ASSOCIATE IN ARTS DEGREE

60 credits
1. Minimum cumulative grade-point average: 2.0 GPR or better for all courses used to meet the degree requirements. Transfer coursework is not calculated into the GPR.
2. 60 credits, all in courses numbered 100 or above
3. A maximum of 48 transfer credits earned at other colleges may be applied towards the degree
4. The 60 credits are composed of:
   a. 31 credits in General Education Core requirements (12 credits in Foundation, 19 credits in Diversification)
   b. 29 credits of electives
   c. Graduation Requirements (Focus Requirements)
5. A minimum of 12 credits of courses number 100 or above must be earned at Leeward CC

ASSOCIATE IN SCIENCE DEGREE

60 to 67 credits depending upon the field of study
1. Minimum cumulative grade-point average: 2.0 GPR or better for all courses used to meet the degree requirements. Transfer coursework is not calculated into the GPR.
2. Minimum Program requirements:
   a. Courses required by major program.
   b. General education or liberal arts courses required by the college or program. Specific requirements are listed in each program section.
   c. Electives as needed to meet the total credit hours requirement.
   d. Proficiency in written and/or oral communication and/or mathematics usually met by successful completion of course identified by the program.
3. A minimum of 12 credit hours in the major subject area (such as Accounting, Digital Media etc.) must be earned at Leeward CC. This residency requirement may be waived for cause at the option of the Vice Chancellor for Academic Affairs or appropriate Academic Dean. The Vice Chancellor or Dean may also (at their discretion) approve use of credit-by-examination to meet residency requirements.
4. All of the total credit hours required must be at the baccalaureate level in courses numbered 100 or above

*Exceptions to the residency requirement may be approved for cause by the Vice Chancellor for Academic Affairs or appropriate Academic Dean. The Vice Chancellor or Dean may also approve use of credit-by-examination to meet residency requirements for the Certificate of Achievement.

ASSOCIATE IN APPLIED SCIENCE DEGREE

60 to 67 credits depending upon the field of study
1. Minimum cumulative grade-point average: 2.0 GPR or better for all courses used to meet the degree requirements. Transfer coursework is not calculated into the GPR.
2. Minimum Program requirements:
   a. Courses required by major program.
   b. General education or liberal arts courses required by the college or program. Specific requirements are listed in each program section.
   c. Electives as needed to meet the total credit hours requirement.
   d. Proficiency in written and/or oral communication and/or mathematics usually met by successful completion of course identified by the program.
3. A minimum of 12 credit hours in the major subject area (such as Automotive) must be earned at Leeward CC. The residency requirement may be waived for cause at the option of the Vice Chancellor for Academic Affairs or appropriate Academic Dean. The Vice Chancellor or Dean may also (at their discretion) approve use of credit-by-examination to meet residency requirements.
ASSOCIATE IN ARTS DEGREE

Foundations Requirements: 12 credits
3 credits in Written Communication (FW)
3 credits in Symbolic Reasoning (FS)
6 credits in Global Multicultural Perspectives (FG)

Foundations courses are intended to give students skills and perspectives that are fundamental to undertaking higher education. Courses taken to fulfill the Foundations requirement may not be used to fulfill Diversification or Focus requirements. Only courses taken after they have an official Foundations designation (FW, FS, or FG) will count as meeting the Foundations requirement. To enroll in a course that meets the Foundations requirement, students must first meet the prerequisites, if any. Approved Courses are listed on pages 27–29.

Written Communication (FW): 3 credits
Written Communication courses introduce students to the rhetorical, conceptual, and stylistic demands of writing at the college level; courses give instruction in composing processes, search strategies, and composing from sources. These courses also provide students with experiences in the library and on the Internet and enhance their skills in accessing and using various types of primary and secondary materials.

Symbolic Reasoning (FS): 3 credits
Symbolic Reasoning courses expose students to the beauty and power of formal systems, as well as to their clarity and precision; courses will not focus solely on computational skills. Students learn the concept of proof as a chain of inferences. They learn to apply formal rules or algorithms; engage in hypothetical reasoning; and traverse a bridge between theory and practice. In addition, students develop the ability to use appropriate symbolic techniques in the context of problem solving and to present and critically evaluate evidence.

Global and Multicultural Perspectives (FG): 6 credits
Global and Multicultural Perspectives courses provide thematic treatments of global processes and cross-cultural interactions from a variety of perspectives. Students will gain a sense of human development from prehistory to modern times through consideration of narratives and artifacts of and from diverse cultures. At least one component of each of these courses will involve the indigenous cultures of Hawai‘i, the Pacific, or Asia. To satisfy this requirement, students must take six credits; the six credits must come from two different groups. See page 27 for groups A, B and C.

Diversification Requirements: 19 credits
6 cr. in Arts, Humanities, and Literatures (DA, DH, DL)
6 cr. in Social Sciences (DS)
7 cr. in Natural Sciences (DB, DP, DY; 2 courses and 1 lab)

The Diversification requirement is intended to assure that every student has a broad exposure to different domains of academic knowledge, while at the same time allowing flexibility for students with different goals and interests. To enroll in a course that meets the Diversification requirement, students must first meet the prerequisites, if any. Some courses that satisfy the Diversification requirement may also simultaneously satisfy Focus requirements. (See a counselor for “Requirements that may be Double-Dipped.”) Approved courses are identified in this Catalog on pages 27–29. They are also indicated by designations after the course description.

Arts, Humanities, and Literatures (DA, DH, DL): 6 credits
To satisfy this requirement, students must take six credits from two separate sub-categories. Each course must be taken from a different discipline. Arts area courses are designated “DA,” Humanities area courses as “DH,” and Literatures area courses as “DL” in the course descriptions of this Catalog.

Social Sciences (DS): 6 credits
To satisfy this requirement, students must take six credits from two different disciplines. Approved courses are identified in this Catalog with the letters “DS” after the course description.

Natural Sciences (DB, DP, DY): 7 credits
To satisfy this requirement, students must take two courses and a lab for a total of seven credits. The three courses must include a biological science (DB), a physical science (DP) and a laboratory (DY) course; one of the courses must have a matching lab class. Course numbers with an “L” are separate lab courses. Some DB and DP courses have a lab embedded. Approved courses are identified in this Catalog with the appropriate letters after the course description. Designations are: “DB” for Biological science courses, “DP” for physical science courses and “DY” for laboratory courses.

Graduation Requirements on following page
ASSOCIATE IN ARTS DEGREE

Graduation Requirements
Focus Requirements (5 courses)
1 course: Contemporary Ethical Issues (ETH)
1 course: Hawaiian, Asian, & Pacific Issues (HAP)
2 courses: Writing Intensive (WI)
1 course: Oral Communication (OC)

Focus Requirements
The Focus requirements identify important additional skills and discourses necessary for living and working in diverse communities. Only Focus courses taken after they have received official designation can count as meeting the Focus requirement. Focus courses are not shown in this Catalog but appear in each semester’s Class Availability listing. Because the approved Focus courses may change each semester, students should consult the College’s up-to-date online course listing before they register.

Contemporary Ethical Issues (ETH): 1 course
These courses are designed to give students tools for the development of responsible deliberation and ethical judgment. Courses fulfilling this requirement are offered in departments across the curriculum. Approved sections are identified in the College’s Class Availability with an “ETH” on the left-hand column and the letter “E” preceding the title; offerings vary each semester. Courses designated “ETH” fulfill the E-focus requirement at Leeward CC, but not at UH Mānoa. UH Mānoa requires a 300-level E-focus course for graduation. All approved E-focus courses from UH Mānoa, UHWO, or any community college, will meet the Leeward CC E-focus graduation requirement.

Hawaiian, Asian, and Pacific Issues (HAP): 1 course
These courses focus on issues in Hawaiian and Asian or Pacific cultures and history; they promote cross-cultural understanding between nations and cultures. Courses fulfilling this requirement are offered in departments across the curriculum. Approved sections are identified in the College’s Class Availability with an “HAP”; offerings vary each semester.

Writing Intensive (WI): 2 courses
Because writing helps students both to learn and to communicate, Leeward Community College requires students to take two writing intensive courses. Small writing intensive classes, in which instructors work with students on writing related to course topics, are offered in various disciplines. Students need to satisfy the Written Communication “FW” requirement with a grade of C or better before they enroll in writing intensive courses. Approved sections are identified in the College’s Class Availability with a “WT”; offerings vary each semester.

Oral Communication (OC): 1 course
These courses will give students explicit training, in the context of the class, in oral communication concerns relevant to the assignment or activity. Courses fulfilling this requirement are offered in departments across the curriculum. Approved sections are identified in the College’s Class Availability with an “OC” on the left hand column and the letter “OC” preceding the title; offerings vary each semester. Courses designated “OC” fulfill the OC Focus requirement at Leeward CC, but not at UH Mānoa. UH Mānoa requires a 300 level OC-Focus course for graduation. All approved OC-Focus courses from UH Mānoa, UHWO, or any community college, will meet the Leeward CC OC-Focus graduation requirement.

NOTES
See pages 27–29 for listing of courses that meet AA degree General Education Foundation and Diversification Requirements.

Students may follow the degree requirements that were in effect at the time of their original enrollment or any year thereafter, provided that they have maintained continuous enrollment. Such students, however, should see a counselor for academic advising.
### Foundation Requirements

**AA degree: 12 credits**

**Written Communication (FW) 3 cr.**
- ENG 100 Composition I
- ENG 100E Composition I
  (for non-native speakers of English)

**Symbolic Reasoning (FS) 3 cr.**
- ICS 141 Discrete Mathematics for Computer Sci
- ICS 241 Discrete Mathematics for Computer Sci II
- MATH 100 Survey of Mathematics
- MATH 100C Survey of Math Culinary Arts
- MATH 103 College Algebra
- MATH 112 Math for Elem. Teachers II
- MATH 115 Statistics
- MATH 135 Pre-Calculus: Elem. Functions
- MATH 140 Pre-Calc: Trig & Anal Geometry
- MATH 140X Accelerated Pre-Calculus
- MATH 203 Calculus for Bus. & Soc Sciences
- MATH 205 Calculus I

**Global Multicultural Perspectives (FG) 6 cr.**
Select two courses, each from a different group.

**Group A:**
- ANTH 151 Emerging Humanity
- ART 175 Survey of Global Art I
- HIST 151 World History to 1500

**Group B:**
- ANTH 152 Culture and Humanity
- ART 176 Survey of Global Art II
- BUSN 277 International Business Protocol
- BUSN 279 International Business Analysis
- GEOG 102 World Regional Geography
- HIST 152 World History Since 1500

**Group C:**
- GEOG 151 Geography & Contemporary Society
- MUS 107 Music in World Cultures
- REL 150 Intro to the World’s Major Religions

### Diversification Requirements

**AA degree: 19 credits**

**Arts, Humanities, and Literature 6 cr.**
6 total credits required, one course from two separate subcategories. Each course must be taken from a different discipline.

**Diversification Arts (DA)**

*Mainly Theory*
- ART 101 Intro to the Visual Arts
- MUS 108 Music Fundamentals
- MUS 253 Music For Classroom Teachers
- MUS 281 Music Theory I
- MUS 282 Music Theory II
- MUS 283 Aural Training I
- MUS 284 Aural Training II
- THEA 101 Intro to Drama & Theatre

*Mainly Practice*
- ART 104 Intro to Printmaking
- ART 104D Intro to Printmaking Screenprinting
- ART 105B Intro to Ceramics: Handbuilding
- ART 105C Intro to Ceramics: Wheel Throwing
- ART 107 Intro to Photography
- ART 107D Intro to Digital Photography
- ART 112 Digital Art
- ART 113 Introduction to Drawing
- ART 113D Intro to Computer Drawing
- ART 115 Intro to Design - 2D
- ART 116 Introduction to Three-Dimensional Composition
- ART 123 Intro to Painting
- ART 202 Digital Imaging
- ART 213 Inter. Drawing
- ART 243 Intermediate Ceramics, Handbuilding
- ART 244 Intermediate Ceramics, Wheel Throwing 2
- DNCE 131 Modern Dance I
- DNCE 132 Modern Dance II
- DNCE 180 Dance Production
- DMED 150 Film Analysis and Storytelling
- HWST 160 Hula Nei I
- MUS 103 Guitar Ensemble I
- MUS 104 Beginning Jazz Ensemble
- MUS 112 Hawaiian Ensemble I
- MUS 113 Hawaiian Ensemble II
- MUS 114 College Chorus
- MUS 121B Beginning Voice
- MUS 121C Beginning Piano I
- MUS 121D Classic Guitar I
- MUS 121E Folk Guitar I
- MUS 121F Slack Key Guitar
- MUS 121Z ‘Ukulele
- MUS 122B Intermediate Voice
- MUS 122C Beginning Piano II
- MUS 122D Classic Guitar II
- MUS 122E Pop/Folk Guitar II
- MUS 122F Slack Key Guitar
- MUS 122Z ‘Ukulele II
- MUS 201 Vocal Ensemble
- MUS 203G Guitar Ensemble
- MUS 221B Advanced Voice
- MUS 221C Intermediate Piano Class I
- MUS 221D Woodwind, Brass or Percussion
- MUS 221H Classic Guitar III
- MUS 222C Intermediate Piano Class II
- MUS 232 Applied Music
- MUS 232G Applied Music: Classical Guitar
- THEA 170 Introduction to Children’s Theatre
- THEA 220 Beginning Voice and Movement
- THEA 221 Beginning Acting I
- THEA 222 Beginning Acting II
- THEA 230 Storytelling and Solo Performance
- THEA 240 Stagecraft
- THEA 262 Local Style Theatre
- THEA 260 Dramatic Production
- THEA 280 Beginning Playwriting

**Diversification Literature (DL)**
- ENG 270 Introduction to Literature: Literary History
- ENG 271 Introduction to Literature: Genre
- ENG 272 Introduction to Literature: Culture & Literature
- ENG 272H Introduction to Literature: Culture & Literature (Honors)
- HWST 260 Hawaiian Literature
- HWST 270 Hawaiian Mythology
### Diversification Humanities (DH)

- AMST 201 The American Experience: Institutions and Movements
- AMST 202 The American Experience: Culture and the Arts
- ASAN 203 Philippine Cultural History
- ASAN 204 History of Filipinos in the US
- HWST 107 Hawai‘i: Center of the Pacific
- HIST 231 Modern European Civilization I
- HIST 232 Modern European Civilization II
- HIST 241 Civilizations of Asia I
- HIST 242 Civilizations of Asia II
- HIST 251 Islamic Civilization
- HIST 260 20th Century World History
- HIST 281 Intro to American History I
- HIST 282 Intro to American History II
- HIST 284 History of the Hawaiian Islands
- ICS 170: Ethics for the Digital World
- IS 250H Leadership Development
- LING 102 Intro to the Study of Language
- MUS 106 Intro to Music Literature
- PHIL 100 Intro to Phil: Survey of Problems
- PHIL 101 Intro to Phil: Morals & Society
- PHIL 102 Intro to Philosophy: Asian Traditions
- PHIL 211 Ancient Philosophy
- REL 151 Religion & the Meaning of Existence
- REL 200 Understanding the Old Testament
- REL 201 Understanding the New Testament
- REL 202 Understanding Indian Religions
- REL 204 Understanding Japanese Religions
- REL 205 Understanding Hawaiian Religion
- REL 207 Understanding Buddhism
- REL 210 Understanding Christianity

### Diversification Social Sciences (DS)

- AMST 211 Contemporary American Domestic Issues
- AMST 212 Contemporary American Global Issues
- ANTH 150 Human Adaptations
- ANTH 200 Cultural Anthropology
- ANTH 210 Archaeology
- ECON 120 Intro to Economics
- ECON 130 Principles of Microeconomics
- ECON 131 Principles of Macroeconomics
- FAMR 230 Human Development
- PACS 108 Pacific Worlds: An Introduction to Pacific Islands Studies
- POLS 110 Intro to Political Science
- POLS 120 Intro to World Politics
- POLS 180 Intro to Politics in Hawai‘i
- PSY 100 Survey of Psychology
- PSY 202 Psychology of Gender
- PSY 240 Developmental Psychology
- PSY 260 Personality Psychology
- SOC 100 Survey of General Sociology
- SOC 151 Intro to the Sociology of Food
- SOC 214 Intro to Race & Ethnic Relations
- SOC 218 Intro to Social Problems
- SOC 231 Intro to Juvenile Delinquency
- SOC 250 Community Forces in Hawai‘i
- SOC 250H Community Forces in Hawai‘i (Honors)
- SOC 251 Sociology of the Family
- WS 151 Intro to Women’s Studies
- WS 202 Psychology of Gender
- WS 290V Topics in Women’s Studies

(PSY 202 and WS 202 are cross-listed. Students cannot earn credit for both courses toward a degree.)

### Natural Sciences 7 cr.

Two courses and a lab required for a total of 7 credits. The 2 courses must include a biological science (DB for 3 cr.) and a physical science (DP for 3 cr.). One of the 2 courses must include a lab (DY for 1 cr.).

### Diversification Biological (DB)

- ANTH 215 Physical Anthropology
- BIOL 100 Human Biology
- BIOL 101 Biology for Non-Majors
- BIOL 124 Environment and Ecology
- BIOL 130 Anatomy and Physiology
- BIOL 171 Intro to Biology I
- BIOL 172 Intro to Biology II
- BIOL 200 Coral Reefs
- BIOL 265 Ecology and Evolutionary Biology
- BIOL 275 Cell and Molecular Biology
- BOT 101 Botany
- BOT 130 Plants in the Hawaiian Environment
- FSHN 185 Science of Human Nutrition
- HORT 110 Hawaiian Horticulture & Nutrition
- MICR 130 General Microbiology
- PBT 141 Integrated Pest Management
- PBT 200 Intro to Plant Science
- ZOOL 101 Principles of Zoology
- ZOOL 141 Human Anatomy and Physiology I
- ZOOL 142 Human Anatomy and Physiology II
- ZOOL 200 Marine Biology

### Diversification Biological + Lab (DB+DY)

- AG 112 Introduction to Organic Agriculture (lect/lab)
- PBT 264 Intro to Horticulture and Plant Propagation (lect/lab)
### AA Degree General Education Course Listing

#### Diversification Physical (DP)
- ASTR 110 Survey of Astronomy
- BIOC 141 Fundamentals of Biochemistry
- BIOC 251 Elements of Biochemistry
- CHEM 100 Chemistry and Man
- CHEM 151 Elementary Survey of Chemistry
- CHEM 161 General Chemistry I
- CHEM 162 General Chemistry II
- CHEM 272 Organic Chemistry I
- CHEM 273 Organic Chemistry II
- GG 101 Intro to Geology
- GG 103 Geology of the Hawaiian Islands
- GEOG 101 Natural Environment
- OCN 201 Science of the Sea
- PHYS 100 Survey of Physics
- PHYS 151 College Physics I
- PHYS 152 College Physics II
- PHYS 170 General Physics I
- PHYS 272 General Physics II

#### Diversification Physical + Lab (DP+DY)
- SCI 122 Intro to Science-Physical (lect/lab)

#### Diversification Laboratory (DY)
- ANTH 215L Physical Anthropology Lab
- BIOL 101L Biology for Non-Majors
- BIOL 124L Environment and Ecology Lab
- BIOL 130L Anatomy and Physiology Lab
- BIOL 171L Intro to Biology I Lab
- BIOL 172L Introduction to Biology Lab II
- BIOL 200L Coral Reefs
- BIOL 265L Ecology and Evolutionary Bio Lab
- BIOL 275L Cell and Molecular Biology Lab
- BOT 101L Botany Lab
- BOT 130L Plants in the Hawaiian Environment
- CHEM 100L Chemistry and Man
- CHEM 151L Elementary Survey of Chemistry Laboratory
- CHEM 161L General Chemistry I Lab
- CHEM 162L General Chemistry II Lab
- CHEM 272L Organic Chemistry I Lab
- CHEM 273L Organic Chemistry II Lab
- HORT 110L Hawaiian Horticulture & Nutrition
- MICR 140L General Microbiology Lab
- GG 101L Intro to Geology Lab
- GEOG 101L Natural Environment Lab
- OCN 201L Science of the Sea Laboratory
- PBT 200L Intro to Plant Science Lab
- PHYS 100L Survey of Physics Laboratory
- PHYS 151L College Physics I Lab
- PHYS 152L College Physics II Lab
- PHYS 170L General Physics I Lab
- PHYS 272L General Physics II Lab
- ZOOL 101L Principles of Zoology
- ZOOL 141L Human Anatomy and Physiology I
- ZOOL 142L Human Anatomy and Physiology II
- ZOOL 200L Marine Biology

### Important Note:
Appropriate course substitutions for the AA degree may be made with the prior written approval of both the appropriate Division Chair and the Dean of Arts and Sciences.