" or higher or concurrent enrollment
3	EDEF 345 Introduction to Middle-level & Secondary Education (45 hours in assigned DOE classroom) Prerequisite: completion of EDEF 200 and 201 with "C-" or higher and prior or concurrent enrollment in EDEF 310.

Teaching Area General Science: 41-43 credits *7 credits can satisfy DB, DP and DY in General Ed Requirements

Biology: 10 credits

Credits	Course Alpha / Number / Title
4	BIOL 123/123L Hawaiian Environmental Biology (3cr) and Lab (1cr)
3	BIOL 310 Statistics for Biologists OR BIOL 405 Ethics for Biologists
3	BIOL 340 Genetics, Evolution, & Society

Botany: 4 credits

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Credits	Course Alpha / Number / Title
4	BOT 101/101L General Botany (3cr) and Lab (1cr) /Leeward CC BOT 101/101L

Physical Sciences: 11 credits

Biochemistry: 3 credits

Credits	Course Alpha / Number / Title
3	BIOC 141 Fundamentals of Biochemistry (3cr)

Chemistry: 4 credits

Credits	Course Alpha / Number / Title
4	CHEM 100/100L Chemistry and Society (3cr) and Lab (1cr)

Physics: 4 credits

Credits	Course Alpha / Number / Title
4	PHYS 100/100L Survey of Physics (3cr) and Lab (1cr)

Earth Sciences: 8 credits

Credits	Course Alpha / Number / Title
4	GEOL 101/101L Dynamic Earth (3cr) and Lab (1cr)
4	GEOL 368/368L Planetary Science in the Classroom (3cr) and Lab (1cr)

Elective Science Course: 6-8 credits

Select 6 credits from the following: At least 3 credits must be 300 or higher.

ASTR 110 Survey of Astronomy	BIOL 384/L Human Skeletal Biology & Lab
BIOL 310 Statistics for Biologists	BIOL 405 Ethics for Biologists
BIOL 360 Island Ecosystems	BIOL 475 The Analysis of Animal Remains in
BIOL 365 Research Methods in Biology	Archaeology, Biology & Forensics
BIOL 375/L Genetics & Lab	CHEM 161/L General Chemistry & Lab

FORS 101 Introduction to Forensics			
GEOL 130 Geological Hazards			
	GEOL 205 G	eology of the Hawaiian Islands	
	GEOL 300 V	olcanology	
	MET 101/L lr	troduction to Meteorology & Lab	
	MET 209/L Introduction to Climate Studies & Lab		
	OCN 201 Science of the Sea		
	PHYS 151/L College Physics & Lab		
ZOOL 450 Natural History of Hawaiian Island			
	Credits	Course Alpha / Number / Title	
	3	Upper Division Course	

Credits	Course Alpha / Number / Title
3	Upper Division Course
3	

PROFESSIONAL TEACHER EDUCATION REQUIREMENTS: 30 credits

Admission Requirements - Approval of Application for Professional Teacher Education (APTE):

- 1. Submit an Application for Teacher Education (APTE) to the Division of Education by the 1st week of the semester preceding anticipated enrollment.
- 2. Completion of a minimum of 55 credits.
- 3. "C-" or higher in EDEF 200, EDEF 201, EDEF 310, EDEF 345, and SPED 304. "C-" or higher in ENG 100, ENG 200, MATH 103, PSY 342, and PSY 343.
- 4. 2.5 Overall GPA; This includes GPA for credits transferred to UHWO.

Fingerprinting and criminal background check clearance by the Hawai`i Department of Education.

Credits	Course Alpha / Number / Title
12	BLOCK 1 Prerequisite: APTE approval EDEF 404 WI Teaching Culturally and Linguistically Diverse Learners SPED 405 Educating Students with Disabilities EDML 430 Block 1 Practicum with Seminar (45 hours in assigned DOE classroom) EDUC 410 Reading & Writing Across the Curriculum
6	BLOCK 2 Prerequisite: Completion of all Block 1 courses with grades of "C-" or higher EDML 458 Middle level General Science Methods EDML 440 Block 2 Practicum with Seminar (45 hours in assigned DOE classroom)

THE PROFESSIONAL SEMESTER: 15 credits

- 1. Completion of all required Pre-professional & Professional and Professional Teacher Education courses.
- 2. 2.75 GPA or higher for the Methods Block courses (400-level series).
- 3. 2.5 overall or higher GPA, with no grade lower than a "C-" for all Education courses.
- 4. Content knowledge verification, must complete one of the options below:
 - Passing of Praxis II Content Knowledge Test. HTSB website http://www.ets.org/praxis/hi/requirements.
 OR
 - Content major consisting of a minimum of 30 credits in the content field of the Bachelor's degree awarded by a regionally accredited institution of higher education *OR*
 - Complete a minimum of 30 credits in the content field from a regionally accredited institution of higher education with a 2.50+ GPA. At least 15 credits must be Upper Division.

Credits	Course Alpha / Number / Title
12	EDML 490 Student Teaching
3	EDML 492 WI Student Teaching Seminar

Attachment 4

Bachelor of Education, Middle-level Education (6-8), Mathematics

(Leeward Community College AS in Teaching Articulation Agreement Effective Fall 2021)

The goal of academic advising is to further enhance the educational mission of the university, and create quality, accessible advising partnerships with all students in a positive environment that supports student success. This advising sheet is for tracking purposes toward degree completion and is subject to change. Students also may track their academic progress via STAR Degree Check through STAR GPS at https://www.star.hawaii.edu/. Academic Advising appointments may be scheduled by calling 808-689-2689 or toll-free from neighbor islands at 866-299-8656.

Graduation Requirements (see the current catalog for any additional graduation requirements):

 □ 45 Upper Division Credits Minimum
 □ 3 Upper Division Writing Intensive Courses
 □ 2.0 UHWO GPA

 □ 120 Total Credits Minimum
 □ Focus Requirements (OC, HAP, ETH)
 □ 2.0 CONCENTRATION GPA

 □ 30 UHWO Credits
 □ 40 Credits

General Education Requirements: 31 credits

Credits	Course Alpha / Number / Title
3	Foundations Written Communications (FW) /Leeward CC ENG 100 ENG 100 Composition I
3	Foundations Symbolic Reasoning (FS) OR Foundations of Quantitative Reasoning (FQ): MATH 111 or higher /Leeward CC MATH 111 or higher
6	Foundations Multicultural Perspectives (FG): /Leeward CC FGA/FGB/FGC 6 credits from two <u>different</u> groups (A, B, C): *Group A: Primarily before 1500 CE (e.g., HIST 151 or ANTH 151) *Group B: Primarily after 1500 CE (e.g., HIST 152 or ANTH 152) *Group C: Pre-history to present
6	Diversification Arts, Humanities & Literature (DA, DH, DL): 6 credits from two different areas /Leeward CC HWST 107 (DH, HAP) and any DA
3	Diversification Social Sciences (DS): /Leeward CC PSY 100
3	Diversification Social Sciences (DS): Different area from above. /Leeward CC Any DS other than PSY
3	Diversification Natural Sciences (DB, DP, DY): /Leeward CC (DB) 3 credits from the biological sciences (DB):
3	3 credits from the physical sciences (DP): /Leeward CC (DP)
1	1 credit of laboratory (DY): /Leeward CC Lab (DY)

Writing Skills Requirement: 3 credits

Ì	Credits	Course Alpha / Number / Title
	3	ENG 200 Composition II (or equivalent) with a "C-" or higher /Leeward CC ENG 200

Lower Division Math Requirement: 0-3 credits

Credits	Course Alpha / Number / Title
0 or 3	MATH 112 Mathematics for Elementary Teachers II with a grade of "C-" or higher (can also satisfy general ed FS/FQ above) /Leeward CC

Educational Foundations: 9-15 credits

Credits	Course Alpha / Number / Title
3	ETEC 279 Educational Media & Technology /Leeward CC ED 279
3	SPED 304 Foundations of Inclusive Schooling (20 hours of service learning required)(May be used to fulfill OC and DS requirement) /Leeward CC ED 284

Credits	Course Alpha / Number / Title
3	PSY 100 Survey of Psychology (can also satisfy general ed DS above) /Leeward CC PSY 100
3	PSY 342 Educational Psychology /Leeward CC ED 289
3	PSY 343 Adolescent Psychology

Pre-Professional Teacher Education Courses: 9 credits

Credits	Course Alpha / Number / Title
3	EDEF 200 Early Field Experience (1 cr) (45 hours in assigned DOE classroom) /Leeward CC ED 285,291,295 EDEF 201 Introduction to Teaching as a Career (2 cr) /Leeward CC ED 100 Prerequisite: Placement into ENG 100 or concurrent enrollment in ENG 22.
3	EDEF 310 Education in American Society (20 hours of service learning required) /Leeward CC ED 290 Prerequisite: Sophomore or higher-level standing; completion of EDEF 200 and 201 with "C-" or higher or concurrent enrollment
3	EDEF 345 Introduction to Middle-level & Secondary Education (45 hours in assigned DOE classroom) Prerequisite: completion of EDEF 200 and 201 with "C-" or higher and prior or concurrent enrollment in EDEF 310.

Mathematics: 31 credits

Credits	Course Alpha / Number / Title
3	MATH 111 Mathematics for Elementary Teachers I /Leeward CC Prerequisite: Grade of "C" or better in MATH 103 or equivalent; or placement into MATH 111
0	MATH 112 Mathematics for Elementary Teachers II /Leeward CC (can also satisfy general ed FS/FQ and Lower Division Math requirement above) Prerequisite: MATH 111 with grade of "C" or better
4	MATH 241 Calculus I Prerequisite: Grade of "C" or better in MATH 140 or equivalent; or placement into MATH 241
4	MATH 242 Calculus II Prerequisite: Grade of "C" or better in MATH 241 or equivalent; or placement into MATH 242
4	MATH 245 Multivariable Calculus
3	MATH 307 Linear Algebra & Ordinary Differential Equations OR MATH 311 Introduction to Linear Algebra
3	MATH 327 Origins of Mathematics Prerequisite: MATH 242 or equivalent. MATH 311 or MATH 321 recommended
3	MATH 361 Applied Probability Theory
1	MATH 480 Senior Seminar

Elective Math Courses: 6 credits

MATH 321 Introduction to Advanced Mathematics

MATH 331 Introduction to Real Analysis

MATH 351 Foundation of Euclidean Geometry

MATH 411 Linear Algebra

MATH 412 Introduction to Abstract Algebra I

MATH 461 Applied Statistics

Credits	Course Alpha / Number / Title
3	
3	

PROFESSIONAL TEACHER EDUCATION REQUIREMENTS: 20 credits Admission Requirements - Approval of Application for Professional Teacher Education (APTE):

- 1. Submit an Application for Teacher Education (APTE) to the Division of Education by the 1st week of the semester preceding anticipated enrollment.
- 2. Completion of a minimum of 55 credits.
- 3. "C-" or higher in EDEF 200, EDEF 201, EDEF 310, EDEF 345, and SPED 304. "C-" or higher in ENG 100, ENG 200, MATH 112, PSY 342, and PSY 343.
- 4. 2.5 Overall GPA; This includes GPA for credits transferred to UHWO.
- 5. Fingerprinting and criminal background check clearance by the Hawai`i Department of Education.

Credits	Course Alpha / Number / Title
14	BLOCK 1 Prerequisite: APTE approval EDEF 404 WI Teaching Culturally and Linguistically Diverse Learners SPED 405 Educating Students with Disabilities EDML 430 Block 1 Practicum with Seminar (45 hours in assigned DOE classroom) EDUC 410 Reading & Writing Across Curriculum EDUC 482 Productive Learning in the Math Classroom
6	<u>BLOCK 2</u> Prerequisite: Completion of all Block 1 courses with grades of "C-" or higher EDML 438 Middle-level Math Methods EDML 440 Block 2 Practicum w/seminar (45 hours in assigned DOE classroom)

THE PROFESSIONAL SEMESTER: 15 credits

- 1. Completion of all required Pre-professional & Professional and Professional Teacher Education courses.
- 2. 2.75 GPA or higher for the Methods Block courses (400-level series);
- 3. 2.5 overall or higher GPA, with no grade lower than a "C-" for all Education courses.
- 4. Content knowledge verification, must complete one of the options below:
 - Passing of Praxis II Content Knowledge Test. HTSB website http://www.ets.org/praxis/hi/requirements. OR
 - Content major consisting of a minimum of 30 credits in the content field of the Bachelor's degree awarded by a regionally accredited institution of higher education **OR**
 - Complete a minimum of 30 credits in the content field from a regionally accredited institution of higher education with a 2.50+ GPA. At least 15 credits must be Upper Division.

Credits	Course Alpha / Number / Title
12	EDML 490 Student Teaching
3	EDML 492 WI Student Teaching Seminar

Attachment 5

Bachelor of Education, Middle-Level Education (6-8), Social Studies

(Leeward Community College AS in Teaching Articulation Agreement Effective Fall 2021) The goal of academic advising is to further enhance the educational mission of the university, and create quality, accessible advising partnerships with all students in a positive environment that supports student success. This advising sheet is for tracking purposes toward degree completion and is subject to change. Students also may track their academic progress via STAR Degree Check through STAR GPS at <u>https://www.star.hawaii.edu/</u>. Academic Advising appointments may be scheduled by calling <u>808-689-2689</u> or toll-free from neighbor islands at <u>866-299-8656</u>.

Graduation Requirements (see the current catalog for any additional graduation requirements):

 □ 45 Upper Division Credits Minimum
 □ 3 Upper Division Writing Intensive Courses
 □ 2.0 UHWO GPA

 □ 120 Total Credits Minimum
 □ Focus Requirements (OC, HAP, ETH)
 □ 2.0 CONCENTRATION GPA

 □ 30 UHWO Credits
 □ 40 Credits
 □ 40 Credits

General Education Requirements: 31 credits

Credits	Course Alpha / Number / Title
3	Foundations Written Communications (FW) /Leeward CC ENG 100 ENG 100 Composition I
3	Foundations Symbolic Reasoning (FS) OR Foundations of Quantitative Reasoning (FQ): MATH 100 or higher /Leeward CC MATH 100 or higher
6	Foundations Multicultural Perspectives (FG): /Leeward CC HIST 151 and HIST 152, GEOG 102 or ANTH 6 credits from two <u>different</u> groups (A, B, C): 152 *Group A: Primarily before 1500 CE (e.g., HIST 151 or ANTH 151) *Group B: Primarily after 1500 CE (e.g., HIST 152 or ANTH 152) *Group C: Pre-history to present
6	Diversification Arts, Humanities & Literature (DA, DH, DL): 6 credits from two different areas /Leeward CC HWST 107 (DH, HAP) and any DA
3	Diversification Social Sciences (DS): /Leeward CC PSY 100
3	Diversification Social Sciences (DS): Different area from above. /Leeward CC ECON 131, POLS 110 or SOC 100
3	Diversification Natural Sciences (DB, DP, DY): /Leeward CC (DB) 3 credits from the biological sciences (DB):
3	3 credits from the physical sciences (DP): /Leeward CC (DP)
1	1 credit of laboratory (DY): /Leeward CC Lab (DY)

Writing Skills Requirement: 3 credits

Credits	Course Alpha / Number / Title
3	ENG 200 Composition II (or equivalent) with a "C-" or higher /Leeward CC ENG 200

Lower Division Math Requirement: 0-3 credits

Credits	Course Alpha / Number / Title
0 or 3	MATH 100 with a "C-" or higher (can also satisfy general ed FS/FQ above) /Leeward CC

Educational Foundations: 9-15 credits

Credits	Course Alpha / Number / Title
3	ETEC 279 Educational Media & Technology /Leeward CC ED 279
3	SPED 304 Foundations of Inclusive Schooling (20 hours of service learning required)(May be used to fulfill OC and DS requirement) /Leeward CC ED 284

Credits	Course Alpha / Number / Title
3	PSY 100 Survey of Psychology (can also satisfy general ed DS above) /Leeward CC PSY 100
3	PSY 342 Educational Psychology /Leeward CC ED 289
3	PSY 343 Adolescent Psychology

Pre-Professional Teacher Education Courses: 9 credits

Credits	Course Alpha / Number / Title
3	EDEF 200 Early Field Experience (1 cr) (45 hours in assigned DOE classroom) /Leeward CC ED 285,291,295 EDEF 201 Introduction to Teaching as a Career (2 cr) /Leeward CC ED 100 Prerequisite: Placement into ENG 100 or concurrent enrollment in ENG 22.
3	EDEF 310 Education in American Society (20 hours of service learning required) /Leeward CC ED 290 Prerequisite: Sophomore or higher-level standing; completion of EDEF 200 and 201 with "C-" or higher or concurrent enrollment
3	EDEF 345 Introduction to Middle-level & Secondary Education (45 hours in assigned DOE classroom) Prerequisite: completion of EDEF 200 and 201 with "C-" or higher and prior or concurrent enrollment in EDEF 310.

Teaching Area Social Studies: 33-48 credits

*Max 15 credits may be used to fulfill General Education Requirements

History: 15 credits

Credits	Course Alpha / Number / Title
3	HIST 151 World History to 1500 /Leeward CC
3	HIST 152 World History since 1500
3	HIST 281 Introduction to American History I
3	HIST 282 Introduction to American History II
3	Any Upper Division (300-400 level) History class

Political Science: 9 credits

Credits	Course Alpha / Number / Title
3	POLS 110 Introduction to Political Science

Choose 6 credits from the following:

POLS 302 Political Philosophy POLS 320 Global Issues POLS 330 American Politics POLS 342 Indigenous People and Modernity POLS 370 Politics and Public Policy POLS 371 Global Futures

Credits	Course Alpha / Number / Title
3	
3	

Geography: 6 credits

Credits	Course Alpha / Number / Title
3	GEOG 102 World Regional Geography

Choose 3 credits from the following OR other approved course:

GEOG 326 Environment, Resources & Society GEOG 328 Culture and Environment

Credits	Course Alpha / Number / Title
3	

Economics: 3 credits

Credits	Course Alpha / Number / Title
3	ECON 131 Principles of Macroeconomics

Sociology: 3 credits

Choose one from the following:

SOC 100 Survey of General Sociology

SOC 352 Sociology of Education

Credits	Course Alpha / Number / Title
3	

Anthropology: 6 credits

	Credits	Course Alpha / Number / Title
	3	ANTH 152 Culture and Humanity
	Choose one from the following:	
ANTH 480 Land, Culture and Social Justice		and, Culture and Social Justice
	ANITU 404 A.	athropology in Action and Ruilding a Corpor

ANTH 481 Anthropology in Action and Building a Career Any 300-400 level ANTH Course

Credits	Course Alpha / Number / Title
3	

Hawaiian-Pacific Studies: 6 credits

Choose 6 credits from the following:

HPST 281 Education in the Pacific Islands (cross-listed EDUC 281)

HPST 365 Geography of the Pacific (cross-listed GEOG 365)

HPST 384 Hawai'i from European Contact to the Overthrow (cross-listed HIST 384)

HPST 437 Pacific Archeology (Cross-listed ANTH 437 & HIST 437)

HPST 440 Kānāwai Hawai'i: Native Hawaiian Law (cross-listed POLS 440)

HPST 482 Pacific Islands (cross-listed HIST 482)

HPST 483 Archeology of Hawai'i

HPST 488 Twentieth Century Hawai'i (cross-listed HIST 488)

Credits	Course Alpha / Number / Title
3	
3	

PROFESSIONAL TEACHER EDUCATION REQUIREMENTS: 18 credits

Admission Requirements - Approval of Application for Professional Teacher Education (APTE):

- 1. Submit an Application for Teacher Education (APTE) to the Division of Education by the 1st week of the semester preceding anticipated enrollment.
- 2. Completion of a minimum of 55 credits.
- *3.* "C-" or higher in EDEF 200, EDEF 201, EDEF 310, EDEF 345, and SPED 304. "C-" or higher in ENG 100, ENG 200, MATH 100, PSY 342, and PSY 343.
- 4. 2.5 Overall GPA; This includes GPA for credits transferred to UHWO.
- 5. Fingerprinting and criminal background check clearance by the Hawai`i Department of Education.

Credits	Course Alpha / Number / Title
12	<u>BLOCK 1</u> Prerequisite: APTE approval EDEF 404 WI Teaching Culturally and Linguistically Diverse Learners SPED 405 Educating Students with Disabilities EDML 430 Block 1 Practicum with Seminar (45 hours in assigned DOE classroom) EDUC 410 Reading & Writing Across Curriculum
6	<u>BLOCK 2</u> Prerequisite: Completion of all Block 1 courses with grades of "C-" or higher EDML 448 Middle-Level English Language Arts Methods EDML 440 Block 2 Practicum with Seminar (45 hours in assigned DOE classroom)

THE PROFESSIONAL SEMESTER: 15 credits

- 1. Completion of all required Pre-professional & Professional and Professional Teacher Education courses.
- 2. 2.75 GPA or higher for the Methods Block courses (400-level series).
- 3. 2.5 overall or higher GPA, with no grade lower than a "C-" for all Education courses.
- 4. Content knowledge verification, must complete one of the options below:
 - Passing of Praxis II Content Knowledge Test. HTSB website http://www.ets.org/praxis/hi/requirements. OR
 - Content major consisting of a minimum of 30 credits in the content field of the Bachelor's degree awarded by a regionally accredited institution of higher education **OR**
 - Complete a minimum of 30 credits in the content field from a regionally accredited institution of higher education with a 2.50+ GPA. At least 15 credits must be Upper Division.

Cred	dits	Course Alpha / Number / Title
12	2	EDML 490 Student Teaching
3		EDML 492 WI Student Teaching Seminar

Attachment 6

Bachelor of Education, Secondary Education (6-12), Biology

(Leeward Community College AS in Teaching Articulation Agreement Effective Fall 2021)

The goal of academic advising is to further enhance the educational mission of the university, and create quality, accessible advising partnerships with all students in a positive environment that supports student success. This advising sheet is for tracking purposes toward degree completion and is subject to change. Students also may track their academic progress via STAR Degree Check through STAR GPS at https://www.star.hawaii.edu/. Academic Advising appointments may be scheduled by calling 808-689-2689 or toll-free from neighbor islands at 866-299-8656.

Graduation Requirements (see the current catalog for any additional graduation requirements):

45 Upper Division Credits Minimum	3 Upper Division Writing Intensive Courses	🗖 2.0 UHWO GPA
□120 Total Credits Minimum	Focus Requirements (OC, HAP, ETH)	□ 2.0 CONCENTRATION GPA
30 UHWO Credits		

General Education Requirements: 31 credits

Credits	Course Alpha / Number / Title
3	Foundations Written Communications (FW) /Leeward CC ENG 100 ENG 100 Composition I
3	Foundations Symbolic Reasoning (FS) OR Foundations of Quantitative Reasoning (FQ): MATH 103 or higher /Leeward CC MATH 103 or higher
6	Foundations Multicultural Perspectives (FG): /Leeward CC FGA/FGB/FGC 6 credits from two <u>different</u> groups (A, B, C): *Group A: Primarily before 1500 CE (e.g., HIST 151 or ANTH 151) *Group B: Primarily after 1500 CE (e.g., HIST 152 or ANTH 152) *Group C: Pre-history to present
6	Diversification Arts, Humanities & Literature (DA, DH, DL): 6 credits from two different areas /Leeward CC HWST 107 (DH, HAP) and any DA
3	Diversification Social Sciences (DS): /Leeward CC PSY 100
3	Diversification Social Sciences (DS): Different area from above. /Leeward CC Any DS other than PSY
3	Diversification Natural Sciences (DB, DP, DY): /Leeward CC BIOL 171 3 credits from the biological sciences (DB):
3	3 credits from the physical sciences (DP): /Leeward CC CHEM 161
1	1 credit of laboratory (DY): /Leeward CC Lab BIOL 171L

Writing Skills Requirement: 3 credits

Credits	Course Alpha / Number / Title
3	ENG 200 Composition II (or equivalent) with a "C-" or higher /Leeward CC ENG 200

Lower Division Math Requirement: 0-3 credits

Credits	Course Alpha / Number / Title
0 or 3	MATH 103 with a "C-" or higher (can also satisfy general ed FS/FQ above) /Leeward CC MATH 103 or higher

Educational Foundations: 9-15 credits

С	redits	Course Alpha / Number / Title
	3	ETEC 279 Educational Media & Technology /Leeward CC ED 279
	3	SPED 304 Foundations of Inclusive Schooling (20 hours of service learning required)(May be used to fulfill OC and DS requirement) /Leeward CC ED 284

Credits	Course Alpha / Number / Title
3	PSY 100 Survey of Psychology (can also satisfy general ed DS above) /Leeward CC PSY 100
3	PSY 342 Educational Psychology /Leeward CC ED 289
3	PSY 343 Adolescent Psychology

Pre-Professional Teacher Education Courses: 9 credits

Credits	Course Alpha / Number / Title
3	EDEF 200 Early Field Experience (1 cr) (45 hours in assigned DOE classroom) /Leeward CC ED 285,291,295 EDEF 201 Introduction to Teaching as a Career (2 cr) /Leeward CC ED 100 Prerequisite: Placement into ENG 100 or concurrent enrollment in ENG 22.
3	EDEF 310 Education in American Society (20 hours of service learning required) /Leeward CC ED 290 Prerequisite: Sophomore or higher-level standing; completion of EDEF 200 and 201 with "C-" or higher or concurrent enrollment
3	EDEF 345 Introduction to Middle-level & Secondary Education (45 hours in assigned DOE classroom) Prerequisite: completion of EDEF 200 and 201 with "C-" or higher and prior or concurrent enrollment in EDEF 310.

Teaching Area Biology: 57 credits *Max 10 credits may be used to fulfill General Education Requirements

Biology: 21 credits

Credits	Course Alpha / Number / Title
4	BIOL 171/171L Introduction to Biology I (3cr) and Lab (1cr) /Leeward CC
4	BIOL172/172L Introduction to Biology II (3cr) and Lab (1cr)
4	BIOL 265/265L Ecology and Evolutionary Biology (3cr) and Lab (1cr)
3	BIOL 340 Genetics, Evolution and Society (3 cr)
3	BIOL 360 Island Ecosystems (3 cr)
3	BIOL 365 Research Methods in Biology (3 cr)

Electives: 3-4 credits of upper division course in Biological Sciences Select one from the following:

BIOL 384/L Human Skeletal Biology and Lab BIOL 405 Ethics for Biologists ZOOL 450 Natural History of the Hawaiian Islands

Marine Ecology and Evolution * *In Development* Human Role in Environmental Change * *In Development* Resource Management and Conservation in Hawaii * *In Development* Corals and Coral Reefs * *In Development*

Credits	Course Alpha / Number / Title
3 or 4	

Chemistry: 8 credits

Credit	s Course Alpha / Number / Title
4	CHEM 161/161L General Chemistry I (3cr) and Lab (1cr) /Leeward CC
4	CHEM 162/162L General Chemistry II (3cr) and Lab (1cr)

Physical Science: 3-4 credits

Select one from the following: ASTR 110 Survey of Astronomy (3 cr) FORS 101 Introduction to Forensics (3 cr) GEOL 101/101L Dynamic Earth (3cr) and Lab (1cr) GEOL 130 Geological Hazards (3 cr) GEOL 205 Geology of the Hawaiian Islands (3 cr) MET 101/L Introduction to Meteorology OCN 201 Science of the Sea (3 cr) PHYS 100/100L Survey of Physics (3cr) and Lab (1cr) PHYS 151/151L College Physics (3 cr) and Lab (1 cr)

Credits	Course Alpha / Number / Title
3	

Math: 9 credits

Select two from the following:

MATH 103 College Algebra MATH 135 Pre-Calculus: Elementary Functions MATH 140 Pre-Calculus: Trigonometry and Analytic Geometry MATH 140X Pre-Calculus: Accelerated MATH 241 Calculus

Credits	Course Alpha / Number / Title
3	Leeward CC
3	

Select one from the following:

MATH 115 Statistics SSCI 210 Statistical Analysis I BIOL 310 Statistics for Biologists

Credits	Course Alpha / Number / Title
3	

PROFESSIONAL TEACHER EDUCATION REQUIREMENTS: 18 credits

Admission Requirements - Approval of Application for Professional Teacher Education (APTE):

- 1. Submit an Application for Teacher Education (APTE) to the Division of Education by the 1st week of the semester preceding anticipated enrollment.
- 2. Completion of a minimum of 55 credits.
- *3.* "C-" or higher in EDEF 200, EDEF 201, EDEF 310, EDEF 345, and SPED 304. "C-" or higher in ENG 100, ENG 200, MATH 103, PSY 342, and PSY 343.
- 4. 2.5 Overall GPA; This includes GPA for credits transferred to UHWO.
- 5. Fingerprinting and criminal background check clearance by the Hawai`i Department of Education.

Credits	S Course Alpha / Number / Title	
12	BLOCK 1 Prerequisite: APTE approval EDEF 404 WI Teaching Culturally and Linguistically Diverse Learners SPED 405 Educating Students with Disabilities EDSE 430 Block 1 Practicum with Seminar (45 hours in assigned DOE classroom)	

Credits	Course Alpha / Number / Title	
	EDUC 410 Reading & Writing Across the Curriculum	
6	BLOCK 2 Prerequisite: Completion of all Block 1 courses with grades of "C-" or higher EDSE 457 Biological Science Methods EDSE 440 Block 2 Practicum with Seminar (45 hours in assigned DOE classroom)	

THE PROFESSIONAL SEMESTER: 15 credits

- 1. Completion of all required Pre-professional & Professional and Professional Teacher Education courses.
- 2. 2.75 GPA or higher for the Methods Block courses (400-level series).
- 3. 2.5 overall or higher GPA, with no grade lower than a "C-" for all Education courses.
- 4. Content knowledge verification, must complete one of the options below:
 - Passing of Praxis II Content Knowledge Test. HTSB website http://www.ets.org/praxis/hi/requirements.
 OR
 - Content major consisting of a minimum of 30 credits in the content field of the Bachelor's degree awarded by a regionally accredited institution of higher education OR
 - Complete a minimum of 30 credits in the content field from a regionally accredited institution of higher education with a 2.50+ GPA. At least 15 credits must be Upper Division.

	Credits	Course Alpha / Number / Title
Ī	12	EDSE 490 Student Teaching
	3	EDSE 492 WI Student Teaching Seminar

Attachment 7

Bachelor of Education, Secondary Education (6-12), English

(Leeward Community College AS in Teaching Articulation Agreement Effective Fall 2021)

The goal of academic advising is to further enhance the educational mission of the university, and create quality, accessible advising partnerships with all students in a positive environment that supports student success. This advising sheet is for tracking purposes toward degree completion and is subject to change. Students also may track their academic progress via STAR Degree Check through STAR GPS at https://www.star.hawaii.edu/. Academic Advising appointments may be scheduled by calling 808-689-2689 or toll-free from neighbor islands at 866-299-8656.

Graduation Requirements (see the current catalog for any additional graduation requirements):

45 Upper Division Credits Minimum	3 Upper Division Writing Intensive Courses	🗆 2.0 UHWO GPA
□120 Total Credits Minimum	Focus Requirements (OC, HAP, ETH)	2.0 CONCENTRATION GPA
30 UHWO Credits		

*Dual Degree: The Division of Education currently offers a dual degree in Middle-Level or Secondary English Education and English. Upon successful completion of the B.Ed in English Education, 6-8 or 6-12, the student will also be awarded the Bachelor of Arts Degree in Humanities with a concentration in English.

General Education Requirements: 31 credits

Credits	Course Alpha / Number / Title	
3	Foundations Written Communications (FW) /Leeward CC ENG 100 ENG 100 Composition I	
3	Foundations Symbolic Reasoning (FS) OR Foundations of Quantitative Reasoning (FQ): MATH 100 or higher /Leeward CC MATH 100 or higher	
6	Foundations Multicultural Perspectives (FG): /Leeward CC FGA/FGB/FGC 6 credits from two <u>different</u> groups (A, B, C): *Group A: Primarily before 1500 CE (e.g., HIST 151 or ANTH 151) *Group B: Primarily after 1500 CE (e.g., HIST 152 or ANTH 152) *Group C: Pre-history to present	
6	Diversification Arts, Humanities & Literature (DA, DH, DL): 6 credits from two different areas /Leeward CC HWST 107 (DH, HAP) and any DA	
3	Diversification Social Sciences (DS): /Leeward CC PSY 100	
3	Diversification Social Sciences (DS): Different area from above. /Leeward CC Any DS other than PSY	
3	Diversification Natural Sciences (DB, DP, DY): /Leeward CC (DB) 3 credits from the biological sciences (DB):	
3	3 credits from the physical sciences (DP): /Leeward CC (DP), Recommend PHYS or CHEM	
1	1 credit of laboratory (DY): /Leeward CC Lab (DY)	

Writing Skills Requirement: 3 credits

Credits	Course Alpha / Number / Title
3	ENG 200 Composition II (or equivalent) with a "C-" or higher /Leeward CC ENG 200

Lower Division Math Requirement: 0-3 credits

Credits	Course Alpha / Number / Title
0 or 3	MATH 100 or higher (can also satisfy general ed FS/FQ above) /Leeward CC MATH 100 or higher

Educational Foundations: 9-15 credits

Credits	Course Alpha / Number / Title	
3	ETEC 279 Educational Media & Technology /Leeward CC ED 279	
3	SPED 304 Foundations of Inclusive Schooling (20 hours of service learning required)(May be used to fulfill OC and DS requirement) /Leeward CC ED 284	
3	PSY 100 Survey of Psychology (can also satisfy general ed DS above) /Leeward CC PSY 100	
3	PSY 342 Educational Psychology /Leeward CC ED 289	
3	PSY 343 Adolescent Psychology	

Pre-Professional Teacher Education Courses: 9 credits

Credits	Course Alpha / Number / Title	
3	EDEF 200 Early Field Experience (1 cr) (45 hours in assigned DOE classroom) /Leeward CC ED 285,291,295 EDEF 201 Introduction to Teaching as a Career (2 cr) /Leeward CC ED 100 Prerequisite: Placement into ENG 100 or concurrent enrollment in ENG 22.	
3	EDEF 310 Education in American Society (20 hours of service learning required) /Leeward CC ED 290 Prerequisite: Sophomore or higher-level standing; completion of EDEF 200 and 201 with "C-" or higher or concurrent enrollment	
3	EDEF 345 Introduction to Middle-level & Secondary Education (45 hours in assigned DOE classroom) Prerequisite: completion of EDEF 200 and 201 with "C-" or higher and prior or concurrent enrollment in EDEF 310.	

Teaching Area English: 24-30 credits

*3 to 6 Credits may fulfill DA, DH, DL in General Education Requirements Above

Theory and Analysis: 3 credits

Choose one from the following:

ENG 402 History of the English Language ENG 300F Expository Writing for Teachers

Credits	Course Alpha / Number / Title
3	

Written Discourse/Creative Writing: 3 credits

Choose one from the following

ENG 312 Creative Writing Strategies for Teachers ENG 313 Introduction to Creative Writing ENG 317 Pidgin Creative Writing Workshop

Credits	Course Alpha / Number / Title
3	

Literature: 15 credits

Credits	Course Alpha / Number / Title
3	ENG 240 Introduction to Literary Studies

Choose 6 credits from the following:

ENG 250 American Literature Survey ENG 253 Survey of World Literature I

ENG 254 World Literature II ENG 260 British Literature I (800-1700) ENG 261 British Literature II (1700-present)

Credits	Course Alpha / Number / Title
3	
3	

Choose one from the following:

ENG 445 Shakespeare ENG 440 (alpha) Major Author

Credits	Course Alpha / Number / Title
3	

Choose one from the following:

ENG 490 Senior Practicum ENG 491 Senior Project

Credits	Course Alpha / Number / Title
3	

Hawaiian/Asian Pacific Literature: 3 credits

Choose one from the following:

ENG 372 Asian American Literature ENG 380 Multicultural and Postcolonial Literature ENG 476 Contemporary Literature of Hawai'i ENG 477 Polynesian and Micronesian Mythology ENG 478 Hawaiian Mythology II ENG 479 Hawaiian Mythology I ENG 480 Contemporary Literature of Pacific ENG 481 Plantation Fictions

Credits	Course Alpha / Number / Title
3	

Literature Elective: 3 credits

Choose one from the following:

ENG 320 (Alpha) World Literature

- ENG 331 (Alpha) Topics in British Literature Pre-1700
- ENG 332 (Alpha) Topics in British Literature Post-1700
- ENG 340 (Alpha) Topics in American Literature Pre-1700

ENG 341 (Alpha) Topics in American Literature Post-1700

ENG 383 Children's Literature (Recommended for ML, 6-8)

ENG 385 Fairy Tales and Their Adaptations

Credits	Course Alpha / Number / Title
3	

Media Discourse and Composition: 3 credits Choose one from the following:

ENG 354 Second Language Writing
ENG 359 Writing for New Media
ENG 360 Literature and Film
ENG 361 History of Film
ENG 367 (Alpha) Film Genres & Directors
ENG 368 (Alpha) Topics in Television Studies
ENG 441 Gender & Sexuality in Literature and Film
ENG 462 (Alpha) Studies in Drama
ENG 465 History of Theatre
ENG 498 (Alpha) Selected Topics in English

Credits	Course Alpha / Number / Title
3	

PROFESSIONAL TEACHER EDUCATION REQUIREMENTS: 18 credits

Admission Requirements - Approval of Application for Professional Teacher Education (APTE):

- 1. Submit an Application for Teacher Education (APTE) to the Division of Education by the 1st week of the semester preceding anticipated enrollment.
- 2. Completion of a minimum of 55 credits.
- 3. "C-" or higher in EDEF 200, EDEF 201, EDEF 310, EDEF 345, and SPED 304. "C-" or higher in ENG 100, ENG 200, MATH 100, PSY 342, and PSY 343.
- 4. 2.5 Overall GPA; This includes GPA for credits transferred to UHWO.
- 5. Fingerprinting and criminal background check clearance by the Hawai`i Department of Education.

Credits	Course Alpha / Number / Title	
12	<u>BLOCK 1</u> Prerequisite: APTE approval EDEF 404 WI Teaching Culturally and Linguistically Diverse Learners SPED 405 Educating Students with Disabilities EDSE 430 Block 1 Practicum with Seminar <i>(45 hours in assigned DOE classroom)</i> EDUC 410 Reading & Writing Across the Curriculum	
6	BLOCK 2 Prerequisite: Completion of all Block 1 courses with grades of "C-" or higher EDSE 428 Secondary English Language Arts Methods EDSE 440 Block 2 Practicum with Seminar (45 hours in assigned DOE classroom)	

THE PROFESSIONAL SEMESTER: 15 credits

- 1. Completion of all required Pre-professional & Professional and Professional Teacher Education courses.
- 2. 2.75 GPA or higher for the Methods Block courses (400-level series).
- 3. 2.5 overall or higher GPA, with no grade lower than a "C-" for all Education courses.
- 4. Content knowledge verification, must complete one of the options below:
 - Passing of Praxis II Content Knowledge Test. HTSB website http://www.ets.org/praxis/hi/requirements.
 OR
 - Content major consisting of a minimum of 30 credits in the content field of the Bachelor's degree awarded by a regionally accredited institution of higher education **OR**
 - Complete a minimum of 30 credits in the content field from a regionally accredited institution of higher education with a 2.50+ GPA. At least 15 credits must be Upper Division.

Credits	Course Alpha / Number / Title
12	EDSE 490 Student Teaching
3	EDSE 492 WI Student Teaching Seminar

Attachment 8

Bachelor of Education, Secondary Education (6-12), General Science

(Leeward Community College AS in Teaching Articulation Agreement Effective Fall 2021) The goal of academic advising is to further enhance the educational mission of the university, and create quality, accessible advising partnerships with all students in a positive environment that supports student success. This advising sheet is for tracking purposes toward degree completion and is subject to change. Students also may track their academic progress via STAR Degree Check through STAR GPS at <u>https://www.star.hawaii.edu/</u>. Academic Advising appointments may be scheduled by calling <u>808-689-2689</u> or toll-free from neighbor islands at <u>866-299-8656</u>.

Graduation Requirements (see the current catalog for any additional graduation requirements):

45 Upper Division Credits Minimum	3 Upper Division Writing Intensive Courses	🗆 2.0 UHWO GPA
□120 Total Credits Minimum	Focus Requirements (OC, HAP, ETH)	□ 2.0 CONCENTRATION GPA
30 UHWO Credits		

General Education Requirements: 31 credits

Credits	Course Alpha / Number / Title
3	Foundations Written Communications (FW) /Leeward CC ENG 100 ENG 100 Composition I
3	Foundations Symbolic Reasoning (FS) OR Foundations of Quantitative Reasoning (FQ): MATH 103 or higher /Leeward CC MATH 103 or higher
6	Foundations Multicultural Perspectives (FG): /Leeward CC FGA/FGB/FGC 6 credits from two <u>different</u> groups (A, B, C): *Group A: Primarily before 1500 CE (e.g., HIST 151 or ANTH 151) *Group B: Primarily after 1500 CE (e.g., HIST 152 or ANTH 152) *Group C: Pre-history to present
6	Diversification Arts, Humanities & Literature (DA, DH, DL): 6 credits from two different areas /Leeward CC HWST 107 (DH, HAP) and any DA
3	Diversification Social Sciences (DS): /Leeward CC PSY 100
3	Diversification Social Sciences (DS): Different area from above. /Leeward CC Any DS other than PSY
3	Diversification Natural Sciences (DB, DP, DY): /Leeward CC BOT 101 3 credits from the biological sciences (DB):
3	3 credits from the physical sciences (DP): /Leeward CC BIOC 141, CHEM 161, ERTH 101 or PHYS 151
1	1 credit of laboratory (DY): /Leeward CC Lab BOT 101L

Writing Skills Requirement: 3 credits

Credits	Course Alpha / Number / Title
3	ENG 200 Composition II (or equivalent) with a "C-" or higher /Leeward CC ENG 200

Lower Division Math Requirement: 0-3 credits

Credits	Course Alpha / Number / Title
3	MATH 103 with a C- or higher (can also satisfy general ed FS/FQ above) /Leeward CC MATH 103 or higher

Educational Foundations: 9-15 credits

Credits	Course Alpha / Number / Title
3	ETEC 279 Educational Media & Technology /Leeward CC ED 279
3	SPED 304 Foundations of Inclusive Schooling (20 hours of service learning required) (May be used to fulfill OC and DS if taken at UHWO) /Leeward CC ED 284

Credits	Course Alpha / Number / Title
3	PSY 100 Survey of Psychology (can also satisfy general ed DS above) /Leeward CC PSY 100
3	PSY 342 Educational Psychology /Leeward CC ED 289
3	PSY 343 Adolescent Psychology

Pre-Professional Teacher Education Courses: 9 credits

Credits	Course Alpha / Number / Title
3	EDEF 200 Early Field Experience (1 cr) (45 hours in assigned DOE classroom) /Leeward CC ED 285,291,295 EDEF 201 Introduction to Teaching as a Career (2 cr) /Leeward CC ED 100 Prerequisite: Placement into ENG 100 or concurrent enrollment in ENG 22.
3	EDEF 310 Education in American Society (20 hours of service learning required) /Leeward CC ED 290 Prerequisite: Sophomore or higher-level standing; completion of EDEF 200 and 201 with "C-" or higher or concurrent enrollment
3	EDEF 345 Introduction to Middle-level & Secondary Education (45 hours in assigned DOE classroom) Prerequisite: completion of EDEF 200 and 201 with "C-" or higher and prior or concurrent enrollment in EDEF 310.

Teaching Area General Science: 41-43 credits *7 credits can satisfy DB, DP and DY in General Ed Requirements

Biology: 10 credits

Credits	Course Alpha / Number / Title
4	BIOL 123/123L Hawaiian Environmental Biology (3cr) and Lab (1cr)
3	BIOL 310 Statistics for Biologists or BIOL 405 Ethics for Biologists
3	BIOL 340 Genetics, Evolution, & Society

Botany: 4 credits

Credits	Course Alpha / Number / Title
4	BOT 101/101L General Botany (3cr) and Lab (1cr) /Leeward

Physical Sciences: 11 credits

Biochemistry: 3 credits

Credits	Course Alpha / Number / Title
3	BIOC 141 Fundamentals of Biochemistry (3cr)

Chemistry: 4 credits

Credits	Course Alpha / Number / Title
4	CHEM 161/161L General Chemistry (3cr) and Lab (1cr)

Physics: 4 credits

Credits	Course Alpha / Number / Title
4	PHYS 151/151L College Physics (3cr) and Lab (1cr)

Earth Sciences: 8 credits

Credits	Course Alpha / Number / Title
4	GEOL 101/101L Dynamic Earth (3cr) and Lab (1cr)
4	GEOL 368/368L Planetary Science in the Classroom (3cr) and Lab (1cr)

Elective Science Course: 6-8 credits

Select 6 credits from the following: At least 3 credits must be 300-level or higher.

*Classes may be used only once to meet a requirement for one of the sciences or as an elective.

ASTR 110 Survey of Astronomy

*BIOL 310 Statistics for Biologists (3cr)

BIOL 360 Island Ecosystems (3 cr)

BIOL 365 Research Methods in Biology

BIOL 375/L Genetics & Lab

BIOL 384/L Human Skeletal Biology & Lab *BIOL 405 Ethics for Biologists

BIOL 475 The Analysis of Animal Remains in Archaeology, Biology, and Forensics

FORS 101 Introduction to Forensics (3cr)

GEOL 130 Geological Hazards (3cr)

GEOL 205 Geology of the Hawaiian Islands (3 cr)

GEOL 300 Volcanology (3cr)

MET 101/L Introduction to Meteorology (3cr) and Lab (1 cr)

MET 209/L Introduction to Climate Studies (3cr) and Lab (1 cr)

OCN 201 Science of the Sea (3cr)

ZOOL 450 Natural History of Hawaiian Islands

Credits	Course Alpha / Number / Title
3	Upper Division Course
3	

PROFESSIONAL TEACHER EDUCATION REQUIREMENTS: 30 credits Admission Requirements - Approval of Application for Professional Teacher Education (APTE):

- Submit an Application for Teacher Education (APTE) to the Division of Education by the 1st week of the semester preceding anticipated enrollment.
- 2. Completion of a minimum of 55 credits.
- 3. "C-" or higher in EDEF 200, EDEF 201, EDEF 310, EDEF 345, and SPED 304. "C-" or higher in ENG 100, ENG 200, MATH 103, PSY 342, and PSY 343.
- 4. 2.5 Overall GPA; This includes GPA for credits transferred to UHWO.
- 5. Fingerprinting and criminal background check clearance by the Hawai`i Department of Education.

Credits	Course Alpha / Number / Title
12	<u>BLOCK 1</u> Prerequisite: APTE approval EDEF 404 WI Teaching Culturally and Linguistically Diverse Learners SPED 405 Educating Students with Disabilities EDSE 430 Block 1 Practicum with Seminar (45 hours in assigned DOE classroom) EDUC 410 Reading & Writing Across the Curriculum
6	BLOCK 2 Prerequisite: Completion of all Block 1 courses with grades of "C-" or higher EDSE 458 Secondary General Science Methods EDSE 440 Block 2 Practicum with Seminar (45 hours in assigned DOE classroom)

THE PROFESSIONAL SEMESTER: 15 credits

- 1. Completion of all required Pre-professional & Professional and Professional Teacher Education courses.
- 2. 2.75 GPA or higher for the Methods Block courses (400-level series).
- 3. 2.5 overall or higher GPA, with no grade lower than a "C-" for all Education courses.
- 4. Content knowledge verification, must complete one of the options below:
 - Passing of Praxis II Content Knowledge Test. HTSB website http://www.ets.org/praxis/hi/requirements. OR
 - Content major consisting of a minimum of 30 credits in the content field of the Bachelor's degree awarded by a regionally accredited institution of higher education **OR**
 - Complete a minimum of 30 credits in the content field from a regionally accredited institution of higher education with a 2.50+ GPA. At least 15 credits must be Upper Division.

Credits	Course Alpha / Number / Title
12	EDSE 490 Student Teaching
3	EDSE 492 WI Student Teaching Seminar

Attachment 9

Bachelor of Education, Secondary Education (6-12), Mathematics

(Leeward Community College AS in Teaching Articulation Agreement Effective Fall 2021)

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Graduation Requirements (see the current catalog for any additional graduation requirements):

 □ 45 Upper Division Credits Minimum
 □ 3 Upper Division Writing Intensive Courses
 □ 2.0 UHWO GPA

 □ 120 Total Credits Minimum
 □ Focus Requirements (OC, HAP, ETH)
 □ 2.0 CONCENTRATION GPA

 □ 30 UHWO Credits
 □ 40 Credits
 □ 40 Credits

General Education Requirements: 31 credits

Credits	Course Alpha / Number / Title
3	Foundations Written Communications (FW) /Leeward CC ENG 100 ENG 100 Composition I
3	Foundations Symbolic Reasoning (FS) OR Foundations of Quantitative Reasoning (FQ): MATH 241 or higher /Leeward CC MATH 241 or higher
6	Foundations Multicultural Perspectives (FG): /Leeward CC FGA/FGB/FGC 6 credits from two <u>different</u> groups (A, B, C): *Group A: Primarily before 1500 CE (e.g., HIST 151 or ANTH 151) *Group B: Primarily after 1500 CE (e.g., HIST 152 or ANTH 152) *Group C: Pre-history to present
6	Diversification Arts, Humanities & Literature (DA, DH, DL): 6 credits from two different areas /Leeward CC HWST 107 (DH, HAP) and any DA
3	Diversification Social Sciences (DS): /Leeward CC PSY 100
3	Diversification Social Sciences (DS): Different area from above. /Leeward CC Any DS other than PSY
3	Diversification Natural Sciences (DB, DP, DY): /Leeward CC (DB) 3 credits from the biological sciences (DB):
3	3 credits from the physical sciences (DP): /Leeward CC (DP)
1	1 credit of laboratory (DY): /Leeward CC Lab (DY)

Writing Skills Requirement: 3 credits

Ì	Credits	Course Alpha / Number / Title
	3	ENG 200 Composition II (or equivalent) with a "C-" or higher /Leeward CC ENG 200

Lower Division Math Requirement: 0-3 credits

Credits	Course Alpha / Number / Title
0 or 3	Math 241 or higher with a grade of "C-" or higher. (can also satisfy FS/FQ General Ed requirement) /Leeward CC

Educational Foundations: 9-15 credits

Credits	Course Alpha / Number / Title
3	ETEC 279 Educational Media & Technology /Leeward CC ED 279
3	SPED 304 Foundations of Inclusive Schooling (20 hours of service learning required)(May be used to fulfill OC and DS if taken at UHWO) /Leeward CC ED 284

Credits	Course Alpha / Number / Title
3	PSY 100 Survey of Psychology (can also satisfy general ed DS above) /Leeward CC PSY 100
3	PSY 342 Educational Psychology /Leeward CC ED 289
3	PSY 343 Adolescent Psychology

Pre-Professional Teacher Education Courses: 9 credits

Credits	Course Alpha / Number / Title
3	EDEF 200 Early Field Experience (1 cr) (45 hours in assigned DOE classroom) /Leeward CC ED 285,291,295 EDEF 201 Introduction to Teaching as a Career (2 cr) /Leeward CC ED 100 Prerequisite: Placement into ENG 100 or concurrent enrollment in ENG 22.
3	EDEF 310 Education in American Society (20 hours of service learning required) /Leeward CC ED 290 Prerequisite: Sophomore or higher-level standing; completion of EDEF 200 and 201 with "C-" or higher or concurrent enrollment
3	EDEF 345 Introduction to Middle-level & Secondary Education (45 hours in assigned DOE classroom) Prerequisite: completion of EDEF 200 and 201 with "C-" or higher and prior or concurrent enrollment in EDEF 310.

Mathematics: 30 credits

Credits	Course Alpha / Number / Title
3	MATH 115 Statistics Prerequisite: MATH 25 or MATH 75 with a grade of C or better within the past two years; or placement in MATH 100; or consent of instructor.
0	MATH 241 Calculus I /Leeward CC <i>(can also satisfy general ed FS/FQ and Lower Division Math requirement above)</i> Prerequisite: Grade of "C" or better in MATH 140 or equivalent; or placement into MATH 241
4	MATH 242 Calculus II Prerequisite: Grade of "C" or better in MATH 241 or equivalent; or placement into MATH 242
4	MATH 245 Multivariable Calculus
3	MATH 307 Linear Algebra & Ordinary Differential Equations OR MATH 311 Introduction to Linear Algebra Prerequisite: MATH 243 or concurrent enrollment
3	MATH 321 Introduction to Advanced Mathematics Prerequisite: ENG 200 and MATH 243 or concurrent
3	MATH 327 Origins of Mathematics Prerequisite: MATH 242 or equivalent. MATH 311 or MATH 321 recommended
3	MATH 351 Foundation of Euclidean Geometry Prerequisite: MATH 242; and MATH 321 or concurrent
3	MATH 361 Applied Probability Theory
1	MATH 480 Senior Seminar Prerequisite: One 400-level mathematics course; or consent of instructor

Math Electives: 3 credits

MATH 331 Introduction to Real Analysis MATH 411 Linear Algebra MATH 412 Introduction to Abstract Algebra MATH 461 Applied Statistics

Credits	Course Alpha / Number / Title
3	

PROFESSIONAL TEACHER EDUCATION REQUIREMENTS: 20 credits

Admission Requirements - Approval of Application for Professional Teacher Education (APTE):

- 1. Submit an Application for Teacher Education (APTE) to the Division of Education by the 1st week of the semester preceding anticipated enrollment.
- 2. Completion of a minimum of 55 credits.
- 3. "C-" or higher in EDEF 200, EDEF 201, EDEF 310, EDEF 345, and SPED 304. "C-" or higher in ENG 100, ENG 200, MATH 241, PSY 342, and PSY 343.
- 4. 2.5 Overall GPA; This includes GPA for credits transferred to UHWO.
- 5. Fingerprinting and criminal background check clearance by the Hawai`i Department of Education.

Credits	Course Alpha / Number / Title
14	BLOCK 1 EDEF 404 WI Teaching Culturally and Linguistically Diverse Learners SPED 405 Educating Students with Disabilities EDSE 430 Block 1 Practicum w/seminar (45 hours in assigned DOE classroom) EDUC 410 Reading and Writing Across the Curriculum EDUC 482 Productive Learning in the Math Classroom
6	BLOCK 2 Prerequisite: Completion of all Block 1 courses with grades of "C-" or higher EDSE 437 Secondary Math Methods EDSE 440 Block 2 Practicum w/seminar (45 hours in assigned DOE classroom)

THE PROFESSIONAL SEMESTER: 15 credits

- 1. Completion of all required Pre-professional & Professional and Professional Teacher Education courses.
- 2. 2.75 GPA or higher for the Methods Block courses (400-level series);
- 3. 2.5 overall or higher GPA, with no grade lower than a "C-" for all Education courses.
- 4. Content knowledge verification, must complete one of the options below:
- Passing of Praxis II Content Knowledge Test. HTSB website http://www.ets.org/praxis/hi/requirements.
 OR
- Content major consisting of a minimum of 30 credits in the content field of the Bachelor's degree awarded by a regionally accredited institution of higher education **OR**
- Complete a minimum of 30 credits in the content field from a regionally accredited institution of higher education with a 2.50+ GPA. At least 15 credits must be Upper Division.

Credits	Course Alpha / Number / Title
12	EDSE 490 Student Teaching
3	EDSE 492 WI Student Teaching Seminar

Attachment 10

Bachelor of Education, Secondary Education (6-12), Social Studies

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all students in a positive environment that supports student success. This advising sheet is for tracking purposes toward degree completion and is subject to change. Students also may track their academic progress via STAR Degree Check through STAR GPS at <u>https://www.star.hawaii.edu/</u>. Academic Advising appointments may be scheduled by calling <u>808-689-2689</u> or toll-free from neighbor islands at <u>866-299-8656</u>.

Graduation Requirements (see the current catalog for any additional graduation requirements):

 □ 45 Upper Division Credits Minimum
 □ 3 Upper Division Writing Intensive Courses
 □ 2.0 UHWO GPA

 □ 120 Total Credits Minimum
 □ Focus Requirements (OC, HAP, ETH)
 □ 2.0 CONCENTRATION GPA

 □ 30 UHWO Credits
 □ 40 Credits
 □ 40 Credits

General Education Requirements: 31 credits

Credits	Course Alpha / Number / Title
3	Foundations Written Communications (FW) /Leeward CC ENG 100 ENG 100 Composition I
3	Foundations Symbolic Reasoning (FS) OR Foundations of Quantitative Reasoning (FQ): MATH 100 or higher /Leeward CC MATH 100 or higher
6	Foundations Multicultural Perspectives (FG): /Leeward CC HIST 151 and HIST 152, GEOG 102 or ANTH 6 credits from two <u>different</u> groups (A, B, C): 152 *Group A: Primarily before 1500 CE (e.g., HIST 151 or ANTH 151) *Group B: Primarily after 1500 CE (e.g., HIST 152 or ANTH 152) *Group C: Pre-history to present
6	Diversification Arts, Humanities & Literature (DA, DH, DL): 6 credits from two different areas /Leeward CC HWST 107 (DH, HAP) and any DA
3	Diversification Social Sciences (DS): /Leeward CC PSY 100
3	Diversification Social Sciences (DS): Different area from above. /Leeward CC ECON 131, POLS 110 or SOC 100
3	Diversification Natural Sciences (DB, DP, DY): /Leeward CC (DB) 3 credits from the biological sciences (DB):
3	3 credits from the physical sciences (DP): /Leeward CC (DP)
1	1 credit of laboratory (DY): /Leeward CC Lab (DY)

Writing Skills Requirement: 3 credits

Credits	Course Alpha / Number / Title
3	ENG 200 Composition II (or equivalent) with a "C-" or higher /Leeward CC ENG 200

Lower Division Math Requirement: 0-3 credits

Credits	Course Alpha / Number / Title
0 or 3	MATH 100 with a "C-" or higher (can also satisfy general ed FS/FQ above) /Leeward CC MATH 100 or higher

Educational Foundations: 9-15 credits

Credits	Course Alpha / Number / Title
3	ETEC 279 Educational Media & Technology /Leeward CC ED 279

Credits	Course Alpha / Number / Title
3	SPED 304 Foundations of Inclusive Schooling (20 hours of service learning required)(May be used to fulfill OC and DS if taken at UHWO) /Leeward CC ED 284
3	PSY 100 Survey of Psychology (can also satisfy general ed DS above) /Leeward CC PSY 100
3	PSY 342 Educational Psychology /Leeward CC ED 289
3	PSY 343 Adolescent Psychology

Pre-Professional Teacher Education Courses: 9 credits

Credits	Course Alpha / Number / Title
3	EDEF 200 Early Field Experience (1 cr) (45 hours in assigned DOE classroom) /Leeward CC ED 285,291,295 EDEF 201 Introduction to Teaching as a Career (2 cr) /Leeward CC ED 100 Prerequisite: Placement into ENG 100 or concurrent enrollment in ENG 22.
3	EDEF 310 Education in American Society (20 hours of service learning required) /Leeward CC ED 290 Prerequisite: Sophomore or higher-level standing; completion of EDEF 200 and 201 with "C-" or higher or concurrent enrollment
3	EDEF 345 Introduction to Middle-level & Secondary Education (45 hours in assigned DOE classroom) Prerequisite: completion of EDEF 200 and 201 with "C-" or higher and prior or concurrent enrollment in EDEF 310.

Teaching Area Social Studies: 33-48 credits

*Max 15 credits may be used to fulfill General Education Requirements

History: 15 credits

Credits	Course Alpha / Number / Title
3	HIST 151 World History to 1500 /Leeward CC
3	HIST 152 World History since 1500
3	HIST 281 Introduction to American History I
3	HIST 282 Introduction to American History II
3	Any Upper Division (300-400 level) History class

Political Science: 9 credits

Credits	Course Alpha / Number / Title
3	POLS 110 Introduction to Political Science

Choose 6 credits from the following:

POLS 302 Political Philosophy POLS 320 Global Issues POLS 330 American Politics POLS 342 Indigenous People and Modernity POLS 370 Politics and Public Policy POLS 371 Global Futures

Credits	Course Alpha / Number / Title
3	
3	

Geography: 6 credits

Credits	Course Alpha / Number / Title
3	GEOG 102 World Regional Geography

Choose 3 credits from the following OR other approved course:

GEOG 326 Environment, Resources & Society

GEOG 328 Culture and Environment

Credits	Course Alpha / Number / Title
3	

Economics: 3 credits

Credits	Course Alpha / Number / Title
3	ECON 131 Principles of Macroeconomics

Sociology: 3 credits

Choose one from the following:

SOC 100 Survey of General Sociology

SOC 352 Sociology of Education

Credits	Course Alpha / Number / Title
3	

Anthropology: 6 credits

Credits	Course Alpha / Number / Title
3	ANTH 152 Culture and Humanity
Choose one from the following:	
ANTH 480 Land, Culture and Social Justice	
ANTH 481 Anthropology in Action and Building a Career	
Any 300-400 level ANTH course	

Credits	Course Alpha / Number / Title
3	

Hawaiian-Pacific Studies: 6 credits

Choose 6 credits from the following:

HPST 281 Education in the Pacific Islands (cross-listed EDUC 281)

HPST 365 Geography of the Pacific (cross-listed GEOG 365)

HPST 384 Hawai'i from European Contact to the Overthrow (cross-listed HIST 384)

HPST 437 Pacific Archeology (Cross-listed ANTH 437 & HIST 437)

HPST 440 Kānāwai Hawai'i: Native Hawaiian Law (cross-listed POLS 440)

HPST 482 Pacific Islands (cross-listed HIST 482)

HPST 483 Archeology of Hawai'i

HPST 488 Twentieth Century Hawai'i (cross-listed HIST 488)

Credits	Course Alpha / Number / Title
3	
3	

PROFESSIONAL TEACHER EDUCATION REQUIREMENTS: 18 credits

Admission Requirements - Approval of Application for Professional Teacher Education (APTE):

- 1. Submit an Application for Teacher Education (APTE) to the Division of Education by the 1st week of the semester preceding anticipated enrollment.
- 2. Completion of a minimum of 55 credits.
- 3. "C-" or higher in EDEF 200, EDEF 201, EDEF 310, EDEF 345, and SPED 304. "C-" or higher in ENG 100, ENG 200, MATH 100, PSY 342, and PSY 343.
- 4. 2.5 Overall GPA; This includes GPA for credits transferred to UHWO.
- 5. Fingerprinting and criminal background check clearance by the Hawai`i Department of Education.

Credits	Course Alpha / Number / Title
12	<u>BLOCK 1</u> Prerequisite: APTE approval EDEF 404 WI Teaching Culturally and Linguistically Diverse Learners SPED 405 Educating Students with Disabilities EDSE 430 Block 1 Practicum with Seminar (45 hours in assigned DOE classroom) EDUC 410 Reading & Writing Across the Curriculum
6	<u>BLOCK 2</u> Prerequisite: Completion of all Block 1 courses with grades of "C-" or higher EDSE 448 Secondary Social Studies Methods EDSE 440 Block 2 Practicum with Seminar <i>(45 hours in assigned DOE classroom)</i>

THE PROFESSIONAL SEMESTER: 15 credits

- 1. Completion of all required Pre-professional & Professional and Professional Teacher Education courses.
- 2. 2.75 GPA or higher for the Methods Block courses (400-level series).
- 3. 2.5 overall or higher GPA, with no grade lower than a "C-" for all Education courses.
- 4. Content knowledge verification, must complete one of the options below:
 - Passing of Praxis II Content Knowledge Test. HTSB website http://www.ets.org/praxis/hi/requirements.
 OR
 - Content major consisting of a minimum of 30 credits in the content field of the Bachelor's degree awarded by a regionally accredited institution of higher education OR
 - Complete a minimum of 30 credits in the content field from a regionally accredited institution of higher education with a 2.50+ GPA. At least 15 credits must be Upper Division.

Credits	Course Alpha / Number / Title
12	EDSE 490 Student Teaching
3	EDSE 492 WI Student Teaching Seminar