

## The Liberal Arts

### UHMC Liberal Arts Programs

UH Maui College offers several curricula based upon Liberal Arts courses. These curricula include two Associate in Arts degrees - in Liberal Arts and in Hawaiian Studies - and an Associate in Science degree in Natural Science with four concentrations.

#### \*\*Quantitative Reasoning (FQ)

**Requirement: 3 credits**

**Important!** Quantitative Reasoning (FQ) replaces Symbolic Reasoning (FS) as a General Education requirement for the three UHMC Liberal Arts programs, effective Fall 2018. To ensure there is adequate time for students who entered the UH System prior to Fall 2018 to complete their FS requirements, FS courses will be offered through Summer 2020 at UHMC and at the other UH community colleges. Students entering the UH System in Fall 2018 and beyond may select courses with the FQ designation.

Students who entered the UH System prior to Fall 2018 and have been continuously enrolled should refer to their original catalog year requirements. Students should contact their designated School/College academic or faculty advisor for more information. The primary goal of FQ courses is to develop mathematical reasoning skills at the college level. Students apply mathematical concepts to the interpretation and analysis of quantifiable information in order to solve a wide range of problems arising in pure and applied research in specific disciplines, professional settings, and/or daily life.

### Associate in Arts (AA) Degree in Liberal Arts

The Associate in Arts degree in Liberal Arts offers students a Liberal Arts general education degree and also prepares students for transfer to a baccalaureate degree program at a 4-year college or university. The AA degree in Liberal Arts requires 60 credits in courses numbered 100 or higher. The curriculum instills foundational skills and a broad scope of knowledge that fosters academic success in upper division coursework, effective citizenship, and an appreciation for lifelong learning. Special emphasis on global and Hawai'i perspectives encourages respect and appreciation of cultural diversity. Opportunities to apply learning through service to the community are integrated throughout the curriculum.

Name: Last, First, Middle Initial:

UH ID Number:

**GRAUATION REQUIREMENTS** *Students planning to transfer should consult an academic counselor*

#### CREDITS

Minimum Applicable: 60 credits, 100-level or higher

#### GRADES

Minimum Cumulative GPA: 2.0

#### RESIDENCY

Minimum UHMC: 12 credits *May be waived for cause or credit-by-exam with Vice Chancellor of Academic Affairs approval.*

#### WRITING INTENSIVE (WI): Two courses

1 \_\_\_\_\_

2 \_\_\_\_\_

#### Hawai'i Emphasis (HI): One course from this list.

**AG** 253, 265; **ANTH** 165; **BOT** 105/**HWST** 211; **BIOL** 105, 200; **ENG** 257E; **GG** 103; **HAW** 101, 102, 104 (former **HAW** 100), 201, 202, 221, 261; **HIST** 284; **HWST** 100BCD, 107, 111, 132, 205A, 205E, 205I, 207, 213, 222, 231, 262, 270, 286, 291; **HWST** 176/**MUS** 176; **MUS** 114H; **PACS** 108; **POLS** 180.  
*Note: Topics courses offered in HAW or HWST will fulfill this requirement. For UH Mānoa or UH West O'ahu transfer, select either BOT 105/ HWST 211; HWST 107; or PACS 108 to meet HAP requirement. For UH Hilo transfer, check with an academic counselor.*

#### Oral Communication in English: Choose one course from this list.

**BUS/COM** 130, **COM** 145, 210, **COM** 215/**PSY** 253, **COM** 353/**PSY** 353, **COM** 459; (**DRAM** -> **THEA**) 221, 222; **SP** 151, 251.  
*The UHMC Oral Communication requirement does not satisfy the UH Mānoa Oral Communication requirement. Selected courses may satisfy the UH West O'ahu Oral Communication requirement. Check with an academic counselor.*

#### FOUNDATIONS REQUIREMENTS - Course filling a Foundations category may not be used elsewhere.

##### English Communication: 3 credits

FW	Course	Credits	Grade	Semester	Year
<b>ENG</b> 100 - Written Communication					

##### Global Multicultural Perspectives: 6 credits - Choose two courses from different groups.

FGA	Course	Credits	Grade	Semester	Year
Before 1500 CE: <b>ANTH</b> 151; <b>HIST</b> 151					
Since 1500 CE: <b>ANTH</b> 152; <b>HIST</b> 152; <b>GEOG</b> 102, <b>SSM</b> 101					
Pre-history to present: <b>MUS</b> 107; <b>REL</b> 150					

##### Symbolic Reasoning: 3 credits - Choose one course. \*\*FS requirement discontinued Fall 2018; courses offered as FS through Summer 2020 only.

FS	Course	Credits	Grade	Semester	Year
<b>MATH</b> 100, 103, 112, 115, 119, 135, 140, 203, 241, 242, 243, 244; <b>PHIL</b> 110					

##### Quantitative Reasoning: 3 credits - Choose one course. \*\*New FQ requirement effective Fall 2018

FQ	Course	Credits	Grade	Semester	Year
<b>MATH</b> 100, 103, 112, 115, 119, 135, 140, 203, 241, 242, 243, 244					

\*When a course alpha or number was changed recently, the obsolete info is listed first within parentheses followed by the new revised info after the arrow.

DIVERSIFICATION REQUIREMENTS		Course	Credits	Grade	Semester	Year
<b>Arts, Humanities, Literatures: 6 credits</b> - Choose two courses from different groups.						
<b>DA</b>	<b>Diversification Arts:</b> ART 101, 104, 105, 107, 107D, 113, 115, 123BCD, 223, 243, 244, 263, 264; ART 161/ICS 161, ART 205/ICS 205, ART 218/ICS 261, ART 221/ICS 214; CM 105, 119, 120, 123, 125, 152, 175, 180, 220, 225, 252, 285; COM/BUS 130; (DRAM -> THEA 101, 221, 222); ENG 104, 204A, 204B, 204C; HAW 104; HWST 205A, 205E, 205I, 222; MUS 108, 114, 114H, 121B, 121C, 121D, 121F, 121G, 121Z, 122B, 122C, 122D, 122G, 122Z, 132, 180, 203, 221C, 253, 273; SP 151, 251; TCOM 261.					
<b>DH</b>	<b>Diversification Humanities:</b> ANTH 235/HIST 288; ART 270; CM 139, 144, 146, 148; HIST 241, 242, 253, 281, 282, 284; HUM 100, 400; HWST 100BCD, 107, 111, 132, 207, 213, 231, 262, 270, 286, 291; HWST 176/MUS 176; LING 102; MUS 106, 167, 271, 272; PHIL 100, 102, 109, 301, 323; SPAN 180v.					
<b>DL</b>	<b>Diversification Literatures:</b> ENG 250, 251, 252, 254, 255, 257, 257E, 316; FIL 261; HAW 261.					
<b>Natural Sciences: 7 credits</b> - Choose one Biological, one Physical, and one corresponding lab.						
<b>DB</b>	<b>Diversification Biological:</b> AG 200, 253, 265; ANTH 215; AQUA 362, 466; BIOL 100, 105, 124, 151, 171, 172, 200, 282, 331, 424; BIOL 101/SCI 121; BIOL 102/BOT 101; BIOL 103/ZOOL 101; FSHN 185, 285; MICR 130; PHRM 203; PHYL 141, 142; SSM 302, 384; ZOOL 200.					
<b>DP</b>	<b>Diversification Physical:</b> ASTR 110; BIOC 241 → 141, 244 → 142; CHEM 100, 151, 161, 162, 272, 273; EE 160, 211; GEOG 101; GG 101, 103; OCN 201, 351*; PHYS 105, 151, 152, 170, 219, 272; SCI 114, 122; SSM 201, 202, 275, 375, 402, 403.					
<b>DY</b>	<b>Diversification Lab:</b> AG 200L, 253L, 265L; ANTH 210L; AQUA 362L, 466L; ASTR 110L; BIOL 105L, 124L, 152L*, 171L, 172L, 200L, 331L, 424L; BIOL 101L/SCI 121L; BIOL 102L/BOT 101L; BIO 103L/ZOOL 101L; BOT 105L/HWST 211L; CHEM 100L, 151L, 161L, 162L, 272L, 273L; GEOG 101L; GG 101L; MICR 140; OCN 201L, 351L*; (ZOOL → PHYL 141L, 142L;) PHYS 105L, 151L, 152L, 170L, 219L, 272L; SCI 122L, 165L, 265L, 295V; ZOOL 200L. <i>*If a 3-credit course taken includes a lab, additional credits may be needed to meet the 60-credit AA requirement. A 4-credit course may include a lab - check catalog.</i>					
<b>Social Sciences: 6 credits</b> - Choose two courses from different disciplines.						
<b>DS</b>	<b>Diversification Social Sciences:</b> ANTH 150, 165, 200, 210, 225, 281; BOT 105/HWST 211; COM 145, 210, 459; COM 215/PSY 253; COM 353/PSY 353; CM 147; ECON 120, 130, 131; HDFS 230; HSER 240; PACS 108; POLS 110, 180; PSY 100, 170, 202, 212, 225, 240, 250, 260, 352; SOC 100, 215, 218, 231, 251; SSM 301, 401.					
1.						
2.						
<b>ELECTIVES:</b> To meet 60-credit minimum of 100-level or higher coursework, and other graduation requirements not satisfied previously.*						
	<i>Hawaiian or Second Language recommended; may be required for a Bachelor degree. Consult with academic counselor or program coordinator.</i>					
1.						
2.						
3.						
4.						
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9.						

\*Interdisciplinary Studies courses do apply. These maximums are applied: 9 credits Cooperative Education and Work Practicum; 30 credits CR grade.

## Hawaiian Studies

The Associate in Arts degree in Hawaiian Studies is designed to focus on Hawaiian Studies and Hawaiian Language coursework while building a broad foundation in the liberal arts.

Graduates have a wide range of four-year degree options: students may transfer into Hawaiian studies, Hawaiian language, Education, Science, Technology, Social Work, Nursing, and many more areas.

Associate in Arts (AA) Degree in Hawaiian Studies						
<i>Name: Last, First, Middle Initial</i>			<i>UH ID Number</i>			
GRADUATION REQUIREMENTS						
CREDITS						
<input type="checkbox"/>	Minimum Applicable: 60 credits, 100-level or higher					
GRADES						
<input type="checkbox"/>	Minimum Cumulative GPA: 2.0					
RESIDENCY						
<input type="checkbox"/>	Minimum UHMC: 12 credits					
WRITING INTENSIVE (WI): Two courses						
<input type="checkbox"/>	1_____					
<input type="checkbox"/>	2_____					
HAWAIIAN STUDIES CORE: 11 credits						
	HAW 101	Course	Credits	Grade	Semester	Year
	HAW 102					
n/a	HAW 107 (Fulfilled as Arts & Humanities DH requirement)					
	HWST 270					
FOUNDATIONS GENERAL EDUCATION REQUIREMENTS: 32-34 credits						
English Communication: 3 credits						
FW	ENG 100 Written Communication	Course	Credits	Grade	Semester	Year
Global Multicultural Perspectives: 6 credits - two courses from different groups.						
FGA	Before 1500 CE: ANTH 151; HIST 151.					
FGB	Since 1500 CE: ANTH 152; HIST 152; GEOG 102; SSM 101.					
FGC	Pre-history to present: MUS 107; REL 150.					
Symbolic Reasoning: 3 credits						
FO	BUS/COM 130, COM 145, 210; (DRAM -> THEA ) 221, 222; SP 151, 251.					
Oral Communication in English: 3 credits - Choose one course. FS requirement replaced by FQ in Fall 2018; courses offered as FS through Summer 2020 only.						
FS	MATH 100, 103, 112, 115, 119, 135, 140, 203, 241, 242, 243, 244; PHIL 110					
Quantitative Reasoning: 3 credits - Choose one course. FQ requirement effective Fall 2018*						
FQ	MATH 100, 103, 112, 115, 119, 135, 140, 203, 241, 242, 243, 244					

### \*\*Quantitative Reasoning (FQ) Requirement: 3 credits

**Important!** Quantitative Reasoning (FQ) replaces Symbolic Reasoning (FS) as a General Education requirement in the UHMC three Liberal Arts programs, effective Fall 2018.

To ensure there is adequate time for students who entered the UH System prior to Fall 2018 to complete their FS requirements, FS courses will be offered through Summer 2020 at UHMC and at the other UH community colleges. Students entering the UH System in Fall 2018 and beyond may select courses with the FQ designation.

Students who entered the UH System prior to Fall 2018 and have been continuously enrolled should refer to their original catalog year requirements. Students should contact their designated School/College academic or faculty advisor for more information. The primary goal of FQ courses is to develop mathematical reasoning skills at the college level. Students apply mathematical concepts to the interpretation and analysis of quantifiable information in order to solve a wide range of problems arising in pure and applied research in specific disciplines, professional settings, and/or daily life.

DIVERSIFICATION REQUIREMENTS		Course	Credits	Grade	Semester	Year
<b>Arts and Humanities: 5-6 credits - two courses from different groups.</b>						
<b>DA</b>	Diversification Arts: HAW 104; HWST 205A, HWST 205E, HWST 205I; MUS 114H.					
<b>DH</b>	Diversification Humanities: HWST 107 required.					
<b>Natural Science: 6-7 credits - one course from Biological (DB), one Physical (DP), and one corresponding laboratory (DY).</b>						
<b>DB</b>	<b>Diversification Biological:</b> AG 200, 253, 265; ANTH 215; AQUA 362, 466; BIOL 100, 105, 124, 151, 171, 172, 200, 282, 331, 424; BIOL 101/SCI 121; BIOL 102/BOT 101; BIOL 103/ZOOL 101; FSHN 185, 285; MICR 130; PHRM 203; PHYL 141, 142; SSM 302; ZOOL 200.					
<b>DP</b>	<b>Diversification Physical:</b> ASTR 110; BIOC 241 → 141, 244 → 142; CHEM 100, 151, 161, 162, 272, 273; EE 160, 211; GEOG 101; GG 101, 103; OCN 201, 351*; PHYS 105, 151, 152, 170, 219, 272; SCI 114, 122; SSM 201, 202, 275, 375, 402, 403.					
<b>DY</b>	<b>Diversification Lab:</b> AG 200L, 253L, 265L; ANTH 210L; AQUA 362L, 466L; ASTR 110L; BIOL 105L, 124L, 152L*, 171L, 172L, 200L, 424L; BIOL 101L/SCI 121L; BIOL 102L/BOT 101L; BIOL 103L/ZOOL 101L; BOT 105L/HWST 211L; CHEM 100L, 151L, 161L, 162L, 272L, 273L; GEOG 101L; GG 101L; MICR 140; OCN 201L, 351L*; (ZOOL → PHYL 141L, 142L); PHYS 105L, 151L, 152L, 170L, 219L, 272L; SCI 122L, 165L, 265L, 295V; ZOOL 200L.  <i>*If a 3-credit course taken includes a lab, additional 100-level or higher credits may be needed to meet the 60-credit AA requirement. A 4-credit course may include a lab.</i>					
<b>Social Science: 6 credits - two courses from different disciplines.</b>						
<b>DS</b>	<b>Diversification Social Science:</b> BOT 105/HWST 211.					
<b>DS</b>	<b>Diversification Social Science:</b> ANTH 150, 165, 200, 210, 225, 281; CM 147; COM 145, 210, 459; COM 215/PSY 253; COM/PSY 353; ECON 120, 130, 131; HDFS 230; HSER 240; PACS 108; POLS 110, 180; PSY 100, 170, 202, 212, 225, 240, 250, 260, 352; SOC 100, 215, 218, 231, 251; SSM 301, 401.					
<b>ELECTIVES: Additional credits to meet 60-credit AA requirement. A minimum of three HAW or HWST courses are required at the 200-level or higher. Other approved electives: any HAW or HWST 100-level or higher, ANTH 235/HIST 288, HIST 284, or POLS 180.</b>						
1	HAW/HWST 200-level or higher required ( <i>HAW 201 recommended</i> )					
2	HAW/HWST 200-level or higher required ( <i>HAW 202 recommended</i> )					
3	HAW/HWST 200-level or higher required					
4	Approved Elective (if needed)					
5	Approved Elective (if needed)					
6	Approved Elective (if needed)					
7	Approved Elective (if needed)					
8	Approved Elective (if needed)					

## Associate in Science in Natural Science (ASNS)

**Concentrations: Biological Science | Physical Science | Engineering | Information & Communication Technology**

The Associate in Science degree in Natural Science (ASNS) program provides a comprehensive background in science and math designed specifically for students who plan to pursue baccalaureate studies in science, technology, engineering, and mathematics (STEM), or who plan to continue with professional studies, such as pre-pharmacy, pre-medical, or pre-dental programs. The ASNS curriculum provides a seamless pathway for students intending to transfer into a STEM degree at a four-year institution, in particular within the UH System where students may take advantage of transfer agreements with UH Manoa, UH Hilo, and UH West O'ahu. Students may choose to concentrate in biological science, physical science, engineering, or information and communication technology.

Students who plan to transfer should consult an academic advisor on best course selection. For UH Manoa or UH West O'ahu transfer, consider BOT 105, HWST 107, or PACS 108 to meet Hawaiian, Asian, and Pacific Issues (HAP) requirement.

☞ Contact the program coordinator, Dr. Buddhi Rai, at 808-984-3207, or by email at buddhi.raihawaii.edu for more information.

**Requirements for Certificate of Competence (CO):** *Minimum C grade or better required in each course taken for CO.*

The Science Laboratory Technician program prepares students with the skills and training to work independently in a laboratory setting and acquire entry-level laboratory technician positions. Student will gain knowledge of general laboratory techniques, learn how to operate laboratory equipment for nutrients and microbiology analyses, collect, prepare and analyze samples, as well as record, report and interpret data. This program will focus on laboratory training as it relates to environmental science, water quality and biotechnology.

This certificate requires the completion of the following prerequisite courses: ENG 100, MATH 103, BIOL 101/101L, CHEM 151/151L or CHEM 161/161L, all with grade C or better.

**Science Laboratory Technician: 4 credits** BIOL 152L(2), SCI 165L(1), and SCI 265L(1)2

### GRADUATION REQUIREMENTS

- ☐ Minimum Applicable: 60 credits, 100-level or higher.
- ☐ Minimum Cumulative GPA: 2.0.
- ☐ Minimum UHMC: 12 credits must be earned at UHMC toward ASNS.
- ☐ Writing Intensive: Two (WI) Writing Intensive courses are required. (*Note: A third WI is suggested for UH Manoa transfer.*)

### CORE - FOUNDATION & DIVERSIFICATION REQUIREMENTS: 27 CREDITS

Applies to all concentrations: Biological Science | Physical Science | Engineering | Information & Communication Technology

#### FOUNDATION REQUIREMENTS: 13 credits

<b>FW</b>	<b>Written Communication: 3 credits</b> ENG 100 Composition I: <i>Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent.</i>
<b>FS</b>	<b>Symbolic Reasoning: 4 credits</b> MATH 241 Calculus I: <i>Prereq: MATH 119 or 140, either with grade C or better or placement at MATH 241 and ENG 100 with grade C or better (or concurrent), or consent.</i>
<b>FGA</b>	<b>Global Multicultural Perspectives: 6 credits</b> - Choose two courses from different groups: Before 1500 CE: ANTH 151; HIST 151
<b>FGB</b>	Since 1500 CE: ANTH 152; HIST 152; GEOG 102; SSM 101
<b>FGC</b>	Pre-history to Present: MUS 107; REL 150

#### DIVERSIFICATION REQUIREMENTS: 14 credits

##### Arts, Humanities, Literatures: 3 credits minimum

<b>DA</b>	<b>Diversification Arts:</b> ART 101, 104, 105, 107, 107D, 113, 115, 123BCD, 223, 243, 244, 263, 264; ART/ICS 161, ART/ICS 205, ART 218/ICS 261, ART 221/ICS 214; BUS/COM 130; CM 105, 119, 120, 123, 125, 152, 175, 180, 220, 225, 252, 285; ENG 104, 204A, 204B, 204C; HAW 104; HWST 205A/E/I, 222; MUS 108, 114, 114H, 121B/C/D/F/G/Z, 122B/C/D/Z, 132, 180, 203, 221C, 253, 273; SP 151, 251; (DRAM > THEA 101, 221, 222); TCOM 261.
<b>DH</b>	<b>Diversification Humanities:</b> ANTH 235/HIST 288; ART 270, CM 139, 144, 146, 148; HIST 241, 242, 253, 281, 282, 284; HUM 100, 400; HWST 100BCD, 107, 111, 132, 207, 213, 231, 262, 270, 286, 291; HWST/ MUS 176; LING 102; MUS 106, 167, 271, 272; PHIL 100, 102, 109, 301, 323; SPAN 180v.
<b>DL</b>	<b>Diversification Literatures:</b> ENG 250, 251, 252, 254, 255, 257, 257E, 316; FIL 261; HAW 261.

##### Social Sciences: 3 credits minimum

<b>DS</b>	<b>Diversification Social Sciences:</b> ANTH 150, 165, 200, 210, 225, 281; BOT 105/HWST 211; CM 147; COM 145, 210, 459; COM 215/PSY 253, COM/PSY 353; ECON 120, 130, 131; HDFS 230; PACS 108; POLS 110, 180; PSY 100, 170, 202, 212, 225, 240, 250, 260, 352; SOC 100, 215, 218, 231, 251; SSM 301, 401.
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##### Natural Sciences: 8 credits minimum

<b>DP</b>	<b>CHEM 161(3)</b> - General Chemistry I: <i>Prereq: ENG 22 with grade C or better or placement at ENG 100, and MATH 103 with grade C or better (or concurrent) or placement at least MATH 135, or consent. Coreq: CHEM 161L.</i>
<b>DY</b>	<b>CHEM 161L(1)</b> - General Chemistry I Lab: <i>Coreq: CHEM 161, or consent.</i>
<b>DP</b>	<b>CHEM 162(3)</b> - General Chemistry II: <i>Prereq: CHEM 161 and at least MATH 135, or consent. Coreq: CHEM 162L.</i>
<b>DY</b>	<b>CHEM 162L(1)</b> - General Chemistry II Lab: <i>Coreq: CHEM 162, or consent.</i>

**CONCENTRATION REQUIREMENTS: Minimum 33 credits**

Applies to specific concentration

<b>BIOLOGICAL SCIENCE</b>	
<b>Biological Science Requirements: 16 credits</b>	
<input type="checkbox"/>	<b>BIOL 171(3)</b> - Introductory Biology I: <i>Prereq or coreq: CHEM 151 or 161, or consent. Coreq: BIOL 171L.</i>
<input type="checkbox"/>	<b>BIOL 171L(1)</b> - Introductory Biology I Lab: <i>Prereq or coreq: CHEM 151 or 161, or consent. Coreq: BIOL 171, or consent.</i>
<input type="checkbox"/>	<b>BIOL 172(3)</b> - Introductory Biology II: <i>Prereq: BIOL 171, or consent.</i>
<input type="checkbox"/>	<b>BIOL 172L(1)</b> - Introductory Biology II Lab: <i>Prereq: BIOL 171, 171L, and 172(or concurrent), or consent.</i>
<input type="checkbox"/>	<b>PHYS 151/L(3,1)</b> - College Physics I: <i>Prereq: MATH 140 or placement at least MATH 241 or PHYS 170/L(4,1)-General Physics I: Prereq: MATH 241 (or concurrent).</i>
<input type="checkbox"/>	<b>PHYS 152/L(3,1)</b> - College Physics II: <i>Prereq: PHYS 151 or PHYS 272(4) General Physics II: Prereq: PHYS 170 with grade C or better, and MATH 242 (or concurrent).</i>
<b>Concentration Electives: 17+ credits - to meet 60-cr minimum 100-level or higher coursework and other graduation requirements not yet satisfied.</b>	
<input type="checkbox"/>	<b>AG 122(3), 174(3), 200/L(3,1), 253/L(3,1), 265/L(3,1); ANTH 210(3), 210L(1), 215(3); AQUA 362/L(2,1), 466/L(2,1); ASTR 110(3), 110L(1); BIOC 241 → 142(3), 244</b>
<input type="checkbox"/>	<b>→ 142(3); BIOL 100(3), 105/L(3,1), 124/L(3,1), 151(3), 152L(2), 200/L(3,1), 282(3), 331/L(3,1), 424/L(2,1); BIOL 101/L/SCI 121/L(3,1); BIOL 102/L/BOT 101/L(3,1);</b>
<input type="checkbox"/>	<b>BIOL 103/L/ZOOL 101/L(3,1); CHEM 272/L(3,2), 273/L(3,2); FSHN 185(3), 285(3); GEOG 101/L(3,1); GG 101/L(3,1), 103(3); GIS/ICS 150(4), 180(4); ICS 110(3),</b>
<input type="checkbox"/>	<b>111(3); MATH 103(3), 115(3), 135(3), 140(3), 242(4)*, 243(3)*, 244(3)*; MICR 130(3), 140(2); OCN 201/L(3,1); PHRM 203(3); (ZOOL→PHYL 141/L(3,1), 142/L</b>
<input type="checkbox"/>	<b>(3,1)); PHYS 170/L(4,1), 272/L(3,1); SCI 114(3), 122/L(3,1) 165L(1), 265L(1); SSM 101(3), 201(3), 202(3), 275(3), 302(3), 375(3), 384(3), 402(3); ZOOL 200/L(3,1); any</b>
	course listed under the Diversification (DA, DH, DL, DS) designations. <span style="float: right;">*Recommended.</span>
<b>PHYSICAL SCIENCE</b>	
<b>Physical Science Requirements: 13 credits</b>	
<input type="checkbox"/>	<b>MATH 242(4)</b> - Calculus II: <i>Prereq: MATH 241 with grade C or better and ENG 100 with grade C or better (or concurrent), or consent.</i>
<input type="checkbox"/>	<b>PHYS 170/L(4,1)</b> - General Physics I: <i>Prereq: MATH 241 (or concurrent).</i>
<input type="checkbox"/>	<b>PHYS 272/L(3,1)</b> - General Physics II: <i>Prereq: PHYS 170 and 170L with grade C or better, and MATH 242 (or concurrent).</i>
<b>Biological Elective: 3 credits minimum</b>	
<input type="checkbox"/>	<b>Diversification Biological (DB) - AG 200,/L(3,1) 253/L(3,1), 265/L(3,1); ANTH 215; AQUA 362/L(2,1), 466/L(2,1); BIOL 100(3), 105/L(3,1), 124/L(3,1), 151(3),</b>
	<b>152/L( 2,1), 171/L(3,1), 172/L(3,1), 200/L(3,1), 282, 331/L(3,1), 424/L (2,1); BIOL 101/SCI 121(4); BIOL 102L/BOT 101/L(3,1); BIOL 103/L/ZOOL 101/L(3,1); FSHN</b>
	<b>185, 285; MICR 130; PHRM 203; (ZOOL→PHYL 141/L(3,1), 142, ZOOL 200/L(3,1)</b>
<b>Concentration Electives: 17+ credits - to meet 60-cr. minimum 100-level or higher coursework and other graduation requirements not yet satisfied.</b>	
<input type="checkbox"/>	<b>AG 122(3), 174(3), 200/L(3,1), 253/L(3,1), 265/L(3,1); ANTH 210(3), 210L(1), 215(3); AQUA 362/L(2,1), 466/L(2,1); ASTR 110(3), 110L(1); BIOC 241 → 141(3) , 244</b>
<input type="checkbox"/>	<b>→ 142(3); BIOL 100(3), 105/L(3,1), 124/L(3,1), 151(3), 152(3), 171/L(3,1), 172/L(3,1), 200(4), 282(3), 331/L(3,1), 424/L(2,1); BIOL 101/L/SCI 121/L(3,1); BIOL 102/L/</b>
<input type="checkbox"/>	<b>BOT 101/L(3,1); BIOL 103/L/ZOOL 101(3,1); CHEM 272/L(3,2), 273/L(3,2); FSHN 185(3), 285(3); GEOG 101/L(3,1); GG 101/L(3,1), 103(3); GIS/ICS 150(4), 180(4);</b>
<input type="checkbox"/>	<b>ICS 110(3), 111(3); MATH 103(3), 115(3), 135(3), 140(3), 243(3)*, 244(3)*; MICR 130(3), 140(2); OCN 201/L(3,1); PHRM 203(3); (ZOOL→PHYL 141/L(3,1) , 142/L</b>
<input type="checkbox"/>	<b>(3,1)); PHYS 151/L(3,1), 152/L(3,1); SCI 114(3), 122/L(3,1), 165L(1), 265L(1); SSM 101(3), 201(3), 202(3), 275(3), 302(3), 375(3), 384(3), 402(3); ZOOL 200/L(3,1); any</b>
	course listed under the Diversification (DA, DH, DL, DS) designations. <span style="float: right;">*Recommended.</span>
<b>ENGINEERING</b>	
<b>Engineering Requirements: 27 credits</b>	
<input type="checkbox"/>	<b>EE 160(4)</b> - Programming for Engineers: <i>Prereq: MATH 140 (or concurrent), or consent.</i>
<input type="checkbox"/>	<b>MATH 242(4)</b> - Calculus II: <i>Prereq: MATH 241 with grade C or better, and ENG 100 with grade C or better (or concurrent), or consent.</i>
<input type="checkbox"/>	<b>PHYS 170/L(4,1)</b> - General Physics I: <i>Prereq: MATH 241 (or concurrent).</i>
<input type="checkbox"/>	<b>PHYS 272/L(3,1)</b> - General Physics II: <i>Prereq: PHYS 170 and 170L with grade C or better, and MATH 242 (or concurrent).</i>
<input type="checkbox"/>	<b>MATH 243 (3)</b> - Calculus III: <i>Prereq: MATH 242 with grade C or better, or consent.</i>
<input type="checkbox"/>	<b>MATH 244 (3)</b> - Calculus IV: <i>Prereq: MATH 243 with grade C or better, and ENG 100 with grade C or better (or concurrent), or consent.</i>
<input type="checkbox"/>	<b>EE 211(4)</b> - Basic Circuit Analysis I: <i>Prereq: MATH 243 and PHYS 272, both with grade C or better (or concurrent), or consent.</i>
<b>Concentration Electives: 6+ credits - to meet 60-credit minimum 100-level or higher coursework and other graduation requirements not yet satisfied.</b>	
<input type="checkbox"/>	<b>AG 122(3), 174(3), 200/L(3,1), 253/L(3,1), 265/L(3,1); ANTH 210(3), 210L(1), 215(3); AQUA 362/L(2,1), 466/L(2,1); ASTR 110(3), 110L(1); BIOC 241 → 141(3) , 244</b>
<input type="checkbox"/>	<b>→ 142(3); BIOL 100(3), 105/L(3,1), 124/L(3,1), 151(3), 152/L(2,1), 171/L(3,1), 172/L(3,1), 200/L(3,1), 282(3), 331/L(3,1), 424/L(2,1); BIOL 101/L/SCI 121/L (3,1);</b>
<input type="checkbox"/>	<b>BIOL 102/L/BOT 101/L(3,1); BIOL 103/L/ZOOL 101/L(1,3); CHEM 272/L(3,2), 273/L(3,2); FSHN 185(3), 285(3); GEOG 101/L(3,1); GG 101/L(3,1), 103(3); GIS/</b>
	<b>ICS 150(4), 180(4); ICS 110(3), 111(3); MATH 103(3), 115(3), 135(3), 140(3), 243(3)*, 244(3)*; MICR 130(3), 140(2); OCN 201/L(3,1); PHRM 203(3); (ZOOL→</b>
	<b>PHYL 141/L(3,1) , 142/L (3,1)); PHYS 151/L(3,1), 152/L(3,1); SCI 114(3), 122/L(3,1), 165L(1), 265L(1); SSM 101(3), 201(3), 202(3), 275(3), 302(3), 375(3), 384(3),</b>
	<b>402(3); ZOOL 200/L(3,1); any course listed under the Diversification (DA, DH, DL, DS) designations. *Recommended. Continued on next page . . .</b>

## Associate in Science in Natural Science (ASNS) . . . continued from preceding page

<b>INFORMATION &amp; COMMUNICATION TECHNOLOGY</b>	
<b>Information &amp; Communication Technology Requirements: 17 credits</b>	
<input type="checkbox"/>	<b>ICS 111(4)</b> - Introduction to Computer Science I: <i>Prereq: ICS 110 with grade C or better, and at least MATH 82 with grade C or better, or placement at least MATH 103, and ENG 19 with grade C or better, or placement at least ENG 22, or consent.</i>
<input type="checkbox"/>	<b>ICS 141(3)</b> - Discrete Math for Computer Science: <i>Prereq: MATH 103 with grade C or better, or consent.</i>
<input type="checkbox"/>	<b>ICS 211(3)</b> - Introduction to Computer Science II: <i>Prereq: ICS 111 with grade C or better, or consent. Recommended MATH 135.</i>
<input type="checkbox"/>	<b>ICS 212(3)</b> - Program Structure: <i>Prereq: ICS 211 with grade C or better, or consent.</i>
<input type="checkbox"/>	<b>ICS 241(3)</b> - Discrete Math for Computer Science II: <i>Prereq: ICS 141 with grade C or better, or consent.</i>
<b>Biological Science Elective: 3 credits minimum</b>	
<input type="checkbox"/>	<b>Diversification Biological (DB) - AG 200/L(3,1), 253, 265L(3,1); ANTH 215(3); AQUA 362/L(2,1); BIOL 100(3), 105/L(3,1), 124/L(3,1), 151(3), 152L(2), 171/L(3,1), 172/L(3,1), 200/L(3,1), 282(3), 331/L(3,1), 424/L(2,1); BIOL 101/L/SCI 121/L(3,1); BIOL 102/L/BOT 101/L(3,1); BIOL 103/L/ZOOL 101/L(3,1); FSHN 185(3), 285(3); MICR 130(3); PHRM 203(3); (ZOOL→PHYL 141/L(3,1), 142/L(3,1)); ZOOL 200/L(3,1).</b>
<b>Concentration Electives: 12 credits - to meet 60-credit minimum 100-level or higher coursework and other graduation requirements not yet satisfied.</b>	
<input type="checkbox"/>	<b>AG 122(3), 174(3), 200/L(3,1), 265/L(3,1) ANTH 210(3), 210L(1), 215(3); AQUA 362/L(2,1); ASTR 110(3), 110L(1); BIOC 241 → 141(3), 244 → 142(3); BIOL 100(3), 105/L(3,1), 124/L(3,1), 151(3), 152L(2), 171/L(3,1), 172/L(3,1), 200/L(3,1), 282(3), 331/L(3,1), 424/L(2,1); BIOL 101/L/SCI 121/L(3,1); BIOL 102/L/BOT 101/L(3,1); BIOL 103/L/ZOOL 101/L(3,1); CHEM 272/L(3,2), 273/L(3,2); ETRO 140(4); FSHN 185(3), 285(3); GEOG 101/L(3,1); GG 101/L(3,1), 103(3); GIS/ICS 150(4), 180(4); ICS 101(3), 110(3), 169(3), 171(3), 184(3), 281(3), 282(3); MATH 103(3), 115(3), 135(3), 140(3), 242(3), 243(3)*, 244(3)*; MICR 130(3), 140(2); OCN 201/L(3,1); PHRM 203(3); (ZOOL→PHYL 141/L(3,1), 142/L(3,1)); PHYS 151/L(3,1), 152/L(3,1) 170/L(4,1), 272/L(3,1); SCI 114(3), 122/L(3,1), 165L(1), 265L(1); SSM 101(3), 201(3), 202(3), 275(3), 302(3), 375(3), 384(3), 402(3); ZOOL 200/L(3,1); any course listed under the Diversification (DA, DH, DL, DS) designations. <span style="float: right;">*Recommended.</span></b>

**PROGRAM MAPS FOR ASNS CONCENTRATIONS****Biological Science full-time students would take courses in this sequence:**

<b>First Semester (Fall)</b>	<b>Credits</b>	<b>Second Semester (Spring)</b>	<b>Credits</b>
BIOL 171/L Introductory Biology I and Lab	3,1	CHEM 162/L General Chemistry II and Lab	3,1
CHEM 161/L General Chemistry I and Lab	3,1	BIOL 172/L Introductory Biology II and Lab	3,1
ENG 100 Composition I	3	Biological Science Concentration elective	3-4
MATH 241 Calculus I	<u>4</u>	Global Multicultural Perspective elective <sup>1</sup>	<u>3</u>
	15		14-15
<b>Third Semester (Fall)</b>			
PHYS 151/L or PHYS 170/L	4-5	PHYS 152/L or PHYS 272/L	3,1
DA/DH/DL <sup>1,3</sup>	3-4	Global Multicultural Perspective elective <sup>1</sup>	3
Biological Science Concentration elective <sup>1,2</sup>	3-4	DS <sup>1,3</sup>	3-4
Biological Science Concentration elective <sup>1,2</sup>	3-4	Biological Science Concentration elective <sup>1,2</sup>	3-4
Biological Science Concentration elective <sup>1,2</sup>	<u>3-4</u>	Biological Science Concentration elective <sup>1,2</sup>	<u>3-4</u>
	16-21		16-19

**Physical Science full-time students would take courses in this sequence:**

<b>First Semester (Fall)</b>	<b>Credits</b>	<b>Second Semester (Spring)</b>	<b>Credits</b>
CHEM 161/L General Chemistry I and Lab	3,1	CHEM 162/L General Chemistry II and Lab	3,1
ENG 100 Composition I	3	MATH 242 Calculus II	4
MATH 241 Calculus I	4	Physical Science Concentration elective <sup>1,2</sup>	3-4
Physical Science Concentration elective <sup>1,2</sup>	<u>3-4</u>	Global Multicultural Perspective elective <sup>1</sup>	<u>3</u>
	14-15		14-15
<b>Third Semester (Fall)</b>			
PHYS 170/L General Physics I and Lab	4,1	PHYS 272/L General Physics II and Lab	3,1
DA/DH/DL <sup>1,3</sup>	3-4	Global Multicultural Perspective elective <sup>1</sup>	3
Biological Science elective <sup>2</sup>	3-4	DS <sup>1,3</sup>	3-4
Physical Science Concentration elective <sup>1,2</sup>	3-4	Physical Science Concentration elective <sup>1,2</sup>	3-4
Physical Science Concentration elective <sup>1,2</sup>	<u>3-4</u>	Physical Science Concentration elective <sup>1,2</sup>	<u>3-4</u>
	16-17		16-19

<sup>1-6</sup>Note: See definitions of footnotes 1 through 6 on the subsequent page.

Associate in Science in Natural Science (ASNS) . . . continued from preceding page



Engineering full-time students would take courses in this sequence:

First Semester (Fall)	Credits	Second Semester (Spring)	Credits
CHEM 161/L General Chemistry I and Lab	3,1	CHEM 162/L General Chemistry II and Lab	3,1
ENG 100 Composition I	3	EE 160 Programming for Engineers	4
MATH 241 Calculus I	4	MATH 242 Calculus II	4
Global Multicultural Perspective elective <sup>1</sup>	<u>3</u>	DS <sup>1,3,5</sup>	<u>3-4</u>
	14		14-15
Third Semester (Fall)	Credits	Fourth Semester (Spring)	Credits
PHYS 170/L General Physics I and Lab	4,1	PHYS 272/L General Physics II and Lab	3,1
MATH 243 Calculus III	3	EE 211 Basic Circuit Analysis I	4
DA/DH/DL <sup>1,3,4</sup>	3-4	MATH 244 Calculus IV	3
Engineering Concentration elective <sup>1,2</sup>	<u>3-4</u>	Engineering Concentration elective <sup>1,2</sup>	3-4
	14-16	Global Multicultural Perspective elective <sup>1</sup>	<u>3-4</u>
			17-19

Information & Communication Technology full-time students would take courses in this sequence:

First Semester (Fall)	Credits	Second Semester (Spring)	Credits
CHEM 161/L General Chemistry I and Lab	3,1	CHEM 162/L General Chemistry II and Lab	3,1
ICS 111 Introduction to Computer Science I	4	ICS 211 Introduction to Computer Science II <sup>6</sup>	4
ENG 100 Composition I	3	Info & Communication Tech Concentration elective with Lab <sup>1,2</sup>	3-4
MATH 241 Calculus I	<u>4</u>	Global Multicultural Perspective elective <sup>1</sup>	<u>3-4</u>
	15		14-16
Third Semester (Fall)	Credits	Fourth Semester (Spring)	Credits
ICS 141 Discrete Math for Computer Science I	3	ICS 241 Discrete Math for Computer Science II	3
ICS 212 Program Structure	3	DA/DH/DL <sup>1,3,4</sup>	3-4
Global Multicultural Perspective elective <sup>1</sup>	3-4	Biological Science elective <sup>1,2</sup>	3-4
DS <sup>1,3</sup>	3-4	Info & Communication Tech Concentration elective <sup>1,2</sup>	3-4
Info & Communication Tech Concentration elective <sup>1,2</sup>	<u>3-4</u>	Info & Communication Tech Concentration elective <sup>1,2</sup>	<u>3-4</u>
	16-21		15-19

<sup>1</sup>Indicates courses that are often scheduled as WI.

<sup>2</sup>BS, PS, Engineering, ICT electives may be taken with lab for additional credits.

<sup>3</sup>Students planning to transfer should consult an academic counselor for additional requirements.

<sup>4</sup>Engineering concentration only: SP 251(DA) is a requirement for student admitted to the College of Engineering at UH Manoa.

<sup>5</sup>Engineering concentration only: ECON 120, 130 or 131 (DS) is a requirement for students admitted to the College of Engineering at UH Manoa.

<sup>6</sup>Indicated courses are generally offered via distance education at other UHCC campuses.



## Academic Subject Certificate

The Academic Subject Certificate (ASC) is a college credential for students who have successfully completed a specific sequence of credit courses from the AA curriculum.

The sequence:

- fits within the structure of the AA degree;
- does not extend the credits required for the AA degree; and
- is at least 12 credit hours.
- GPA of 2.0 or better is required for all courses required in the certificate.

Specific Academic Subject Certificates are available in:

- Hawaiian Music
- Hawaiian Studies
- Music Studies
- Visual Arts
- Marine Option Program



### Hawaiian Music (ASC): 32 credits

The ASC in Hawaiian Music is designed to encourage students to specialize in Hawaiian music in order to preserve and perpetuate this art form.

☞ Call Keola Donaghy at 984-3570 for information.

- Students must receive grade C or better for all courses applied to the certificate.
- GPA of 2.0 or better is required for all courses applied to the certificate.
- Minimum of 9 credits must be taken at UH Maui College.

#### Required courses: 23 credits

HAW 101	Elementary Hawaiian I(4)
HAW 102	Elementary Hawaiian II(4)
HAW 201	Interm Hawaiian I(4)
HWST/MUS 176	History Hawn Music(3)
MUS 114H	Hawaiian Chorus(2)
MUS 132 - twice	Applied Hawn Music(2,2)
MUS 295	Hawn Music Capstone(2)

#### Elective courses: 9 credits

HAW 104	Language Thru Hula(3)
HAW 202	Interm Hawaiian II(4)
HWST 107*	Center of the Pacific(3)
HWST 205A <sup>c</sup>	Mele 'Āina(2)
HWST 205E <sup>c</sup>	Mele Pili Kanaka(2)
HWST 205I <sup>c</sup>	Mele Other(2)
MUS 107 <sup>a</sup>	World Music Cultures(3)
MUS 121C <sup>b</sup>	Piano 1(2)
MUS 121D <sup>b</sup>	Guitar 1(2)
MUS 121F <sup>b</sup>	Slack Key Guitar 1(2)
MUS 121G <sup>b</sup>	Hawn Steel Guitar 1(2)
MUS 121Z <sup>b</sup>	'Ukulele 1(2)
MUS 122B	Voice 2(2)
MUS 122C	Piano 2(2)
MUS 122D	Guitar 2(2)
MUS 180	Theory & Aural Skills(2)
MUS 271	Intro Music Technology(3)
MUS 272	Digital Record Techn(3)
MUS 273	Performance & Record(3)

<sup>a</sup>Recommended courses for students pursuing the AA in Liberal Arts and in Hawaiian Studies.

<sup>b</sup>Elementary level instrument course may only be counted toward the certificate if they are a student's secondary instrument, i.e., not their primary instrument.

<sup>c</sup>Only one of the three alphas may be counted toward the certificate.

AA degree requires an additional 28 credits (100-level or higher) minimum.

### Hawaiian Studies (ASC): 27 credits

Students may select from a variety of courses that present Hawaiian perspectives in Hawaiian culture, language, history, and philosophy. The ASC enhances the Liberal Arts AA degree. Students who plan to pursue a baccalaureate degree in Hawaiian Studies or in another field should consult a counselor or academic advisor.

- Students must receive grade C or better for all courses applied to the certificate.
- GPA of 2.0 or better is required for all courses applied to the certificate.
- Minimum of 9 credits must be taken at UH Maui College.

#### Hawaiian Studies core: 10 credits<sup>a</sup>

BOT 105/HWST 211	Hawn Ethnob(3) <sup>b</sup>
HAW 202	Interm Hawaiian II(4)
HWST 107	Center of the Pacific(3)

#### Elective courses: 17 credits

Two 200-level courses are required.

HAW 101	Elem Hawaiian I(4)
HAW 102	Elem Hawaiian II(4)
HAW 104	Language thru Hula(3)
HAW 201	Interm Hawaiian I(4)
HAW 221	Hawn Conversation(3)
HAW 261	Hawn Lit Translation(3)
HWST 100BCD	Hawaiian Culture(1,1,1)
HWST 111	The Hawaiian 'Ohana(3)
HWST 205A	Mele 'Āina(2)
HWST 205E	Mele Pili Kanaka(2)
HWST 205I	Mele – Other(2)
HWST 207	Malama Ahupua'a Mgt(3)
HWST 213	Hawn Ethnozoology(3)
HWST 222	Ma'awe Hawn Fiber Arts(3)
HWST 231	Hawaiian Culture(3)
HWST 262	Pana Maui Sacred Places(3)
HWST 270	Hawaiian Mythology(3)
HWST 286	Kaho'olawe 'Āina(3)
HWST 291	Modern Issues Hawai'i(3)
HWST 190v <sup>c</sup>	Topics course(1-3)
HWST 290v <sup>c</sup>	Topics course(1-3)
PACS 108	Intro Pacific Worlds(3)

Plus, any HAW or HWST course at 100 or 200 level.

<sup>a</sup>Other electives are available; consult with Counseling or Hawaiian Studies faculty. UHMC Hawaiian language back credits apply.

<sup>b</sup>Crosslisted; take in either department.

<sup>c</sup>Repeatable if different course title.

**Music Studies (ASC): 23 credits**

The ASC in Music Studies provides a foundation in the creation, performance, and understanding of music in both its technical and cultural contexts.

☞ Call Keola Donaghy at 984-3570 for information.

- Students must earn grade C or better for all courses applied to the certificate.
- GPA of 2.0 or better is required for all required courses.
- Minimum of 9 credits must be taken at UH Maui College.

**Music Core: 11 credits**

MUS 106	Intro to Music Lit(3)
MUS 107	World Music Cultures(3)
MUS 180	Theory & Aural Skills(2)
MUS 273	Performance & Record(3)

**Performance elective courses: 6 credits**

Students must take a minimum of 6 credits, with classes from a minimum of two different instruments, or 1-2 instruments and voice.

MUS 114	College Chorus(2)
MUS 114H	Hawaiian Chorus(2)
MUS121B	Voice 1(2)
MUS121C	Piano 1(2)
MUS121D	Guitar 1(2)
MUS 121G	Hawn Steel Guitar 1(2)
MUS 121Z	‘Ukulele 1(2)
MUS 122B	Voice 2(2)
MUS 122C	Piano 2(2)
MUS 122D	Guitar 2(2)
MUS 122G	Haw Steel Guitar 2(2)
MUS 221C	Piano 3(2)

**Elective courses: 6 credits**

Any Performance course beyond the 6 credits required may be used as Elective credit. Also, the following classes may be used:

MUS 132	Applied Hawn Music(2)
HWST/MUS 176	History Hawn Music(3)
MUS 253	Elem Music in Action(3)
MUS 271	Intro to Music Tech(3)
MUS 272	Digital Record Techn(3)
HWST 205A	Mele ‘Āina(2)
HWST 205E	Mele Pili Kanaka(2)
HWST 205I	Mele Other(2)
MUS 190v <sup>a</sup>	Topics Course(1-3)
MUS 290v <sup>a</sup>	Topics Course(1-3)

<sup>a</sup>May be repeated if different course title.

Note: AA degree requires an additional 37 credits (100-level or higher) minimum.

**Visual Arts (ASC): 18 credits**

The ASC in Visual Arts is intended to recognize and encourage innovation, collaboration, and creativity. This certificate enhances the Liberal Arts AA degree. Students who plan to pursue a baccalaureate degree in the Fine Arts should consult a counselor or academic advisor.

☞ Call Mike Takemoto at 984-3249 for more information.

- Students must receive grade C or better for all courses applied to the certificate.
- Courses applied to the ASC must be taken for a letter grade.
- GPA of 2.0 or better is required for all courses applied to the certificate.
- Last 6 credits must be taken at UH Maui College.

**Visual Arts core: 9 credits**

ART 101, or	Intro to Visual Arts(3)
ART 270	History of Western Art(3)
ART 113	Intro to Drawing(3)
ART 115, or	Intro to 2D Design(3)
ART 221/ICS 214	Design Print & Web(3) <sup>a</sup>

**Elective courses: 9 credits**

At least two courses from this list(6):

ART 101 <sup>b</sup>	Intro to Visual Arts(3)
ART 104	Intro to Printmaking(3)
ART 105	Intro to Ceramics(3)
ART 107	Intro to Photography(3)
ART 107D	Digital Photography(3)
ART 115 <sup>b</sup>	Intro to 2D Design(3)
ART 123BCD	Intro to Painting(1,1,1)
ART 161/ICS 161	Intro Graphic Design(3) <sup>a</sup>
ART 190v	Topics in Art(1-3)
ART 199v	Directed Studies(1-3)
ART 205/ICS 205	Photoshop/Illustratr(3) <sup>a</sup>
ART 218/ICS 261	Inter Graphic Design(3) <sup>a</sup>
ART 221/ICS 214 <sup>b</sup>	Design Print & Web(3) <sup>a</sup>

Choose at least one course from this list(3):

ART 270 <sup>b</sup>	History Western Art(3)
ART 223	Interm: Painting(3)
ART 243	Interm: Hand Build(3)
ART 244	Interm: Wheel Throw(3)
ART 263	Adv: Sculpture(3)
ART 264	Adv: Vessels(3)
ART 290v	Topics in Art(1-3)
ART 299v	Directed Studies(1-3)

<sup>a</sup>These ART and ICS courses are crosslisted and may be taken in either department.

<sup>b</sup>If not taken as core requirement.

**Marine Option Program (ASC): 12 credits**

The Marine Option Program (MOP) is a UH systemwide certificate program with participation by students at all UH campuses. MOP offers opportunities for students from all disciplines who are interested in the ocean. Besides course requirements, MOP students learn with experiential education by doing an internship or research project in their chosen area.

☞ For more info, call 984-3203 or e-mail mauimop@hawaii.edu

**Marine Option Program (ASC): 12 credits**

OCN 101	Intro to MOP(1)
OCN 201, or	Science of the Sea(3),
ZOOL 200	Marine Biology (3)
ZOOL 200L	Marine Biology Lab(1)

Project: Minimum 2 credits from:

OCN 191v	Marine Nature Pgm(1-3)
OCN 193v	Cooperative Ed(1-3)
OCN 293v	Marine Internship(1-3)

Additional credits *if not taken for marine survey*:

BIOL 105	Hawn Field Biology(4)
BIOL 200	Coral Reefs(3)
BIOL 200L	Coral Reefs Lab(1)
BIOL 265	Ecology/Evolutn Biol(3)
BOT 105	Hawn Ethnobotany(3)
MARE 264	QUEST <sup>a</sup>
MARE 364	Advanced QUEST <sup>a</sup>
OCN 140	SCUBA Certification(2)
OCN 190v	Selected Topic(1-3)
OCN 201	Science of the Sea(3)
OCN 201L	Science of the Sea Lab(1)
OCN 270	Comun Ocean Science(3)
OCN 290v	Advanced Topic
ZOOL 200	Marine Biology (3)
ZOOL 200L	Marine Biology Lab (1)

**Marine Naturalist (CO)/(CPD): 3-9 credits**

Three Marine Naturalist certificates attest to knowledge and experience gained in the field. Each offers unique opportunities for students desiring to gain employment or further studies in the marine sciences.

**Marine Naturalist I (CO): 9 credits**

OCN 101	Intro to MOP(1)
OCN 191v	Marine Naturalist Pgm(1)
OCN 201	Science of the Sea(3)
ZOOL 200	Marine Biology (3)
ZOOL 200L	Marine Biology Lab(1)

**Marine Naturalist II (CO): 9 credits**

BIOL 200	Coral Reefs(4)
OCN 64	Marine Life ID(3)
Two credits from any of the following:	
OCN 190v	Selected Topic(1-3)
OCN 191v	Marine Nature Pgm(1-3)
OCN 193v	Cooperative Ed(1-3)
OCN 201L	Science of the Sea Lab(1)
OCN 293v	Marine Internship(1-3)

**Marine Naturalist III (CPD): 3 credits**

OCN 270	Comun Ocean Science(3)
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<sup>a</sup>Offered at UH Hilo second two weeks in May.

## Career & Technical Education

Career and Technical Education (CTE) programs offer the Associate in Science (AS) degree or the Associate in Applied Science (AAS) degree. Additionally, there is a customized degree opportunity, the Associate in Technical Studies (ATS).

### Associate in Science

The Associate in Science (AS), a two year degree consisting of at least 60 credits entirely at the college level (100-level or above), provides students with skills and competencies for gainful employment.

#### At a Glance

##### Associate in Science (AS)

###### Creative Media

Creative Media  
Filmmaking  
Graphic Design  
Web Development

###### Dental Hygiene

###### Early Childhood Education

###### Electronic & Computer Engineering

###### Technology

###### Human Services

###### Natural Science

Biological Science  
Engineering  
Information & Communications Tech  
Physical Science

###### Registered Nurse

### Associate in Applied Science

The Associate in Applied Science (AAS), a 2-year degree consisting of at least 60 credits entirely at the college 100-level or above, provides students with skills and competencies for gainful employment. While this degree is not designed for transfer directly into a baccalaureate program, some AAS programs have agreements with baccalaureate degree-granting institutions, and some AAS programs may include some baccalaureate-level course offerings.

#### AS and AAS Requirements

- Satisfactory Completion of a CTE Major:**  
Specific courses for each major are described later in this section.
- General Education:**
  - Quantitative Reasoning: 3 credits**  
3 credits minimum.

*Refer to Program Maps for program/mathematics requirements. Graduation Requirement: If students seek to apply Philosophy 110 to fulfill the AS or AAS degree requirement in Quantitative Reasoning, students must place into Mathematics 100 or higher.*

#### b. English/Communication: 6 credits

6 credits in English 100, 102, 104, 106, 209, 210; Learning Skills 110; Journalism 205, 250; Speech 151, 251; Communication 145, 210; or Communication/Business 130.  
3 credits of the 6 must be ENG 100 or ENG 106.

*Nursing/Dental Hygiene AS requires ENG 100(3) only.*

*English courses numbered 250 or above meet Humanities requirements only.*

#### c. Elective credits-AS: 12 credits

##### Elective credits-AAS: 9 credits

At least one 100-level course each from Humanities, Natural Science, and Social Science listed below. *For the AS degree and the AAS degrees that have 12 General Education elective credits, the remaining 3 elective credits may be selected from any area with the exceptions that: CTE majors may not select electives from CTE courses, and Business majors may not select electives from Business courses.*

##### Humanities:

Anthropology 235, Art/ICS 161, 205, Art 218/ICS 261, Art 221/ICS 214, Art; Business/Communication 130; Creative Media (except 147); (Drama ->Theatre); English 104, 204A/B/C, 250-257; Filipino; Hawaiian; Hawaiian Studies (*except 211, 211L*); History; Humanities; Ilokano; Japanese; Linguistics; Music; Philosophy; Religion; Spanish; Speech; Telecommunications 261.

##### Natural Science:

Agriculture 200/L, 253/L, 265/L; Anthropology 210L, 215; Aquaculture; Astronomy; Biochemistry; Biology; Botany 101/L, 105L; Chemistry; Food Science & Human Nutrition; Geography 101 & 101L; Geology & Geophysics; Hawaiian Studies 211L; Microbiology; Oceanography 201, 201L; Pharmacology 203; Physics(*except 101*); Physiology; Science; Sustainable Science Management (*except 101, 301, 392v, 401, 422, 495, 496*); Zoology.

##### Social Science:

Anthropology (except 210L, 215, & 235); Botany 105/Hawaiian Studies 211; Communications (except 130); Creative Media 147; Economics; Human Development & Family Studies 230; Pacific Island Studies 108, Political Science; Psychology; Sociology; Sustainable Science Management 301, 401.

#### 3. Minimum of 60 credits:

These maximums may be applied:  
a. 9 credits Cooperative Education;  
b. 30 credits with CR grade.  
*Interdisciplinary Studies courses may be applied.*

*60 credits for the AS degree must be at the 100-level or above.*

#### 4. Grade Point Average:

2.0 (C) or better.

#### 5. Residency Requirement:

12 credits toward a major must be earned at UH Maui College. The residency requirement may be waived for cause or credit-by-examination used with approval of the Vice Chancellor of Academic Affairs.

#### 6. Graduation Requirement:

To be awarded the AS or the AAS degree, students must complete an Application for Graduation form obtained from Student Services. *See Academic Calendar for deadline.*

#### At a Glance

##### Associate in Applied Science (AAS)

###### Accounting

###### Administration of Justice

###### Agriculture & Natural Resources

Horticulture & Landscape Maint  
Sustainable Tropical Crop Mgt

###### Automotive Technology

Automotive Technology  
Auto Body Repair & Painting

###### Business Administration

###### Business Technology

Information Processing  
Medical Office Specialist

###### Construction Technology

###### Culinary Arts

Baking  
Culinary Arts

###### Fashion Technology

###### Hospitality & Tourism

## Associate in Technical Studies

The Associate in Technical Studies (ATS) is a two year Career and Technical Education (CTE) degree of at least 60 credits that provides students with skills and competencies for gainful employment.

This degree must be:

1. customized by using courses from two or more existing approved programs and is intended to target emerging career areas that cross traditional boundaries;
2. accompanied by student learning outcomes that are clearly defined by business and industry and/or employers with near immediate needs for specialized training for a limited number of employees;
3. 3 credits each of mathematics and English, and 9 credits of social science, humanities, and science; entirely at the college 100-level or above;
4. awarded only to specific students who remain at UH Maui College without a break in enrollment and who complete coursework with a 2.0 GPA;
5. approved in advance and not requested based upon previously completed coursework; and
6. pre-approved by the Vice Chancellor of Academic Affairs after a review by the Department Chairs.

Students must complete an Application for Graduation form obtained from Student Services. See *Academic Calendar* for deadline.

The College takes the following steps to review a proposed individual ATS program.

1. The student, with assistance from counselors and/or program coordinators, develops a plan of study. Appropriate employers are consulted, as degree requirements are developed, to assure employability.



The plan of study includes:

- a. statement of career objective(s);
  - b. statement of jobs for which the degree will prepare the student;
  - c. statements of clearly defined student learning outcomes to be achieved;
  - d. 3 credits each of math and English;
  - e. 9 credits of social science, humanities, and science;
  - f. list of specific courses from the current catalog that will be completed for the ATS degree;
  - g. requirements that conform with the General Education learning outcomes specified by the Associate in Science degree task force;
  - h. minimum of 30 of the 60 credits required for the degree must be taken after the ATS degree proposal is approved.
2. Plan is submitted to the Vice Chancellor of Academic Affairs (VCAA).
  3. VCAA forwards plan to Department Chairs for recommendation.
  4. VCAA reviews plan and Department Chair recommendation. VCAA may approve the plan.
  5. VCAA returns the signed original plan to the lead program coordinator/counselor and keeps a copy in VCAA files.
  6. The ATS program coordinator maintains student's files until student graduates or leaves the College. Changes in the plan are done to meet the needs of the student.
  7. Once a student graduates or leaves the College, the original and modified plans are sent to the VCAA office.
  8. VCAA issues a report each academic year, listing the status of each ATS degree.

## Career & Technical Certificates

The Career & Technical Education (CTE) program offers three types of certificates based upon the amount of credit required for completion.

These three certificates are described below in order of the longest to the shortest program.

### Certificate of Achievement

The Certificate of Achievement (CA) is a credential awarded to students who successfully complete designated CTE credit course sequences that provide entry-level skills or job upgrades. These course sequences shall be at least 24 credits, but may not exceed 51 credits (unless external employment requirements exceed this number).

#### CA Requirements

- Satisfactory Completion of a Career & Technical Education**  
*Major: Program Maps cite specific program requirements.*
- General Education: 6 credits**  
3 credits in English 19 or higher, and 3 credits in Quantitative Reasoning.
- Grade Point Average:**  
2.0 (C) or better.
- Residency Requirement:**  
At least 12 credits toward the CA must be taken at UH Maui College.
- Application for Graduation:**  
To be awarded a CA, students must complete an *Application for Graduation* form obtained from Student Services. See *Academic Calendar* for deadline.

### At a Glance

#### Certificates of Achievement (CA)

**Accounting**  
**Administration of Justice**  
**Agriculture & Natural Resources**  
 Horticulture & Landscape Maint  
 Nursery Management  
 Sustainable Tropical Crop Mgt  
**Automotive Technology**  
 Automotive Technology  
 Auto Body Repair & Painting  
**Business Administration**  
**Business Technology**  
**Construction Technology**  
 Building & Construction  
 Facilities Mechanical  
 Facilities Management  
**Creative Media**  
 Creative Media  
 Filmmaking  
 Graphic Design  
 Web Development  
**Culinary Arts**  
**Early Childhood Education**  
**Electronic & Computer Engineering Technology**  
 Information Security Specialist  
**Fashion Technology**  
**Hospitality & Tourism**  
**Human Services**  
**Nursing Career Ladder**  
 Practical Nurse

### Certificate of Competence

A Certificate of Competence (CO) is a credential awarded for successfully completing designated short-term credit or non-credit courses that provide job upgrading or entry-level skills. Credit course sequences shall be 4 to 23 credits.

The issuance of a CO requires that students' work has been evaluated and determined to be satisfactory. Students must earn a GPA of 2.0 or better for all credit courses required in the CO.

### At a Glance

#### Certificates of Competence (CO)

**Administration of Justice**  
 Corrections I, II  
 Law Enforcement I, II  
 Private Security I, II  
**Agriculture and Natural Resources**  
 Beekeeping  
 GIS in Ecosystem Management  
 Landscape Maintenance  
 Natural Resource Management  
 Pest Management  
 Sustainable Tropical Crop Production  
**Applied Business & Information Tech**  
 Data Science and Machine Learning  
**Automotive Technology**  
 Brakes  
 Heating & Air Conditioning  
 Suspension & Steering  
**Business Administration**  
 e-Marketing  
 Entrepreneurship  
 Supervision  
**Business Technology**  
 Business Technology  
 Career Prep  
 Medical Office Specialist I  
 Virtual Office Assistant  
**Construction Technology**  
 Air Conditioning Maintenance  
 Basic Carpentry Skills  
 Basic Drafting Skills  
 Construction Technology  
 Electrical Maintenance  
 Energy Production  
 Facilities Management  
 Maintenance Painting  
 Maintenance Plumbing  
 Rough and Finish Carpentry  
 Small Equipment Repair  
 Sustainable Technology  
**Culinary Arts**  
 Culinary Arts  
 Pastry Cook  
**Early Childhood Education**  
 Early Childhood Education  
 Early Childhood Option  
 Preschool Child Development Associate  
**Electronic & Computer Engineering Tech**  
 Information Security Specialist  
**Fashion Technology**  
 Dressmaker  
 Fashion-Fabric Salesperson  
 Seamstress  
**Hospitality & Tourism**  
**Human Services**  
 Aging  
 Case Management  
 Cmty Health Worker/Health Navigator I  
 Dynamics of Family Violence  
 Substance Abuse Counseling I, II  
 Youth Development Practitioner  
**Marine Option Program**  
 Marine Naturalist I, II  
**Natural Science**  
 Science Laboratory Technician  
**Nursing Career Ladder**  
 Nurse Assistant  
 Pharmacy Technician  
**Sustainable Science Management**  
 Sustainable Technology

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### Certificate of Professional Development

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The Certificate of Professional Development (CPD) is a college credential for successfully completing designated short-term credit or non-credit CTE courses that provide industry specific job upgrading or entry-level skills. Credit course sequences shall be less than four (4) credit hours. The issuance of a Certificate of Professional Development requires that the students' work has been evaluated and stated competencies have been met. Issuance of the CPD will not appear on the student transcript.

#### *At a Glance*

#### Certificates of Professional Development (CPD)

##### Construction Technology

Safety

Welding for Trades

##### Marine Option Program

Marine Naturalist III

##### Nursing Career Ladder

Adult Residential Care Home Operator

Medication Assistant

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### CTE Curricula & Maps

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The Program Maps that follow for individual CTE programs show the required curricula in order to earn certificates and degrees, along with suggested sequences for taking the required courses.



## Accounting

The Accounting program at UH Maui College is designed to prepare students for entry-level positions in the accounting profession within government and private business. Students who select the Accounting program should have the interest and aptitude for computational work. Students are prepared to work as an Account Clerk or Accounting Assistant with completion of the Certificate of Achievement (30 credits), and as a Bookkeeper with completion of the Associate in Applied Science degree (61 credits). With additional education, graduates of this program may become an Accountant or Auditor.

Students planning to transfer to the UH Maui College ABIT program, the UH Mānoa Shidler College of Business, or to business programs at UH Hilo, UH West Oahu, or another college should see a counselor about the requirements for entrance to these schools. These colleges have specific entrance requirements and not all Accounting program courses fulfill these requirements or are transferable. Accounting majors are required to earn a letter grade of C or better (or credit-by-exam) for Accounting courses.

☞ Contact the Program Coordinator, Kelly Watanabe at 984-3750 or by email at [kellyaw@hawaii.edu](mailto:kellyaw@hawaii.edu) for more information.

### Requirements for Certificate of Achievement (CA): 30 credits

Accounting 124(3),** 201(3),** 132(3), 134(3)	Business/Communication 130(3), or Speech 151 or 251(3)
Business Technology 150, or	English 100(3)
Information & Computer Science 101(3)	Economics 130(3)
Global Multicultural Perspective elective(3)	Mathematics 103, 115, or higher (3)

### Requirements for Associate in Applied Science (AAS) Degree: 61 credits

All CA courses(30), plus:

Accounting 202(3), 252(3), 255(3), 295(3)	Economics 131(3)
Business elective(3)***	Natural Science elective(4) - <i>except PHYS 101</i>
English 209(3)	Psychology 100 or Sociology 100(3)
	HWST 107(3) - <i>Humanities: DH elective</i>

### Full-time students would take courses in this sequence:

First Semester (Fall)	Credits	Second Semester (Spring)	Credits
*ACC 124 Principles of Accounting I**	3	*ACC 201 Introduction to Financial Accounting**	3
*ACC 132 Payroll and Hawai'i General Excise Tax	3	*ACC 134 Individual Income Tax Preparation	3
*BUSN 150 Introduction to Business Computing, or		*MATH 103, MATH 115, or higher	3
ICS 101 Digital Tools for the Information World	3	*BUS/COM 130 Business Communication - Oral, or	
*ENG 100 Composition I	3	SP 151 Personal and Public Speech, or	
*Global Multicultural Perspective – <i>elective</i>	<u>3</u>	SP 251 Principles of Effective Public Speaking	3
	15	*ECON 130 Principles of Economics - Micro	<u>3</u>
			15
Third Semester (Fall)	Credits	Fourth Semester (Spring)	Credits
ACC 202 Introduction to Managerial Accounting**	3	ACC 255 Using Excel in Accounting	3
ACC 252 Using QuickBooks® in Accounting	3	ACC 295 Accounting Capstone	3
ENG 209 Business & Managerial Writing	3	PSY 100 Survey of Psychology, or	
HWST 107 Hawaii: Center of the Pacific	3	SOC 100 Survey of General Sociology	3
ECON 131 Principles of Economics-Macro	<u>3</u>	Natural Science elective with Lab – <i>except PHYS 101</i>	4
	15	Business Elective***	<u>3</u>
			16

Grade C or better (or credit-by-exam) required in all ACC courses.

\* Note: Courses required for the Certificate of Achievement.

\*\* Note: Option 1: ACC 124, ACC 201, and ACC 202.

Option 2: ACC 201, ACC 202, and Business Elective(3)\*\*\*.

\*\*\* Note: Prerequisite courses to program requirements may not be used as a Business elective. Recommended: Business Electives: ACC 193v, and (for ABIT & UHWO) BLAW 200.

\*\*\*\* Note: Bachelor degree-seeking students may take a Global Multicultural Perspective from a different group or a Natural Science from a different group instead of Business Electives.

## Administration of Justice

The Administration of Justice program serves the following broad purposes: to provide general academic knowledge, concepts, and theory pertaining to the criminal justice system; to meet the pre-service needs of those preparing for careers in law enforcement, private security, or other field related to administration of justice; and to meet in-service educational and training needs of professionals in the administration of justice field.

Police Officers may receive up to 21 Administration of Justice credits for completing basic police training as required by government law enforcement agencies, after successfully earning 12 college credits at UH Maui College.

☞ Contact the Program Coordinator, Ryan Daniels, at 984-3224 or by email at ryanbkd@hawaii.edu for more information.

### Requirements for Certificates of Competence (CO):

<b>Corrections I: 9 credits</b>	Administration of Justice 101(3), 150(3), Sociology 100 or 218(3)
<b>Corrections II: 9 credits</b>	Administration of Justice 221(3), 250(3), Psychology 100 or 170(3) <i>(Prereq: Corrections I)</i>
<b>Law Enforcement I: 9 credits</b>	Administration of Justice 101(3), 221(3), Sociology 218(3)
<b>Law Enforcement II: 9 credits</b>	Administration of Justice 223(3), 230(3), Psychology 100 or 170(3) <i>(Prereq: Law Enforcement I)</i>
<b>Private Security I: 9 credits</b>	Administration of Justice 101(3), 170(3), Sociology 100 or 218(3)
<b>Private Security II: 9 credits</b>	Administration of Justice 221(3), 270(3), Psychology 100 or 170(3) <i>(Prereq: Private Security I)</i>

### Requirements for Certificate of Achievement (CA): 33 credits

Administration of Justice 101(3), 200(3), 293v(3)	Hawaiian Studies 107(3)
Administration of Justice elective(3)	Psychology 100 or 170(3)
Administration of Justice elective(3)	COM 145, BUS/COM 130, or SP 151(3)
Administration of Justice elective (3)	English 100 or 106(3)**
	Mathematics 100 or higher, or BUSN 189(3)***

### Requirements for Associate in Applied Science (AAS) Degree: 60 credits

<i>All CA courses(33), plus:</i>	Administration of Justice electives(9) from this list:
Administration of Justice 221(3), 224(3)	AJ 103(3), 104(3), 150(3), 170(3), 226(3), 230(3),
Administration of Justice 210 or 223(3)	231(3), 232(3), 234(3), 250(3), 270(3)
Sociology 100 or 218(3) - <i>Social Science requirement</i>	Humanities elective(3)
	Natural Science elective(3) - <i>except PHYS 101</i>

### Full-time students would take courses in this sequence:

First Semester (Fall)	Credits	Second Semester (Spring)	Credits
*AJ 101 Intro to Administration of Justice	3	*AJ 200 Principles of the Hawai'i Justice System	3
Administration of Justice elective	3	*Administration of Justice elective	3
SOC 100 Survey of General Sociology, or		Administration of Justice elective or General Ed elective	3
SOC 218 Introduction to Social Problems	3	*HWST 107 Hawai'i: Center of the Pacific	3
*COM 145, BUS/COM 130, or SP 151	3	*MATH 100 or higher, or BUSN 189***	<u>3</u>
*ENG 100 or 106**	<u>3</u>		15
	15		
Third Semester (Fall)	Credits	Fourth Semester (Spring)	Credits
AJ 221 Criminal Law <i>(if taken for CA, add 3 cr. AJ elective)</i>	3	AJ 223 Laws of Arrest, Search, Seizure	3
*Administration of Justice elective	3	*AJ 293v Administration of Justice Internship	3
Administration of Justice elective or General Ed elective	3	*Administration of Justice elective	3
*PSY 100 Survey of Psychology, or		Administration of Justice elective or General Ed elective	3
PSY 170 Psychology of Adjustment	3	Natural Science elective - <i>except PHYS 101</i>	<u>3</u>
Humanities elective	<u>3</u>		15
	15		

\*Note: Courses required for the Certificate of Achievement.

\*\*Note: ENG 22 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.

\*\*\*Note: MATH 75X/82 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.



## Agriculture & Natural Resources

The Agriculture & Natural Resources program provides instruction for those in need of training, retraining, or skills upgrading in the field of agriculture, and those wishing to transfer to a four-year college or university. Diverse learning activities are provided at facilities on Maui and Moloka'i. The Maui facility includes a 10,700 sq. ft. greenhouse and 1.5 acres of vegetable fields and landscapes. The Moloka'i Farm includes a 5,000 sq. ft. greenhouse, orchards, and vegetable fields on 28 acres of land.

Projections point to a continued need for well-trained people in all aspects of the green industry. Hotels and condominiums face increasing demand for personnel to design and maintain aesthetically pleasing landscapes in an environmentally sound manner. Farms and agriculturally related businesses need informed individuals to implement new technologies and sustainable agriculture techniques. Numerous opportunities exist for entrepreneurs in vegetable, flower, and nursery crop production as well as landscape maintenance. The New Farmer Institute at UHMC is devoted to assisting outstanding students and graduates with becoming agriprenuers. Students interested in an interdisciplinary degree in cultural and natural resource management are encouraged to speak with the program coordinator.

Students may transfer to other institutions after beginning their academic and technical training on Maui or Moloka'i. Some agriculture courses are articulated or can be used as electives at the University of Hawai'i at Hilo or University of Hawai'i at Mānoa. The Oregon State University eCampus offers a degree in general agriculture that allows UHMC agriculture students the opportunity to pursue a bachelor degree while living here in Maui County.

☞ Contact the Program Coordinator, Ann Emmsley, at 984-3243 or by email at [aemmsley@hawaii.edu](mailto:aemmsley@hawaii.edu) for latest program schedule cycle.

### Requirements for Certificates of Competence (CO):

<b>Beekeeping: 4 credits</b>	Agriculture 162(2), 163(2)
<b>GIS in Ecosystem Management: 8 credits</b>	GIS/ICS 150(4), GIS 180(4)
<b>Landscape Maintenance: 13-14 credits</b>	Agriculture 235(3), 260(4), 261(3); Agriculture 269(3) or [265(3) & 265L(1)]
<b>Natural Resource Management: 21 credits</b>	Agriculture 174(3), 193v(1), [265(3) & 265L(1)], 281(3); Biology [105(3) & 105L(1)] or Biology [124(3) & 124L(1)]; Botany 105/Hawaiian Studies 211 (3); GIS 150 (3)
<b>Pest Management: 9 credits</b>	Agriculture 174(3), 201(3), 281(3)
<b>Sus. Tropical Crop Production: 10 credits</b>	Agriculture 103(2), 104(1), 232(1), 251(4), 252(2)

### Requirements for Certificates of Achievement (CA):

#### Core courses required for CA programs: 27 credits

Agriculture 122(3), 174(3), 200(4), 201(3), 230(3), 235(3)	Automotive Technology 80(2)
MATH 100 or higher, or BUSN 189(3)**	English 100 or 106(3)*

#### Nursery Management (CA): 34 credits

*All Core courses(27), plus:*

Agriculture 266(3), 269(3), 193v(1)

#### Horticulture & Landscape Maintenance(CA): 40-41 credits

*All Core courses(27), plus:*

Agriculture 260(4), 261(3), 269(3) or [265(3) & 265L(1)], 281(3)

#### Sustainable Tropical Crop Management (CA): 41 credits

*All Core courses(27), plus:*

Agriculture 103(2), 104(1), 193v(1), 232(1), 251(4), 252(2), 281(3)

\*Note: ENG 22 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.

\*\*Note: MATH 75X/82 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.

**Requirements for Associate in Applied Science (AAS) Degree: 60-62 credits****Horticulture & Landscape Maintenance (AAS): 60-61 credits**

*All CA Horticulture & Landscape courses(40-41), plus:*

Electives(8) from AG Elective List - Horticulture option below  
General Education(12) listed below

**Sustainable Tropical Crop Management (AAS): 62 credits**

*All CA Sustainable Tropical Crop courses(41), plus:*

Electives(9) from AG Elective List - Tropical Crop option below  
General Education(12) listed below

**AG Elective List:**

*Tropical Crop options:* Agriculture 113(1), 162(2), 253(4), 263(3), 265(3) & 265L(1), 266(3)

*Horticulture options:* Agriculture 194v(1-3), 232(1), 233(2), 251(4), 254(4), 263(3), 265(3) & 265L(1), 266(3), or 269(3)

Trade/Natural Science appropriate to major, including WELD 19C,19D; BIOL 105, 124; GIS 150, SSM 101.

**General Education required for both AAS programs: 12 credits**

BUS/COM 130 or SP 151(3)

ICS 101 or BUSN 150(3)

Humanities elective(3)

Social Science elective(3)

*\*Note: ENG 22 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.*

*\*\*Note: MATH 75X/82 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.*



## Automotive Technology

The purpose of the Automotive Technology program is to train students for employment in automotive service and repair. The laboratory phase of courses uses modern tools and equipment while performing actual “live” service and repairs on automobiles. The classroom phase includes discussion of principles on the operation of automotive systems and components, demonstration of repair techniques, textbook assignments, and quizzes. Basic mechanic hand tools, supplies, books, and working clothes are required for enrollment. A tool list is available from the instructor.

The Automotive Technology program prerequisite requires placement at English 22 or higher, or consent of instructor, for all Automotive Technology courses except AMT 80 and AMT 100. Students must maintain a valid driver's license throughout the duration of the Automotive course of study.

The Automotive Technology program offers two different pathways towards certificates and degrees, Automotive Technology(AMT) and Auto Body Repair and Painting(ABRP).

☞ Call the Program Coordinator, Thomas Hussey, at 984-3236 or by emailing [thussey@hawaii.edu](mailto:thussey@hawaii.edu) for more information.

### Automotive Technology(AMT) Pathway

#### Requirements for Certificate of Competence (CO) in Automotive Technology: 4 credits

<b>Brakes: 4 credits</b>	Automotive Technology 152(4)
<b>Heating &amp; Air Conditioning: 4 credits</b>	Automotive Technology 144(4)
<b>Suspension &amp; Steering: 4 credits</b>	Automotive Technology 154(4)

#### Requirements for Certificate of Achievement (CA) in Automotive Technology: 53-55 credits

Automotive Technology 100(2)***, 129(7), 141(5), 144(4), 145(4), 149(4), 152(4), 154(4), 240(4), 241(4), 246(4)	English 100 or 106(3)** Quantitative Methods 107C(3)
Welding 119C(3)	

#### Requirements for Associate in Applied Science (AAS) Degree in Automotive Technology: 73-75 credits

All CA courses(53-55), plus:

Automotive Technology 262(8)	Humanities elective(3)
Communication 145, or English 209 or 210, or Business/Communications 130(3)	Social Science elective(3) Physics 101(3) - <i>Natural Science elective</i>

#### Full-time students not in the ABRP Concentration would take courses in this sequence:

First Semester (Fall)	Credits	Second Semester (Spring)	Credits
*AMT 100 Introduction to Automotive Mechanics***	0-2	*AMT 145 Manual Drive Trains and Axles	4
*AMT 141 Electrical/Electronics Systems I	5	*AMT 149 Automatic Transmissions and Transaxles	4
*AMT 152 Brake Systems	4	*AMT 241 Electrical/Electronics Systems II	4
*AMT 154 Suspension - Steering	4	*PHYS 101 Technical Automotive Physics	3
*QM 107C Quantitative Methods in AMT	<u>3</u>	*ENG 100 or 106**	<u>3</u>
	16-18		18
Third Semester (Fall)	Credits	Fourth Semester (Spring)	Credits
*AMT 129 Engine Repair	7	*AMT 144 Heating and Air Conditioning	4
*AMT 240 Fuel Emission Systems	4	AMT 262 Advanced Diagnostic & Repair	8
*AMT 246 Ignition Systems	4	*WELD 119C Welding for Automotive Applications	3
COM 145, ENG 209 or 210, or BUS/COM 130	3	Social Science elective	<u>3</u>
Humanities elective	<u>3</u>		18
	21		

\*Note: Courses required for the Certificate of Achievement.

\*\*Note: ENG 22 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.

\*\*\*Note: All AMT students are required to take AMT 100 in their first semester at UH Maui College unless they have earned the 2+2 credit or have been waived by the program coordinator.

**Auto Body Repair and Painting (ABRP) Concentration**

**Requirements for Certificate of Achievement (CA) in Automotive Technology - ABRP Concentration: 30-32 credits**

Auto Body Repair & Painting 120G(3),120H(3), 122E(4), 122G(6), 141G(3), and 141H(2)	Welding 119C(3)
Automotive Technology 100(2)***	English 100 or 106(3)**
	Quantitative Methods 107C(3)

**Requirements for Associate in Applied Science (AAS) Degree in Automotive Technology - ABRP Concentration: 62-64 credits**

*All CA courses(30-32), plus:*

Automotive Technology 141(4), 144(4), 152(4), and 241(4)	Humanities elective(3)
Communication 145, or English 209 or 210, or Business/Communications 130(3)	Social Science elective(3)
	Physics 101(3) - <i>Natural Science requirement</i>

**Full-time students in the ABRP Concentration would take courses in this sequence:**

First Semester (Fall)	Credits	Second Semester (Spring)	Credits
*AMT 100 Introduction to Automotive Mechanics***	0-2	*ABRP 122E Basic Auto Refinishing	4
*ABRP 120G Auto Sheet Metal	3	*ABRP 122G Complete Refinishing Techniques	6
*ABRP 120H Body & Fender	3	*ABRP 141H Management & Estimating	2
*ABRP 141G Plastic Panel Repair	3	*ENG 100 or 106**	<u>3</u>
*QM 107C Quantitative Methods in AMT	3		15
*WELD 119C Welding for Automotive Applications	<u>3</u>		
	15-17		
Third Semester (Fall)	Credits	Fourth Semester (Spring)	Credits
AMT 141 Electrical/Electronics Systems I	4	AMT 144 Heating and Air Conditioning	4
AMT 152 Brake Systems	4	AMT 241 Electrical/Electronics Systems II	4
AMT 154 Steering & Suspension Systems	4	PHYS 101 Technical Automotive Physics	3
COM 145, ENG 209 or 210, or BUS/COM 130	3	Social Science elective	<u>3</u>
Humanities elective	<u>3</u>		14
	18		

*\*Note: Courses required for the Certificate of Achievement.*

*\*\*Note: ENG 22 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.*

*\*\*\*Note: All AMT students are required to take AMT 20 in their first semester at UH Maui College unless they have earned the 2+2 credit or have been waived by the program coordinator.*



## Business Administration

The Business Administration program offers various levels of educational opportunity:

- Certificates designed for students and community members who wish to acquire or upgrade their skills and knowledge.
- One-year Certificate of Achievement that provides essential skills and knowledge in business, communication, writing, and mathematics.
- Two-year Associate in Applied Science that serves as preparation in the areas of business management, marketing, and sales.
- Transferable courses for four-year business programs at UH Maui College, UH Mānoa, UH West Oahu, and other institutions.

Students interested in a baccalaureate program should take the appropriate mathematics sequence early in order to complete required course(s) and should see a counselor about specific requirements for entrance to baccalaureate programs.

*Not all Business Administration courses will transfer and fill baccalaureate requirements.* Baccalaureate programs additionally have specific GPA entrance requirements that may be higher than 2.0. Students should elect letter grades (A, B, C, etc.).

👉 Contact the Program Coordinator, Gil Logan, at 984-3344 or by email at [glogan@hawaii.edu](mailto:glogan@hawaii.edu) for more information.

### Requirements for Certificates of Competence (CO):

<b>Entrepreneurship: 12 credits</b>	BUS 125(3), MGT 124(3), ACC 124 or 201(3), BLAW 200(3)
<b>Supervision: 9 credits</b>	MGT 120(3), 122(3); BUS/COM 130(3)
<b>e-Marketing: 12 credits</b>	MKT 120(3), 285(3); BUSN 150(3), 261(3)

### Requirements for Associate in Certificate of Achievement (CA): 30 credits

Business 120(3)	Business Law 200(3)
Business Technology 150 or ICS 101(3)	Economics 130(3)
Management 120(3), 122(3)	English 100(3)*
Marketing 120(3)	Mathematics 103, or 115, or higher(3)**
Business Communication-Oral 130(3)	

### Requirements for Associate in Associate in Applied Science (AAS): 61 credits

<i>All CA courses(30) plus:</i>	English 209(3)
Accounting 201(3), 202(3)	Hawaiian Studies 107(3)
Economics 131(3)	Psychology 100 or Sociology 100(3)
Management 124(3)	Natural Science with Lab(4)
Marketing 160(3)	Business elective(3)***

\*Note: ENG 22 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.

\*\*Note: MATH 82 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.

**Full-time students would take courses in this sequence:**

<b>First Semester (Fall)</b>	<b>Credits</b>	<b>Second Semester (Spring)</b>	<b>Credits</b>
*BUS 120 Principles of Business	3	*MATH 103, or MATH 115, or higher	3
*BUSN 150 Introduction to Business Computing, or ICS 101 Digital Tools for the Information World	3	*MKT 120 Principles of Marketing	3
*ENG 100 Composition I	3	*MGT 122 Organizational Behavior	3
*BUS/COM 130 Business Communication-Oral	3	*ECON 130 Principles of Economics - Micro	3
*MGT 120 Principles of Management	<u>3</u>	*BLAW 200 Legal Environment of Business	<u>3</u>
	15		15
<b>Third Semester (Fall)</b>	<b>Credits</b>	<b>Fourth Semester (Spring)</b>	<b>Credits</b>
ACC 201 Introduction to Financial Accounting	3	ACC 202 Introduction to Managerial Accounting	3
MGT 124 Human Resource Management	3	HWST 107 Hawaii: Center of the Pacific	3
MKT 160 Advertising & Promotion	3	ECON 131 Principles of Economics - Macro	3
ENG 209 Business & Managerial Writing	3	Business elective <sup>a,b</sup>	3
Natural Science elective with lab	<u>4</u>	PSY 100 Survey of Psychology, or	
	16	SOC 100 Survey of General Sociology	<u>3</u>
			15

Grade C or better is required in all ACC, BUS, BLAW, MGT and MKT classes.

<sup>\*</sup>Note: Courses required for the Certificate of Achievement.

<sup>a</sup>Note: Recommended Business electives are 6 credits from this list: ACC 132, ACC 252, ACC 255, BUS 125, BUS 193V, BUSN 261, MKT 285.

<sup>b</sup>Note: Bachelor degree-seeking students may take a Global Multicultural Perspective or a Natural Science instead of a Business elective.



## Business Technology

The Business Technology career ladder is competency based and focuses on the skills, knowledge, and attitudes needed to prepare for office positions in government or industry. The curriculum includes specialties, as well as general offerings, to broaden students' background and to enhance employment and promotion possibilities. The Business Technology umbrella offers credentials at four levels.

- Certificates of Competence (CO) cover skills prerequisite to the career ladder program for entry-level positions such as Receptionist, General Office Clerk, and Virtual Office Assistant. The Medical Office Specialist I prepares for medical assistant positions not requiring a degree.
- Certificate of Achievement (CA) prepares students for the more complex roles of Administrative Assistant, Computer Operator, Medical Secretary, or Medical Office Specialist.
- Associate in Applied Science (AAS) degree advances skills and provides focus in two specialty areas. The Information Processing specialty prepares for responsible positions using integrated word processing, database, and spreadsheet applications, as well as for nationally recognized office specialist certification exams. Medical Office Specialist II prepares for work in out-patient or in-patient environments in positions that require an AAS degree, including Medical Assistant, Doctor's Assistant, Medical Office Assistant, Clinical Assistant, and Health Unit Coordinator.

*Grade C or better in each required course (excluding electives) must be attained to qualify for all certificates and degrees. Required courses completed through credit by examination with a CR grade may also be used toward Business Technology certificates and degrees.*

✋ Contact the Program Coordinator, Sanford Low, at 984-3305 or by email at sanfordl@hawaii.edu for more information.

### Requirements for Certificates of Competence (CO):

*Note: At least four of the required credits must be completed from UH Maui College courses. Up to five BUSN credits may be satisfied through pre-testing-prior to registration, high school articulation or transcript evaluation, or by obtaining program coordinator consent.*

#### Career Prep: 4 credits

Business Technology 166 or Interdisciplinary Studies 105C(1)

Business Technology 150 or ICS 101(3)

#### Business Technology: 16 credits

Business Technology 150 or ICS 101(3)

Business Technology 166(1), 170(3), 189(3)

Business Technology 161, Business 120, or Management 120(3)

English 100(3)

#### Medical Office Specialist I: 22 credits

Business Technology 150 or ICS 101(3)

Health 129(3)

Business Technology 161, Business 120, or Management 120(3)

Nursing 100(6)

Business Technology 193v(1)

Biology 100(3)<sup>5</sup>

English 100(3)

#### Virtual Office Assistant: 23 credits

Business Technology 150 or ICS 101(3)

Accounting 124 or 201(3)

Business Technology 121 or 123(3)

Business Technology 151(3), 158(3), 159(3), 164(3), 193v(2)

### Requirements for Certificate of Achievement (CA): 31 credits

*All Business Technology CO courses(16), plus:*

Business Technology 123(3), 151(3)

Business/Communication 130<sup>2</sup> or Communication 145(3)

BUSN 157 or ICS 205<sup>2</sup> or ICS 214<sup>2</sup>(3)

English 209(3)

### Requirements for Associate in Applied Science (AAS) Degrees:

#### Information Processing Specialty: 60-61 credits

*All CA courses(31), plus:*

Business Technology 110 or 261(3), 193v(2-3)\*, 232(3), 292(3)

Social Science elective(3) - 100 or above - ECON 130(recommended)

Accounting 124 or 201(3)

General Education elective(3) - 100 or above

Natural Science elective(3) - *except PHYS 101*

Business electives<sup>3</sup>(6) from Information Processing map

#### Medical Office Specialist II: 62 credits<sup>6</sup> *Students who earn this AAS degree also qualify for the Business Technology CO & CA by applying.*

*All Medical Office Specialist I CO courses(22), plus:*

Business Technology 123(3), 151(3), 166(1), 170(3),

Business/Communication 130 or Communication 145(3)

185(3), 189(3), 193v(2), 292(3)

English 209(3)

Accounting 124 or 201(3)

Social Science elective(3) - 100 or above

Pharmacology 105(1), 106(3), 107(3)

**Information Processing full-time students would take courses in this sequence:**

**CO - Business Technology**

First Semester (Fall)	Credits
BUSN 150 or ICS 101	3
BUSN 161, BUS 120, or MGT 120	3
BUSN 166 Professional Employment Preparation	1
BUSN 170 Records & Information Management	3
BUSN 189 or MATH 100 <sup>2</sup> or MATH 115 <sup>1</sup>	3
ENG 100 <sup>2</sup> Composition I	<u>3</u>
	16

**CA - Business Technology**

Second Semester (Spring)	Credits
BUSN 123 Word Processing for Business	3
BUSN 151 Intermediate Business Computing	3
BUSN 157 or ICS 205 <sup>2</sup> or ICS 214 <sup>2</sup>	3
BUS/COM 130 <sup>2</sup> Business Communication-Oral, or COM 145 Interpersonal Communication I	3
ENG 209 Business & Managerial Writing	<u>3</u>
	15

**AAS - Information Processing Specialty**

Third Semester (Fall)	Credits
ACC 124 or ACC 201	3
BUSN 110 or BUSN 261	3
BUSN 193v Business Technology Coop Education	2-3
BUSN 232 Business Computer Spreadsheets	3
Social Science elective or ECON 130 <sup>2</sup>	<u>3</u>
	14-15

Fourth Semester (Spring)	Credits
BUSN 292 Integrated Office Procedures	3
Natural Science elective	3
General Education elective or HWST 107 <sup>2</sup>	3
Business elective <sup>3</sup>	3
Business elective <sup>3</sup>	<u>3</u>
	15

<sup>3</sup>Business electives from this list, or other approved course: ACC 201; BLAW 200; BUSN 110, 158, 159, 237, 261; ICS 205, 214.

**Medical Office Specialist I (CO) and Medical Office Specialist II (AAS) full-time students would take this sequence.<sup>3</sup>**

First Semester (Fall)	Credits
*BUSN 161, BUS 120, or MGT 120	3
*NURS 100 Nurse Assistant	6
BUSN 123 Word Processing for Business	3
*ENG 100 Composition I <sup>5</sup>	<u>3</u>
	15

Second Semester (Spring)	Credits
*BUSN 150 or ICS 101	3
*HLTH 129 Terminology for Health Careers	3
*BIOL 100 Human Biology - <i>Natural Science elective</i>	3
BUSN 166 Professional Employment Preparation	1
BUSN 170 Records & Information Management	3
BUSN 189 Business Mathematics	<u>3</u>
	16

**Summer Session (6 weeks)**

BUSN 193v Business Technology Coop Education	1
----------------------------------------------	---

Third Semester (Fall)	Credits
ACC 124 Principles of Accounting I, or ACC 201 Introduction to Financial Accounting	3
BUSN 151 Intermediate Business Computing	3
*BUSN 193v Business Technology Coop Education	2
BUS/COM 130 Business Communication-Oral, or Communication 145 Interpersonal Communication I	3
ENG 209 Bus & Managerial Writing - <i>Humanities elective</i>	<u>3</u>
	14

Fourth Semester (Spring)	Credits
BUSN 185 Processing Physician Orders	3
BUSN 292 Integrated Office Procedures	3
PHRM 105 Administration of Medications	1
PHRM 106 Intro Pharmacy Technology	3
PHRM 107 Pharmacology and Treatment of Diseases	3
Social Science elective <i>100 or above</i>	<u>3</u>
	16

\*Note: Either 2 or 3 credits are required depending on prior work experience as approved by a counselor or program coordinator.

<sup>1</sup>Note: Recommended for UHWO PUBA degree seeking students.

<sup>2</sup>Note: Recommended for bachelor's degree seeking students.

<sup>3</sup>Note: Bachelor degree-seeking students may take a General Education requirement.

<sup>4</sup>Note: Courses required for Med Off Spec I (CO<sup>5</sup>).

<sup>5</sup>Note: ENG 22 may be substituted for the Med Off Spec I certificate for those not going on to the Med Off Spec II degree.

<sup>6</sup>Note: Med Off Spec II AAS grads may receive Business Technology CO & CA by applying.



## Construction Technology

The Construction Technology program prepares students in general building construction and maintenance of large or small structures. It allows students to explore different trades prior to selecting a specialization.

Students with current industry certifications or training may receive “credit” and no grade for specific courses per the policy Credit for Non-Collegiate Instruction in the UHMC General Catalog.

✉ Contact the Program Coordinator, Clifford Rutherford, at (808) 984-3246 or by email at crutherf@hawaii.edu for more information.

### Requirements for Certificate of Professional Development (CPD):

**Welding for Trades: 3 credits** WELD 119D(3)

**Safety: 2 credits** OSH 100(1), 110(1)

### Requirements for Certificate of Competence (CO): 11-13 credits

**Sustainable Technology:** *one course from each group*

ENRG 101 or SSM 101(3) (*Sustainability*)

ENRG 103 or SSM 275(3) (*Renewable Energy*)

SSM 201(3) (*Green Building*)

One of the following: AEC 110(4); BLPR 101(3); ICS 161(3);

MAIN 150(2), 165(2), or 170(2) (*Drafting/Construction*)

### Requirements for Certificate of Competence (CO): 16 credits

Carpentry 120(3)

Electricity 100(3)

Energy 101(3)

### Requirements for Certificate of Achievement (CA) Building Maintenance & Construction: 37 credits

Architectural Engineering & CAD Tech 110(4)

Blueprint 101(3)

Carpentry 120(3), 121(3), and 122(3)

Electricity 100(3) and 110(2)

### Requirements for Certificates of Competence (CO): 5-10 credits

**Air Conditioning Maintenance: 5 credits** MAIN 165(2), 166(1), 167(2)

**Basic Carpentry Skills: 6 credits** CARP 120(3), 121(3)

**Basic Drafting Skills: 7 credits** AEC 110(4), BLPR 101(3)

**Electrical Maintenance: 5 credits** ELEC 100(3), 110(2)

**Energy Production: 6 credits** ENRG 101(3), 103(3)

**Facilities Management: 10 credits** FMGT 100(2), 120(3), 200(3), 201(2)

**Maintenance Painting: 4 credits** FMGT 100(2), MAIN 140(2)

**Maintenance Plumbing: 6 credits** FMGT 100(2), MAIN 150(2), 155(2)

**Rough & Finish Carpentry: 6 credits** CARP 121(3), 122(3)

**Small Equipment Repair: 7 credits** ELEC 100(3), FMGT 100(2), MAIN 160(2)

Facilities Management 100(2)

MATH 100 or higher, or BUSN 189(3)\*\*

Occupational Safety & Health 100(1), 110(1)

Facilities Management 100(2)

Maintenance 130(2), 140(2), and 150(2)

Occupational Safety & Health 100(1) and 110(1)

English 100 or 106(3)\*

MATH 100 or higher or BUSN 189(3)\*\*

### Requirements for Certificate of Achievement (CA) Facilities Mechanical: 37 credits

Blueprint 101(3)

Electricity 100(3) and 110(2)

Energy 101(3) and 103(3)

Facilities Management 100(2)

Maintenance 150(2), 155(2), 160(2), 165(2), 166(1), 167(2), and 170(2)

Occupational Safety & Health 100(1) and 110(1)

English 100 or 106(3)\*

MATH 100 or higher or BUSN 189(3)\*\*

### Requirements for Certificate of Achievement (CA) Facilities Management: 37 credits

Blueprint 101(3)

Electricity 100(3)

Energy 101 or SSM 101(3)\*\*\*\*

Energy 103 or SSM 275(3)\*\*\*\*

Facilities Management 100(2), 120(3)\*\*\*, 200(3), and 201(2)

Business Law 200(3)

Economics 120, 130, or 131(3)

Sustainable Science Management 201(3)

English 209 or 210(3)\*

MATH 103 (*recommended*), or 115(3)\*\*

### Requirements for Associate in Applied Science (AAS) Degree: 63-66 credits

*Completion of any Construction Technology CA(37), plus:*

BUS/COM 130, or COM 145, or SP 151 or 251(3)

ICS 101 or BUSN 150(3)

Cooperative Education 193v(2) - *in the appropriate alpha*

Technical electives(6)

Humanities elective(3) - *100 or above*

Natural Science elective(3) *100 or above*

Social Science elective(3) - *100 or above*

\*Note: ENG 22 may be substituted for the Certificate of Achievement for those not going on for the AAS degree.

\*\*Note: MATH 75X/82 may be substituted for the Certificate of Achievement or Competence for those not going on for the AAS degree.

\*\*\*Note: BUS 120 may be substituted FMGT 120.

\*\*\*\*Note: SSM 101, SSM 201, and SSM 275 recommended to meet UH West Oahu lower division general education requirements and ICS 111 and ICS 184 recommended as technical electives for students wishing to pursue the UH West Oahu BAS-FMGT.

**Full-time students in the Building & Construction concentration of the AAS would take courses in this sequence:**

<b>First Semester (Fall)</b>	<b>Credits</b>	<b>Second Semester (Spring)</b>	<b>Credits</b>
CARP 120 Basic Carpentry Skills	3	BLPR 101 Blueprint & Drafting Foundations	3
FMGT 100 Intro to Building Maintenance & Construction	2	CARP 121 Framing and Exterior Finish	3
ICS 101 or BUSN 150	3	ELEC 100 Survey of Electrical Math & Physics	3
ENG 100 or 106	3	MAIN 150 Plumbing I	2
Mathematics 100 or higher, or BUSN 189***	<u>3</u>	BUS/COM 130, or COM 145; or SP 151 or 251	<u>3</u>
	14		14
<b>Third Semester (Fall)</b>		<b>Fourth Semester (Spring)</b>	
AEC 110 Basic AutoCAD	4	Cooperative Education 193v(2) - <i>in the appropriate alpha</i>	2
CARP 122 Interior Finish	3	Technical electives - <i>Building and Construction concentration<sup>a</sup></i>	6
ELEC 110 Residential and Light Commercial Wiring	2	Humanities elective - <i>100 or above</i>	3
MAIN 130 Masonry	2	Natural Science elective - <i>100 or above</i>	3
MAIN 140 Painting & Decorating	2	Social Science elective - <i>100 or above</i>	<u>3</u>
OSH 100 First Aid and OSH 110 OSH for Construction	<u>1,1</u>		17
	15		

<sup>a</sup>Note: Technical electives for the Building & Construction Concentration: AG 235(3), ENRG 101(3) or 103(3); FMGT 120(3)\*\*\*\*, 200(3) or 201(2); MAIN 155(2), 160(2), 165(2), 166(1), 167(2) or 170(2); SSM 101(3), 201(3) or 275(3); WELD 119D(1).

**Full-time students in the Facilities Mechanical concentration of the AAS would take courses in this sequence:**

<b>First Semester (Fall)</b>	<b>Credits</b>	<b>Second Semester (Spring)</b>	<b>Credits</b>
FMGT 100 Intro to Building Maintenance & Construction	2	BLPR 101 Blueprint & Drafting Foundations	3
ICS 101 or BUSN 150	3	ELEC 100 Survey of Electrical Math & Physics	3
Technical electives - <i>Facilities Mechanical concentration<sup>b</sup></i>	4	ENRG 101 Intro to Sustainable Technology	3
ENG 100 or 106	3	MAIN 150 Plumbing I	2
Mathematics 100 or higher, or BUSN 189**	<u>3</u>	MAIN 170 Preventive Maintenance	2
	15	BUS/COM 130, or COM 145; or SP 151 or 251	<u>3</u>
			16
<b>Third Semester (Fall)</b>		<b>Fourth Semester (Spring)</b>	
ELEC 110 Residential and Light Commercial Wiring	2	MAIN 155 Plumbing II	2
ENRG 103 Energy Production Systems	3	MAIN 167 HVACR System Design and Controls	2
MAIN 160 Small Equipment Repair	2	Cooperative Education 193v - <i>in the appropriate alpha</i>	2
MAIN 165 Air Conditioning & Refrigeration	2	Humanities elective - <i>100 or above</i>	3
MAIN 166 HVACR Refrigerant Recovery	1	Natural Science elective - <i>100 or above</i>	3
OSH 100 First Aid and OSH 110 OSH for Construction	1,1	Social Science elective - <i>100 or above</i>	<u>3</u>
Technical electives - <i>Facilities Mechanical concentration<sup>b</sup></i>	<u>2</u>		15
	14		

<sup>b</sup>Note: Technical electives for the Facilities Mechanical Concentration: AEC 110(4); AG 235(3); CARP120(3), 121(3) or 122(3); ENRG 101(3) or ENRG 103(3); FMGT 120(3)\*\*\*\*, 200(3) or 201(2); MAIN 130(2), or 140(2); SSM 101(3), 201(3) or 275(3); WELD 119D(1).

**Full-time students in the Facilities Management concentration of the AAS would take courses in this sequence:**

<b>First Semester (Fall)</b>	<b>Credits</b>	<b>Second Semester (Spring)</b>	<b>Credits</b>
ENRG 101 or SSM 101****	3	BLPR 101 Blueprint & Drafting Foundations	3
FMGT 100 Intro to Building Maintenance & Construction	2	ELEC 100 Survey of Electrical Math & Physics	3
ICS 101 or BUSN 150	3	ENRG 103 or SSM 275*****	3
ENG 209 or 210*	3	FMGT 120 Introduction to Project Management****	3
Mathematics 103(recommended) or 115**	<u>3</u>	BUS/COM 130, or COM 145; or SP 151 or 251	<u>3</u>
	14		15
<b>Third Semester (Fall)</b>		<b>Fourth Semester (Spring)</b>	
FMGT 200 Mechanical Systems Design & Construction	3	FMGT 201 Facilities Operation and Leadership	2
BLAW 200 Legal Environment of Business	3	Technical electives - <i>Facilities Management concentration<sup>c</sup></i>	4
ECON 120, 130 or 131	3	Humanities elective - <i>100 or above</i>	3
SSM 201 Sustainable Building Design*****	3	Natural Science elective - <i>100 or above</i>	3
Cooperative Education 193v - <i>in the appropriate alpha</i>	2	Social Science elective - <i>100 or above</i>	<u>3</u>
Technical electives - <i>Facilities Management concentration<sup>c</sup></i>	<u>2</u>		15
	16		

<sup>c</sup>Note: Technical electives for the Facilities Management Concentration: AEC 110(4); AG 235(3); ELEC 110(2); ENRG 101(3) or 103(3); ICS 111 or ICS 184\*(3)\*\*\*\*; MAIN 150(2), 155(2), 160(2), 165(2), 166(1), 167(2) or 170(2); OSH 100(1) or OSH 110(1); SSM 101(3)\*\*\*\*\* or SSM 275(3)\*\*\*\*\*.

## Creative Media

Creative Media is commercial art: the convergence of art, technology, and commerce. The Academy for Creative Media Maui incorporates storytelling, media & cinema analysis, screenwriting, graphic design, photography, video, audio, motion graphics, animation, marketing, publicity, and journalism. We emphasize foundational knowledge and skills, understanding of intellectual property and ethical concerns, and best practices in the field to foster professional attitudes for success in advertising, web marketing, publishing, motion picture and television production, programming, and more. Students enjoy project-based growth experiences that elevate critical thinking and awareness of related industries and vast career possibilities for commercial artists.

Our general Creative Media Associate of Science (AS) degree consists of core classes, general education, and nine credits of approved specialization electives. To develop a focused skill-set students are encouraged to commit to a pathway in Graphic Design, Filmmaking, or Web Development. Additionally, thirty-credit Certificates of Achievement (CA) exist for each discipline, and are also attained in the organic pursuit of the AS.

Majors are required to earn a letter grade of C or better for core and specialization courses, to prepare students for the job market, as entrepreneurs, or continuation to a four-year degree. Students planning a transfer should consult a counselor about requirements for entrance into that school. Notably, an articulation agreement with UH West Oahu allows AS graduates the opportunity to pursue a Bachelor of Arts (BA).

✋ Contact Program Coordinator Brian Kohne (984-3315, bkohne@hawaii.edu) for info.

### Requirements for Certificate of Achievement (CA) : credits

#### Core courses required for CA programs: 18 credits

Creative Media 105(3), 123(3), 152(3)  
Information & Computer Science 101(3)

English 100(3)  
Mathematics 100, 103, 115, 135 or higher(3)

#### Creative Media (CA): 30 credits

*All Core courses(18), plus:*  
Art 107D or 115(3)  
Creative Media 120(3), 125(3), 147(3)

#### Filmmaking (CA): 30 credits

*All Core courses(18), plus:*  
Art 107D(3)  
Creative Media 119(3), 120(3), 147(3)

#### Graphic Design (CA): 30 credits

*All Core courses(18), plus:*  
Art 107D(3), 115(3)  
Creative Media 125(3), 147(3)

#### Web Development (CA): 30 credits

*All Core courses(18), plus:*  
Art 107D(3)  
Creative Media 125(3)  
Information & Computer Science 110(3), 200(3)

### Requirements for Associate in Science (AS) Degree: 60-61 credits

#### Creative Media (AS): 60-61 credits

*All CA Creative Media courses(30), plus:*  
Creative Media 175(3), 285(3)  
COM 145, SP 151, or SP 251(3)  
English 104 or 210(3)<sup>a</sup>  
Hawaiian Studies 107(3)  
Marketing 160(3)  
Natural Science elective(3-4)  
Specialization electives(9)\*\*

#### Filmmaking (AS): 60-61 credits

*All CA Filmmaking courses(30), plus:*  
Creative Media 139 or 146 or 148(3), 175(3), 220(3), 252(3), 285(3)  
COM 145, SP 151, or SP 251(3)  
English 204C(3)<sup>a</sup>  
Marketing 160(3)  
Natural Science elective(3-4)  
Specialization elective(3)\*\*

#### Graphic Design (AS): 60-61 credits

*All CA Graphic Design courses(30), plus:*  
Creative Media 139 or 144(3), 175(3), 180(3), 225(3), 285(3)  
COM 145, SP 151, or SP 251(3)  
English 104, 210, 204C, or Journalism 205(3)<sup>a</sup>  
Marketing 160(3)  
Natural Science elective(3-4)  
Specialization elective(3)\*\*

#### Web Development (AS): 60-61 credits

*All CA Web Development courses(30), plus:*  
Creative Media 139 or 144(3), 147(3), 175(3), 180(3), 285(3)  
COM 145, SP 151, or SP 251(3)  
English 104, 210, 204C, or Journalism 205(3)<sup>a</sup>  
Marketing 160(3)  
Natural Science elective(3-4)  
Specialization elective(3)\*\*

<sup>a</sup>Note: 3 Credits must be WI(Writing Intensive).

\*Note: Courses required for the Certificate of Achievement.

\*\*Specialization electives: ART 107, 115; BUS 125, 320; BUSN 158; CM 119, 120, 125, 139, 144, 146, 148, 180, 220, 225, 252; ENG 104, 204C, 210; ICS 110, 111, 200, 272, 320; ENG 104, 204C, 210; JOUR 250; MKT 300; MUS 271, 272.

**Full-time students in the Creative Media concentration would take courses in this sequence:**

<b>First Semester (Fall)</b>	<b>Credits</b>	<b>Second Semester (Spring)</b>	<b>Credits</b>
*ART107D or 115	3	*CM125 Intro Graphic Design	3
*CM 105 Storytelling: Find Your Voice in CM	3	*CM147 Mass Media and Culture	3
*CM 123 Photoshop & Illustrator	3	*CM 152 Principles of Video Editing	3
*ENG 100 Composition I	3	COM 145, SP 151 or 251	3
*ICS 101 Digital Tools for the Information World	<u>3</u>	*MATH 100, 103, 115, 135 or higher	<u>3</u>
	15		15
<b>Third Semester (Fall)</b>		<b>Fourth Semester (Spring)</b>	
*CM 120 Intro Digital Video	3	CM 285 Creative Media Capstone	3
CM 175 Motion Graphics & Animation	3	HWST 107 Hawaii Center of the Pacific	3
ENG 104 or 210 (WI) <sup>a</sup>	3	Natural Science elective	3-4
MKT 160 Advertising & Promotion	3	Specialization elective**	3
Specialization elective**	<u>3</u>	Specialization elective**	<u>3</u>
	15		15-16

**Full-time students in the Graphic Design concentration would take courses in this sequence:**

<b>First Semester (Fall)</b>	<b>Credits</b>	<b>Second Semester (Spring)</b>	<b>Credits</b>
*ART107D Intro Digital Photo	3	*ART 115 Intro 2D Design	3
*CM 105 Storytelling: Find Your Voice in CM	3	*CM147 Mass Media and Culture	3
*CM 123 Photoshop & Illustrator	3	*CM 152 Principles of Video Editing	3
*ENG 100 Composition I	3	COM 145, SP 151 or 251	3
*ICS 101 Digital Tools for the Information World	<u>3</u>	*MATH 100, 103, 115, 135 or higher	<u>3</u>
	15		15
<b>Third Semester (Fall)</b>		<b>Fourth Semester (Spring)</b>	
*CM 125 Intro Graphic Design	3	CM 180 Inter Web Technology	3
CM 139 or 144 Media Analysis:(topic)	3	CM 225 Inter Graphic Design	3
CM 175 Motion Graphics & Animation	3	CM 285 Creative Media Capstone	3
ENG 104, 210, 204C or JOUR 250 (WI) <sup>a</sup>	3	Natural Science elective	3-4
MKT 160 Advertising & Promotion	<u>3</u>	Specialization elective**	<u>3</u>
	15		15-16

**Full-time students in the Filmmaking concentration would take courses in this sequence:**

<b>First Semester (Fall)</b>	<b>Credits</b>	<b>Second Semester (Spring)</b>	<b>Credits</b>
*ART107D Intro Digital Photo	3	*CM 119 Movies from Script to Screen	3
*CM 105 Storytelling: Find Your Voice in CM	3	*CM147 Mass Media and Culture	3
*CM 123 Photoshop & Illustrator	3	*CM 152 Principles of Video Editing	3
*ENG 100 Composition I	3	COM 145, SP 151 or 251	3
*ICS 101 Digital Tools for the Information World	<u>3</u>	*MATH 100, 103, 115, 135 or higher	<u>3</u>
	15		15
<b>Third Semester (Fall)</b>		<b>Fourth Semester (Spring)</b>	
*CM 120 Intro Digital Video	3	CM 220 Inter Video Production	3
CM 139, 146, or 148 Media Analysis:(topic)	3	CM 252 Inter Video & Audio Editing	3
CM 175 Motion Graphics & Animation	3	CM 285 Creative Media Capstone	3
ENG 204C Screenwriting (WI) <sup>a</sup>	3	Natural Science elective	3-4
MKT 160 Advertising & Promotion	<u>3</u>	Specialization elective**	<u>3</u>
	15		15-16

**Full-time students in the Web Development concentration would take courses in this sequence:**

<b>First Semester (Fall)</b>	<b>Credits</b>	<b>Second Semester (Spring)</b>	<b>Credits</b>
*ART107D Intro Digital Photo	3	CM 147 Mass Media and Culture	3
*CM 105 Storytelling: Find Your Voice in CM	3	*CM 152 Principles of Video Editing	3
*CM 123 Photoshop & Illustrator	3	COM 145, SP 151 or 251	3
*ENG 100 Composition I	3	*ICS 110 Intro Computer Programming	3
*ICS 101 Digital Tools for the Information World	<u>3</u>	*MATH 100, 103, 115, 135 or higher	<u>3</u>
	15		15
<b>Third Semester (Fall)</b>		<b>Fourth Semester (Spring)</b>	
*CM 125 Intro Graphic Design	3	CM 180 Inter Web Technology	3
CM 139 or 144 Media Analysis:(topic)	3	CM 285 Creative Media Capstone	3
CM 175 Motion Graphics & Animation	3	MKT 160 Advertising & Promotion	3
ICS 200 Web Technology	3	Natural Science elective	3-4
ENG 104, 210, 204C or JOUR 250 (WI) <sup>a</sup>	<u>3</u>	Specialization elective**	<u>3</u>
	15		15-16

## Culinary Arts

The Culinary Arts career-ladder program is based on three levels of competencies offered in two specialty areas: Culinary Arts and Baking. The competency-based instruction focuses on skills, knowledge, and attitudes needed for success in the hospitality industry.

Lab requirements include basic hand tools, knives, safety shoes, books, appropriate uniforms, proof of negative TB test, and compliance with culinary personal hygiene code requirements. Both the Culinary Arts and Baking Associate in Applied Science specialty degrees are fully accredited by the ACFEFAC (American Culinary Federation Education Foundation Accrediting Commission). Minimum placement test levels of English 22 and Mathematics 75X are required for all incoming Culinary Arts students. It is strongly recommended that prospective students meet with Culinary Arts advisors before entry into Culinary Arts courses.

For information regarding appropriate purchase of program approved standard uniforms, shoes, and knife sets, contact the culinary arts counselor. Culinary majors are assessed \$180 per term (prorated for part-time).

✋ Contact the Program Coordinator, Teresa Shurilla, at 984-3683 or by email at [shurilla@hawaii.edu](mailto:shurilla@hawaii.edu) for more information.

### Requirements for Certificates of Competence (CO):

**Culinary Arts: 19 credits**

Culinary 120(5), 130(5), 132(5), 271(4)

**Pastry Cook: 20 credits**

Culinary 150(5), 155(5), 250(5), 251(5)

### Requirements for Certificate of Achievement (CA) - Culinary Arts: 31 credits

Culinary 111(2), 112(2), 120(5), 130(5), 132(5),  
150(5), 191(1)

Culinary 100 or Mathematics 100 or 103(3)  
English 100(3)\*

### Requirements for Associate in Applied Science (AAS) Degrees:

#### Culinary Arts: 67 credits

*All Culinary Arts CA courses(31), plus:*

Culinary 115(2), 160(5), 220(5), 240(3), 271(4), 291(2)  
Management 124(3)  
Food Science & Human Nutrition 185 or 285(3)

BUS/COM 130, COM 145, or SP 151(3)  
Humanities elective(3) - 100-level  
Social Science elective(3) - 100-level

#### Baking: 77 credits

*All Pastry Cook CO courses(20), plus:*

Culinary 111(2), 112(2), 120(5), 130(5), 132(5), 160(5),  
220(5), 271(4), 191(1), 291(2)  
Management 124(3)  
Food Science & Human Nutrition 185 or 285(3)  
BUS/COM 130, COM 145, or SP 151(3)

Humanities elective(3) - 100-level  
Social Science elective(3) - 100-level  
Culinary 100 or Mathematics 100 or 103(3)  
English 100(3)\*



**Culinary Arts full-time students would take courses in sequence:**

<b>First Semester</b>	<b>Credits</b>	<b>Second Semester</b>	<b>Credits</b>
*CULN 111 Introduction to the Culinary Industry	2	*CULN 130 Intermediate Cookery	5
*CULN 112 Sanitation and Safety	2	*CULN 132 Batch Cookery	5
*CULN 120 Fundamentals of Cookery	5	BUS/COM 145, 130, or SP 151	3
*CULN 150 Fundamentals of Baking	5	*CULN 191 Catering Field Experience	1
*CULN 100, or MATH 100 or 103	<u>3</u>	*ENG 100 Composition I	<u>3</u>
	17		17
<b>Summer</b>		<b>Credits</b>	
CULN 291 Culinary Field Experience	2		
<b>Third Semester</b>		<b>Credits</b>	
CULN 160 Dining Room Service	5	<b>Fourth Semester</b>	<b>Credits</b>
CULN 220 Advanced Cookery	5	CULN 240 Garde Manger	3
CULN 115 Menu Merchandising	2	CULN 271 Purchasing and Cost Controls	4
MGT 124 Human Resources Management	3	FSHN 185 or 285	3
Humanities elective - 100-level	<u>3</u>	Social Science elective - 100-level	<u>3</u>
	18		13

**Baking full-time students would take courses in this sequence:**

<b>First Semester</b>	<b>Credits</b>	<b>Second Semester</b>	<b>Credits</b>
*CULN 111 Intro to the Culinary Industry	2	*CULN 130 Intermediate Cookery	5
*CULN 112 Sanitation & Safety	2	*CULN 132 Batch Cookery	5
*CULN 120 Fundamentals of Cookery	5	*CULN 191 Catering Field Experience	1
*CULN 150 Fundamentals of Baking**	5	COM 145, BUS/COM 130, or SP 151	3
*CULN 100, or MATH 100 or 103	<u>3</u>	*ENG 100 Composition I	<u>3</u>
	17		17
<b>Summer</b>		<b>Credits</b>	
CULN 155 Intermediate Baking**	5	CULN 291 Culinary Field Experience	2
<b>Third Semester</b>		<b>Credits</b>	
CULN 160 Dining Room Service	5	<b>Fourth Semester</b>	<b>Credits</b>
CULN 220 Advance Cookery	5	CULN 251 Advanced Baking II**	5
CULN 250 Advanced Baking I**	5	CULN 271 Purchasing and Cost Controls	4
Humanities elective - 100-level	<u>3</u>	MGT 124 Human Resources Management	3
	18	FSHN 185 or 285	3
		Social Science elective - 100-level	<u>3</u>
			18

\*Note: Courses required for the Certificate of Achievement.

\*\*Note: Courses required for the Pastry Cook Certificate of Competence.

## Dental Hygiene

The Dental Hygiene program is a four semester and one summer session program within a cohort that prepares individuals to work in general and specialty dental offices, and public health agencies. Emphasis is placed on the correlations among prevention, education, and the clinical phases of dental hygiene practice as well as basic and social sciences. The curriculum is organized in accordance with requirements of the American Dental Association Commission on Dental Accreditation for a Dental Hygiene program and with consultation from the Maui County Dental Association. The Dental Hygiene program is accredited by the Commission on Dental Accreditation, a specialized accrediting body recognized by the Council of Postsecondary Accreditation and the United States Department of Education. Graduates are eligible to take the National Board of Dental Hygiene Exam, National Clinical Examination, and apply for licensure with the Hawai'i Board of Dental Examiners.

The following minimum prerequisite courses (19 credits) are required of students entering the Dental Hygiene program: ENG 100(3); MATH 100, 103, or 115(3); MICR 130(3) and 140(2); PHYL 141/141L(3,1) and 142/142L(3,1), all with grade C or better. General Education AS credits (*see below*) may be completed early to reduce course load and be more competitive in the selection process. Science lecture courses required for admission have a 10-year time limit, which must be completed within the last 10 years prior to application deadline. A "lab" course (e.g., PHYL 141L, 142L) does not have a time limit, and may be repeated online in the UH system as a 3-credit lecture-only course.

Admission is every other year: application deadline for the next Fall Cohort is 1 May of that year. Admission to UHMC does not guarantee admission to the Dental Hygiene program. Courses may be repeated twice to raise a grade, with the higher grade used for admission purposes. The application process includes an interview and writing exercise. In the event of a tie (*students with same points on Program Application*), the student with the highest GPA is offered admission to the program based on our preadmission courses- pre-requisites and general education courses. All qualified Hawaii State residents will be considered before any qualified non-resident. Dental Hygiene majors are assessed a professional fee of \$500 per semester. Visit the UH Maui College dental website at [maui.hawaii.edu/dental](http://maui.hawaii.edu/dental)

☞ Contact the Program Coordinator, Rosie Vierra, at 984-3313 or by email at [rivierra@hawaii.edu](mailto:rivierra@hawaii.edu) for information.

### Requirements for Associate in Science (AS) Degree: 85 credits

*All prerequisite courses (19) cited above, plus:*

Dental Hygiene 150(2), 153(2), 155(1), 156(3), 158(2), 252(1), 252L(2), 254(3), 255(2), 256(2), 257(2), 258(2), 260(4), 261(2), 262(5), 263(5), 264(2), 265(1), 266(2), 267(3)  
Biochemistry 241 → 141 (3)

Food Science & Human Nutrition 285(3)

Pharmacology 203(3)

Psychology 100(3) and Sociology 100(3)

Humanities: Speech 151 or Communication 130(3)

*Grade C or better is required in all General Education and didactic Dental Hygiene courses, and Grade B or better in all clinical DH courses.*

**Cohort takes courses in this sequence:** *Parenthesis show General Education courses recommended to be taken beforehand.*

First Semester (Fall)	Credits	Second Semester (Spring)	Credits
DH 150 Oral Histology & Embryology	2	DH 252 Dental Materials	1
DH 153 Assessment Procedures in Dental Hygiene	2	DH 252L Dental Materials Lab	2
DH 155 Dental Emergencies	1	DH 255 Oral Pathology in Dental Hygiene	2
DH 156 Pre-Clinical Dental Hygiene	3	DH 256 Applied Pharmacology in Dentistry	2
DH 158 Anatomical Sciences	2	DH 257 Periodontics 1 & Advanced Clinical Techniques	2
DH 254 Pathology in DH & Special Patient Populations	3	DH 260 Clinical Dental Hygiene 1	4
DH 267 Dental Radiology & Interpretation	3	FSHN 285 The Science of Human Nutrition	(3)
BIOC 141 Fundamentals of Biochemistry	(3)	SP 151 or COM 130 - Humanities	(3)
PHRM 203 General Pharmacology	(3)		(6) 13
	(6) 16		
<b>Summer Session (6 weeks)</b>	<b>Credits</b>		
DH 261 Clinical Dental Hygiene 2	2		
DH 266 Local Anesthesia and Pain Control	2		
	4		
<b>Third Semester (Fall)</b>	<b>Credits</b>	<b>Fourth Semester (Spring)</b>	<b>Credits</b>
DH 258 Periodontics 2 & Advanced Clinical Techniques	2	DH 263 Clinical Dental Hygiene 4	5
DH 262 Clinical Dental Hygiene 3	5	DH 265 Law & Ethics in Dental Hygiene	1
DH 264 Community Dental Health	2		6
PSY 100 Survey of Psychology	(3)		
SOC 100 Survey of General Sociology	(3)		
	(6) 9		

*Note: DH graduates with baccalaureate goals are eligible for the UHWO BA in Public Administration - Health Care Administration concentration.*

### Early Childhood Education

The Early Childhood Education program is designed to prepare students to work with young children from birth to 5 and their families. The curriculum is organized around a core of courses that provide skills and knowledge needed by early childhood educators. This Associate in Science is accredited by the National Association for the Education of Young Children and articulates into the UH West Oahu Bachelor in Social Science, Early Childhood Education concentration. Students who have a current CDA (Child Development Associate) credential (without ECED 190 credit) may apply for 4 credits of ECED 193/194 *Early Childhood Field Experience 1A/1B* after taking 12 credits of UHMC courses. The student will receive “credit” and no grade for the class, per the policy *Credit for Non-Collegiate Instruction* in the UHMC General Catalog, p.80. See program coordinator to initiate the process.

☞ Contact the Program Coordinator, Julie Powers, at 984-3291 or by email at juliepow@hawaii.edu for a careful selection of courses.

#### Requirements for Certificates of Competence (CO)

**Preschool Child Development Associate: 9 credits**

ECED 105(3), 110(3), 131(3)

2.0 GPA required in courses taken for CO.

CO fulfills only the education part of CDA - see program coordinator.

**Early Childhood Education: 16 credits**

ECED 105(3), 110(3), 131(3), 140(3), 193 or 194(4),<sup>a</sup>

2.0 GPA required in CO courses & grade C or better in each course.

**Early Childhood Option: 12 credits from this list - For those with bachelor degrees in any field other than ECED or ElemEd.**

ECED 105(3), 110(3), 115(3), 131(3), 140(3), 193(4), 194(4), 245(3), 263(3), 264(3), 275(3), or 295(4)

2.0 GPA required in CO courses & grade C or better in each course.

#### Requirements for Certificate of Achievement (CA): 38 credits

ECED 105(3), 110(3), 115(3), 131(3), 140(3),

ECED 193 or 194(4)<sup>a</sup>, 245(3), 263(3), 264(3), 295(4)<sup>a</sup>

English 100(3)

Mathematics 100, 103, 115(UHWO requirement), or 112(UHM requirement)(3)

#### Requirements for Associate in Science (AS) Degree: 62-63 credits

All CA courses(38), plus:

ECED 170 or ECED elective(3)

Human Services 110(3)

Art 101 or MUS 253(3)

Communication 130, 145, or Speech 151(3)

HDFS 230 or PSY 240(3)

Humanities elective(3) - *HWST 107 recommended*

Natural Science elective(3-4) - *except PHYS 101*

English 210<sup>b</sup> or Global Multicultural Perspectives(FGA/B/C) or

Natural Science(3)

#### Full-time students would take courses in this sequence:<sup>d</sup>

Students are strongly recommended to meet with program coordinator to plan course sequence.

First Semester (Fall)	Credits	Second Semester (Spring)	Credits
*ECED 105 Introduction to Early Childhood Ed	3	*ECED 115 Health, Safety, Nutrition for the Young Child	3
*ECED 110 Developmentally Appropriate Practices	3	*ECED 140 Guiding Young Children in Groups	3
*ECED 131 Early Childhood Development	3	ECED 170 Working with Infants & Toddlers or ECED elective	3
*ENG 100 Composition I	3	ART 101 or MUS 253	3
Humanities elective - <i>HWST 107(3) recommended</i>	<u>3</u>	*MATH 100 or higher	<u>3</u>
	15		15
Third Semester (Fall)	Credits	Fourth Semester (Spring)	Credits
*ECED 193/194 Early Childhood Field Experience IA or IB <sup>a</sup>	4	*ECED 264 Inquiry and Physical Curriculum	3
*ECED 245 Child, Family, Community	3	*ECED 295 Early Childhood Field Experience II <sup>a</sup>	4
*ECED 263 Language & Creative Expression Curriculum	3	HDFS 230 Human Development or PSY 240	3
HSER 110 Introduction to Human Services	3	Natural Science elective	3-4
COM 130, 145 or SP 151	<u>3</u>	ENG 210 or (FGA/B/C) or Nat. Sci <sup>b</sup>	<u>3</u>
	16		16-17

\* Note: Courses required for the Certificate of Achievement.

<sup>a</sup> Note: Students may be required to obtain a physical or doctor's note, and to be fingerprinted, all at students' expense.

<sup>b</sup> Note: Students interested in a Bachelor of Education degree from UH Manoa may take a Global Multicultural Perspective or a Natural Science, instead of ENG 210.

<sup>c</sup> Note: SPED 304 strongly recommended for transfer to UH Manoa, Bachelor in Education PreK/SPED.



## Electronic & Computer Engineering Technology

The Electronic & Computer Engineering Technology (ECET) program provides students with the skills and knowledge required for entry level employment within the high-technology industry as electronic /electro-optic technicians, renewable energy technicians, telecom technicians, and network system administrators. Students learn fundamental engineering concepts, computer programming, mathematics, and physics relevant to a wide variety of industries on Maui. Training, equipment, and supplies are provided for 3-D printing and circuit board fabrication. Software applications for circuit simulation, CAD, finite element analysis, and microprocessor control are utilized. The program requires written and verbal proficiencies and emphasizes laboratory competencies. Internship and job placement opportunities in a variety of engineering technology positions are provided. The ECET program also includes a Certificate of Competence (CO) and Certificate of Achievement (CA) in Information Security Specialist. The ECET AS degree is the required lower division pathway to the Bachelor of Applied Science (BAS) in Engineering Technology (ENGT). Courses that are prerequisites to the BAS require grade C or better.

### Admission Process

Applications are reviewed on a first-come first-served basis. Complete all required steps: 1) Complete math and English placement tests (ECET courses require specific placement scores). 2) Contact Program Coordinator, Elisabeth Dubuit (edubuit@hawaii.edu, 984-3706) or Program Counselor Kulamanu Ishihara (vorhies@hawaii.edu, 984-3272) to schedule an application review session and create an academic plan of study.

👉 Contact Elisabeth Dubuit, at 984-3706 or by email at edubuit@hawaii.edu for more information.

### Requirements for Certificate of Competence (CO) in Information Security Specialist: 12 credits

*Prereq: ENG 22 and MATH 82, both with grade C or better (or placement to higher course); and consent.*

Information & Computer Science 101(3), 169(3), 171(3), 184(3)

### Requirements for Certificate of Achievement (CA) in Electronic & Computer Engineering Technology: 26 credits

Electronics 105(4), 106(4)

Mathematics 119(4)

Information & Computer Science 110(3), 111(4)

English 100(3)

Physics 105(4) - *Natural Science elective*

### Requirements for Certificate of Achievement (CA) in Information Security Specialist: 24 credits

*All CO Information Security Specialist courses(12) plus:*

English 100(3)

Information & Computer Science 281(3) and 282(3)

Mathematics 103 or 115(3)

### Requirements for Associate in Science (AS) in Electronic & Computer Engineering Technology: 60- 61 credits

*All CA courses(26), plus:*

Electronics 161(3), 201(4), 205(4), 210(3), 212(3), 296(3)

Communication elective(3) - *100 or above*

Electronics 193v(1), 293v(1)

English 210(3) or ENG 225(3) - *Humanities elective*

ETRO 140(4) - *may be substituted with ICS 184(3)*

Social Science elective(3) - *100 or above*

### Cohort takes courses in this sequence:

First Semester (Fall)	Credits	Second Semester (Spring)	Credits
*ETRO 105 Circuit Analysis I	4	*ETRO 106 Circuit Analysis II	4
*ICS 110 Intro to Computer Programming***	3	*ICS 111 Intro to Computer Science I	4
*ENG 100 Composition I	3	*PHYS 105 Principles of Technology	4
*MATH 119****	4	Communication elective - <i>100 or above</i>	<u>3</u>
Social Science elective - <i>100 or above</i>	<u>3</u>		15
	17		
Third Semester (Fall)	Credits	Fourth Semester (Spring)	Credits
ETRO 140 or ICS 184 Networking	3-4	ETRO 161 Intro Optics & Photonics	3
ETRO 193v Internship I	1	ETRO 205 Digital Computer Technology II	4
ETRO 201 Digital Computer Technology I	4	ETRO 212 Electronic Technology II	3
ETRO 210 Electronic Technology I	3	ETRO 293v Internship II	1
ENG 210 Research Writing** or ENG 225*****	<u>3</u>	ETRO 296 Special Projects in ECET	<u>3</u>
	14-15		14

*\*Note: Courses required for the Certificate of Achievement.*

*\*\*Note: Prerequisite to the BAS in Engineering Technology. Students not planning to pursue the BAS may see program advisor about another course.*

*\*\*\*Note: The prerequisite/corequisite for ICS 110 is ICS 101(recommended) or BUSN 150.*

*\*\*\*\*Note: MATH 135 and MATH 140 may be substituted for MATH 119.*

*\*\*\*\*\*Note: ENG 225 (Writing for Science & Technology) is recommended. It is also a prerequisite to the BAS in ENGT.*

## Fashion Technology

The Fashion Technology program provides comprehensive training in apparel production and fashion design required by entrepreneurs and businesses in the fashion industry. The program develops technical skills required for job entry, retraining for the garment industry, and upgrading of sewing and pattern making skills for those already employed in the field.

Laboratory activities promote the development of skills in designing, pattern drafting, and construction of basic and advanced apparel. The use of industry equipment and sewing techniques are demonstrated in group instruction. When special techniques and problems are encountered, students are given specialized instruction.

✋ Contact the Program Coordinator, Cheryl Maeda, at 984-3292 or by email at [maedache@hawaii.edu](mailto:maedache@hawaii.edu) for more information.

### Requirements for Certificates of Competence (CO):

**Seamstress: 12 credits**

Fashion Technology 25(3), 40(3), 113(3), 115(3)

**Dressmaker: 18 credits - Offered as needed**

Fashion Technology 60(3), 61(3), 113(3), 115(3),  
215(3), 216(3)

**Fashion-Fabric Salesperson: 12 credits**

Fashion Technology 40(3), 93v(3), 111(3), 113(3)

### Requirements for Certificate of Achievement (CA): 36 credits

Fashion Technology 25(3), 40(3), 111(3), 113(3), 115(3),  
215(3), 216(3), 217(3), and 90v/190v/290v(3)  
Fashion Technology 90v/190v/290v, or  
FT elective approved by program coordinator(3)

English 100 or 106(3)\*\*  
Business Technology 189 or Mathematics 100 or higher(3)\*\*\*

### Requirements for Associate in Applied Science (AAS) Degree: 60 credits

*All CA courses(36), plus:*

Accounting 124(3)  
Marketing 120, BUSN 150, or ICS 101(3)  
Business 125(3)  
BUS/COM 130, COM 145, or SP 151 or 251(3)

Humanities elective(3)  
Natural Science elective(3) - *except PHYS 101*  
Social Science elective(3)  
Fashion Technology or General Education elective(3)

### Full-time students would take courses in this sequence:

First Semester (Fall)	Credits	Second Semester (Spring)	Credits
*FT 111 Art and Design in Fashion	3	*FT 25 Ready-to-Wear Clothing Production	3
*FT 113 Clothing Construction Methods I	3	*FT 216 Fashion Design & Sketching	3
*FT 115 Clothing Construction Methods II	3	ACC 124 Principles of Accounting I	3
*MATH 100 or higher, or BUSN 189	3	BUS 125 Starting a Business	3
FT elective or General Education elective	<u>3</u>	*ENG 100 or 106	<u>3</u>
	15		15
Third Semester (Fall)	Credits	Fourth Semester (Spring)	Credits
*FT 40 Fabric Analysis	3	*FT 90v/190v/290v or FT elective	3
*FT 90v/190v/290v Special Topics	3	*FT 215 Flat Pattern Making I	3
MKT 120, BUSN 150, or ICS 101	3	*FT 217 Flat Pattern Making II	3
Natural Science elective	3	BUS/COM 130, COM 145, SP 151, or SP 251	3
Social Science elective	<u>3</u>	Humanities elective	<u>3</u>
	15		15

\* Note: Courses required for the Certificate of Achievement.

\*\* Note: ENG 22 may be substituted for the Certificate of Achievement for those not going on for the AAS degrees.

\*\*\* Note: MATH 75X/82 may be substituted for the Certificate of Achievement for those not going on for the AAS degrees.

## Hospitality & Tourism

The mission of the Hospitality & Tourism program is to prepare students for effective work performance and leadership in the hospitality industry through learning experiences that emphasize Hawaiian culture, multicultural “global” awareness, sustainability, an ethical decision making. Accredited by the Accreditation Commission for Program in Hospitality Administration (ACPHA), the program is organized with a core of courses focusing on various aspects of the hotel industry, enveloped by a variety of business and general education courses to broaden the students’ background and enhance employability.

Students planning to transfer to baccalaureate degree programs should see a counselor about the requirements for entrance to these programs. A grade of C or better in HOST courses is required for the CO, CA, and AAS degree. A minimum 2.0 GPA is required.

☞ Contact the Program Coordinator, Dr. Liping Liu at 984-3328 or by email at LipingL@hawaii.edu for more information.

### Certificate of Competence (CO): 12 credits

Hospitality & Tourism 100(3), 150(3), 152(3), and 154(3)

### Certificate of Achievement (CA): 33 credits

All CO courses (12) plus

Hospitality & Tourism 101(3)

Hospitality & Tourism 293 or 294(3)

Management 124(3)

Hawaiian Studies 100BCD(3) - *Humanities*

Information & Computer Science 101(3)

English 100(3)

MATH 115 recommended, or MATH 103, or 135(*or higher*) (3)

### Requirements for Associate in Applied Science (AAS) Degree: 63 -64 credits

All CA courses (33) plus

Hospitality & Tourism 258(3), 280(3)

Hospitality & Tourism 260 or Business Law 200(3)

Hospitality & Tourism 261 or Economics 131(3)\*\*\*

Accounting 201(3), 202(3)

Business 130 or Speech 151(3)

Economics 130(3)

Natural Science elective and Lab\*\*(3-4)

English 209(3)

#### First Semester (Fall)

	Credits
*HOST 100 Career & Customer Service Skills	3
*HOST 101 Intro to Hospitality & Tourism	3
*HOST 150 Housekeeping Operations	3
*HOST 154 Food & Beverage Operations	3
*ENG 100 Composition I	<u>3</u>
	15

#### Second Semester (Spring)

	Credits
*HOST 152 Front Office Operations	3
*MGT 124 Human Resources Management	3
*ICS 101 Digital Tools for the Information World	3
*HWST 100BCD Intro to Hawaiian Culture - <i>Humanities</i>	3
*MATH 115 Intro to Statistics & Probability ( <i>recommended</i> ), or MATH 103, or 135 (or higher)	<u>3</u>
	15

#### Summer Session

*HOST 290 Hospitality and Tourism Internship, or HOST 294 Hospitality Internship Abroad	3
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#### Third Semester (Fall)

	Credits
HOST 258 Hospitality Marketing	3
ACC 201 Intro to Financial Accounting	3
ECON 130 Principles of Economics: Microeconomics	3
ENG 209 Business and Managerial Writing	3
BUS 130 Business Communications - Oral or SP 151 Personal & Public Speech	<u>3</u>
	15

#### Fourth Semester (Spring)

	Credits
HOST 260 Hospitality Law or BLAW 200	3
HOST 261 Event Management or ECON 131***	3
HOST 280 Hospitality Management	3
ACC 202 Intro to Managerial Accounting	3
Natural Science elective and Lab**	<u>3-4</u>
	15-16

\*Note: Courses required for the Certificate of Achievement.

\*\*Note: Bachelor degree-seeking students are recommended to take both Natural Science Lecture and Lab courses.

\*\*\*Note: ECON 131 is the recommended elective for Bachelor degree-seeking students.

## Human Services

The Human Services program prepares graduates to enter the social service workforce with the professional attitudes, skills, and knowledge necessary to succeed. The program also provides specialized academic certificates for majors and those in the workforce seeking advancement in their field of specialization. The AS in Human Services with the Certificates of Competence in Substance Abuse Counseling I and II fulfill the Dept. of Health, Alcohol and Drug Abuse Division (ADAD) educational requirements for Certified Substance Abuse Counselor (CSAC). These certificates also qualify for 2000 of the 6000-hour fieldwork requirement for CSAC. *Human Services majors are required to earn a letter grade of C or better (or credit-by-exam) for each HSER and CHW course.*

☞ Contact the Program Coordinator, Selene LeGare, at 984-3338 or by email at [slegare@hawaii.edu](mailto:slegare@hawaii.edu) for a careful selection of courses.

**Requirements for Certificates of Competence (CO):** *Minimum C grade or better required in each course taken for CO.*

<b>Aging: 9 credits</b>	Human Services 145(3), 101 or 248(3), 194 or 294(3)
<b>Case Management: 9 credits</b>	Human Services 140(3), 248(3), 194 or 294(3)
<b>Dynamics of Family Violence: 9 credits</b>	Human Services 140(3), 245(3), 256(3)
<b>Substance Abuse Counseling I: 9 credits<sup>a</sup></b>	Human Services 140(3), 268(3), 194(3) <sup>a</sup>
<b>Substance Abuse Counseling II: 9 credits<sup>a</sup></b>	Human Services 245(3), 270(3), 294(3) <sup>a</sup>
<b>Youth Development Practitioner: 9 credits</b>	Human Services 130(3), 140 or 248(3), 256(3)

**Community Health Worker/ Health Navigator I (CO): 15 credits**

This certificate prepares individuals to work in health/human service settings to: provide culturally appropriate health promotion & outreach services, mediate between communities and health/human service systems, assure access to healthcare, and build individual and community capacity.

HSER 101(3), 140(3), 248(3), and 194 or 294(3)<sup>a</sup> CHW 135(3)

**Requirements for Certificate of Achievement (CA): 30 credits**

Human Services 110(3), 140(3), 194(3), and 248(3)	English 100(3) - FW
Psychology 100(3) - DS	Mathematics 100, 103 <sup>b</sup> , 112, 115 <sup>b</sup> , or Philosophy 110(3) <sup>c</sup>
Sociology 100(3)	HSER/CHW Specialization electives(6) <sup>d</sup>

**Requirements for Associate in Science (AS) Degrees: 60-62 credits**

<i>All CA courses(30), plus:</i>	POLS elective or ENG 210(3) <sup>e</sup>
Human Services 294(3)	HSER/CHW Specialization elective(3) <sup>d</sup>
HDFS 230 or PSY 240(3) <sup>e</sup>	Natural Science elective(3-4) <sup>e</sup> - FSHN 285 recommended (DB)
Hawaiian Studies 107(3)	Natural Science elective(4) - (DP/DY)
COM 130 (DA), COM 145 (DS), or SP 151(3) <sup>e</sup>	Global Multicultural Perspectives electives(6) - (FG)

**Full-time students would take this sequence:**

First Semester (Fall)	Credits	Second Semester (Spring)	Credits
COM 130, COM 145, or SP 151 <sup>e</sup>	3	*SOC 100 Survey of General Sociology	3
*HSER 110 Intro to Human Services	3	*HSER 248 Case Management	3
*HSER 140 Intro to Counseling & Interviewing	3	*HSER/CHW Specialization elective <sup>d</sup>	3
*ENG 100 Composition I	3	*PSY 100 Survey of Psychology	3
Global Multicultural Perspectives elective	3	*MATH 100, 103 <sup>b</sup> , 112, 115 <sup>b</sup> , or PHIL 110 <sup>c</sup>	3
	15		15
Third Semester (Fall)	Credits	Fourth Semester (Spring)	Credits
*HSER 194 Seminar & Fieldwork I	3	HSER 294 Seminar & Fieldwork II	3
*HSER/CHW Specialization elective <sup>d</sup>	3	HSER/CHW Specialization elective <sup>d</sup>	3
HDFS 230 or PSY 240 <sup>e</sup>	3	Natural Science elective - FSHN 285 recommended <sup>e</sup>	3-4
HWST 107 Hawaii: Center of the Pacific	3	POLS elective or ENG 210 <sup>e</sup>	3
Natural Science elective	4	Global Multicultural Perspectives elective	3
	16		15-16

\*Note: Courses required for the Certificate of Achievement.

<sup>a</sup>Note: All Certificates of Competence require practicum placements in agencies/programs providing client services in the area of specialization, e.g., Substance Abuse Counseling CO I and II require placements in substance abuse programs and work with clients on the 12 Core Functions of a substance abuse counselor. If student has completed HSER 194, take HSER 294.

<sup>b</sup>Note: MATH 103 or 115 is strongly recommended for transfer to UHWO Social Science programs.

<sup>c</sup>Note: PHIL 110 is strongly recommended for transfer to UH Manoa Bachelor of Social Work. Students using PHIL 110 must complete MATH 82 with grade C or better or place at the MATH 100 level in order to graduate.

<sup>d</sup>Note: HSER/CHW electives related to students' specialization or occupational interest as determined with program coordinator.

<sup>e</sup>Note: Course selection may depend on transfer degree selection. See Academic Counselor to determine.

## Nursing Career Ladder

The UHMC Associate in Science Nursing (ASN) Program is part of the Hawaii Statewide Nursing Consortium (HSNC) that provides transfer to the Registered Nurse (RN) to Bachelor of Science in Nursing (BSN) pathway at UH Manoa (UHM) or UH Hilo (UHH). UHMC students who successfully complete the required ASN degree courses and complete the required RN to BSN pre-admission requirements will be admitted to UHM or UHH for the RN-BSN program. RN to BSN courses are offered on the UHMC campus. There are also options to exit at the Practical Nurse level (Certificate of Achievement) and the Registered Nurse level (Associate in Science Nursing). For more information, students are encouraged to schedule an academic advising session by calling (808) 984-3306.

Health care students are required to complete University prescribed academic requirements that involve clinical practice in a University affiliated health care facility setting with no substitution allowable. *Failure of students to complete the prescribed clinical practice shall be deemed as not satisfying academic program requirements.* Students are responsible to satisfactorily complete affiliated health care facility background checks and drug testing requirements in accordance with procedures and timelines as prescribed by the affiliated health care facility. Per UH Board of Regents policy, priority for admission is given to fully qualified State of Hawaii residents as determined by the registrar for tuition purposes. **For the most current information about UHMC's Nursing program admission and curriculum, visit the UHMC website at: [www.maui.hawaii.edu/nursing/](http://www.maui.hawaii.edu/nursing/).**

- **Practical Nurse – Certificate of Achievement (CA):** PN graduates with the CA are prepared to work under the supervision of a registered nurse or physician in hospitals, extended care facilities, private nursing agencies, home health agencies, clinics, and physician offices.
- **Registered Nurse – Associate in Science Nursing (ASN):** RN graduates with the ASN degree are prepared for beginning level positions in hospitals, extended care facilities, clinics, physician offices, private nursing agencies, and home health agencies.
- **Registered Nurse – Bachelor of Science in Nursing (RN-BSN):** RN graduates with a BSN degree are prepared as generalist professional nurses to deliver care in a variety of health care settings.

### Nursing Career Ladder Admission Process

For admission to the UH Maui College Nursing Program, complete all steps outlined below by January 31 for the Practical Nurse Pathway Spring Admission, and for the Registered Nurse Program Fall Admission. Application is available online at [www.maui.hawaii.edu/nursing/](http://www.maui.hawaii.edu/nursing/). Admission to UH Maui College does not guarantee admission to the Nursing program. Applicants who are accepted are notified of current health requirements for the program at the time of acceptance. Applicants not selected are encouraged to seek academic advising to re-evaluate their academic plan.

- Apply to UH Maui College. Send official transcripts from previous colleges (outside of the University of Hawaii system) to “Admissions & Records Office, UH Maui College.” Submit a Transcript Evaluation Request Form (see forms under Admissions & Records webpage) to the UHMC Admissions & Records Office.
- Selection for the Nursing program is competitive. Criteria includes grades in the following prerequisite courses Complete ENG 100(3); MATH 100, 103, or 115(3); HDFS 230 or PSY 240(3); Humanities elective(3); MICR 130(3); and PHYL 141/141L(3,1) and 142/142L(3,1); score at “Proficient” level on the Test of Essential Academic Skills (TEAS) test. It is also recommended to obtain health care experience (nurse aide preferred).

MICR 140 is not required but 1-point is awarded toward selection. In the event students have the same points in the Program Application, the student with the highest pre-requisite GPA will be offered admission to the program. View the Nursing website at [www.maui.hawaii.edu/nursing/](http://www.maui.hawaii.edu/nursing/) for necessary details.

**PN Pathway Only:** Students that complete the PN Pathway have the options of returning to complete the RN degree program. PN graduates interested in admission into the RN program are required to obtain licensure as a Practical Nurse, paid experience working as a Licensed Practical Nurse (LPN) in the community for one year, completion of NURS 211, NURS 212, and PHRM 203, and re-take of NURS 230 Clinical Immersion I with a grade of B or better. All requirements must be met to qualify for admission to the RN program. Successful completion of the RN program will result in the student obtaining the Associate in Science Nursing (ASN) degree.

### Allied Health course repeat policy for PN/RN Admission

- Courses may be repeated twice to raise a grade. Of the three times that the course has been taken, the higher grade will be utilized. Only grades in the first three attempts will be considered for admission to the nursing program.
- The science courses, ZOOL 141 & 142 (revised PHYL 141 and 142) (3 credits-lecture and lab) and Microbiology 130 (3 credit lecture), have a 10-year time limit, which must be completed within the last 10 years prior to the application deadline.

☞ Contact the Allied Health Chair, Anne Scharnhorst, at 808-984-3646, or by email at [annes@hawaii.edu](mailto:annes@hawaii.edu) for information.

Many students follow this suggested course sequence:

**General Education (G.E.) Requirements: 23 credits**

Hawaii Statewide Nursing Curriculum (HSNC) General Education Course Checklist Graduation Requirement Form can be downloaded from: <http://maui.hawaii.edu/nursing>. For required BSN courses via UHMC, see UHMC Advisor and/or Nursing website.

Semester (Fall)	Credits	Semester (Spring)	Credits
*PHYL 141 & 141L Human Anat & Physiology I & Lab	3,1	*HDFS 230 Human Development ^^	3
*ENG 100 Composition I	3	*PHYL 142&142L Human Anatomy & Physiology II & Lab3,1	3
*MATH 100, 103, or 115^	3	*MICR 130 General Microbiology	3
	10	*Arts, Humanities, Lit - Humanities (DA/DH/DL for BSN)	3
			13

**Certificate of Achievement (CA) Degree: 53 credits**

All G.E. courses for CA(23), plus:

First Semester (Fall)	Credits	Second Semester (Spring)	Credits
*NURS 210 WI-Health Promotion Across the Life Span	9	*NURS 220 Health and Illness I	10
*NURS 211 Professionalism in Nursing I	1	*PHRM 203 General Pharmacology	3
*NURS 212 Pathophysiology	3		13
	13		

  

Third Semester (Summer)	Credits
*NURS 230 Clinical Immersion I	4
<i>CA graduates take NCLEX-PN for licensure</i>	

**Associate in Science (AS) Degree: 73 credits**

All CA courses(53), plus:

Fourth Semester	Credits	Fifth Semester	Credits
NURS 320 Health & Illness II: Family Health	10	NURS 360 WI-Health & Illness III	9
		NURS 362 Professionalism in Nursing II	1
			10
		<i>AS graduates take NCLEX-RN for licensure</i>	

\*Note: Required for CA.

^Note: MATH 115 is required for UH-Manoa Bachelor of Science in Nursing (BSN).

Students who take Statistics from another college will be required to also take MATH 100, 103, or another Symbolic Reasoning course.

^^Note: PSY 240 may be substituted.

👉 The Nursing Program is accredited by the Accreditation Commission for Education in Nursing (ACEN), 343 Peachtree Road NE, Suite 850, Atlanta, Georgia 30326, phone: 404-975-5000, email: [info@acenursing.org](mailto:info@acenursing.org), online: [www.acenursing.org](http://www.acenursing.org).

**Nursing Career Ladder - Health-Related Certificate Programs . . . continued from preceding page**

Under the umbrella of the Nursing Career Ladder are Certificates enabling individuals to gain the education and training needed for entry to various nursing-related professions. Grade C or better is required in all courses for a certificate or degree in Allied Health, unless stipulated otherwise.

✋ Contact the Allied Health department chair, Anne Scharnhorst, at 984-3250, or by email at [annes@hawaii.edu](mailto:annes@hawaii.edu) for information.

**Nurse Assistant (CO): 6 credits**

Prepares individuals to work in hospitals, extended care facilities, private nursing agencies, and home health agencies under supervision of an LPN or RN. Graduates are eligible to take the Certification Examination.

Nursing 100(6) Nurse Assistant (*This course takes one semester; there is no selection process.*)

*Prerequisite: ENG 19 with grade C or better or placement at least ENG 22.*

**Community Health Worker/Health Navigator I (CO): 15 credits\*** *See curriculum on Human Services program map.***Medical Office Specialist I (CO):** *See curriculum on Business Technology program map.***Pharmacy Technician (CO): 22 credits**

Prepares individuals as pharmacy technicians. Includes preparation for National Certification Exam as a Pharmacy Technician.

Grade C or better is required in all courses for the certificate, except in PHRM 192V, the work practicum, which is credit/no credit.

First Semester	Credits	Second Semester	Credits
BIOL 100 Human Biology	3	PHRM 106 Introduction to Pharmacy Technology	3
HLTH 125 Survey of Medical Technology	1	PHRM 107 Pharmacology and Treatment of Diseases	3
BUSN 150 Introduction to Business Computing, or ICS 101 Digital Tools for the Information World	3	PHRM 109 Pharmacology Calculations	1
MATH 75X Introduction to Mathematical Reasoning	3		7
ENG 22 Introduction to Composition	<u>3</u>	Third Semester	Credits
	13	PHRM 192v Work Practicum**	2

\*\*PHRM 192v Work Practicum requires a drug test and criminal background check.

