

UNIVERSITY OF HAWAI'I
CODE REQUEST FORM FOR ACADEMIC PROGRAM CODES

REQUESTOR CONTACT INFORMATION	
Date:	Effective term of request (Semester-Year):
Name:	Title:
Campus:	Office/Department:
Phone:	Email:

1. PROGRAM CODE, MAJOR CODE, CONCENTRATION CODE		Banner forms: SMAPRLE, SOACURR, STVMAJR
Institution:	College:	Department:
<input type="checkbox"/> New program code <input type="checkbox"/> Change/replace existing program code:		
Level: <input type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate <input type="checkbox"/> First-Professional <input type="checkbox"/> Post-Baccalaureate <input type="checkbox"/> Other:		
Degree:	Certificate:	
If requesting an existing Major code and/or Concentration code in Banner:		
Existing Major:	Existing Concentration:	
<small>Code</small>	<small>Description</small>	<small>Code</small>
		<small>Description</small>
If requesting a new <input type="checkbox"/> Major code or <input type="checkbox"/> Concentration code that does not exist in Banner:		
New Code [4 char/space limit]:	Description [30 char/space limit]:	
If a similar major/concentration code exists in Banner, please list the code:		
Is this major/concentration code being used the same way at other UH campuses?		
Is 50% or greater of the classes in this program offered at a location other than the Home Campus? <input type="checkbox"/> Yes <input type="checkbox"/> No <small>(Please consult your Financial Aid Officer on Program Participation Agreement impact)</small>		
Is this program/major/certificate financial aid eligible? <input type="checkbox"/> Yes <input type="checkbox"/> No <small>(Financial Aid Officer consultation required for all new program codes)</small>		
Should this program be available for applicants to select as their planned course of study on the online application? <input type="checkbox"/> Yes <input type="checkbox"/> No <small>(If yes, students may select the code as their <u>only</u> program of study.)</small>		

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Replacing or eliminating an existing program code:

If replacing an existing program code, are current students "grandfathered" under the old code? Yes No

Should the old program code be available for use in Banner? Yes No

Will the old program code be available for:	Banner Module	Yes	No	Ending Term (Semester-Year)
	Online Application	<input type="checkbox"/>	<input type="checkbox"/>	_____
	Recruitment	<input type="checkbox"/>	<input type="checkbox"/>	_____
	Admissions	<input type="checkbox"/>	<input type="checkbox"/>	_____
	General Student	<input type="checkbox"/>	<input type="checkbox"/>	_____
	Academic History	<input type="checkbox"/>	<input type="checkbox"/>	_____

2. CERTIFICATES ONLY:

Does this certificate qualify as a Gainful Employment Program (Title IV-eligible certificate program)? Yes No

(Please consult your Financial Aid Officer or see: <http://www.ifap.ed.gov/GainfulEmploymentInfo/index.html>)

For new certificates approved by the Chancellor, the related BOR authorized academic program is:

3. NEW CAMPUS, COLLEGE, DIVISION, OR DEPARTMENT CODE

Banner forms: STVCAMP, STV_COLL, STVDIVS, STVDEPT

Campus code [3 char]:	Campus description [30 char/space limit]:
College code [2 char]:	College description [30 char/space limit]:
Division code [4 char/space limit]:	Division description [30 char/space limit]:
Department code [4 char/space limit]:	Department description [30 char/space limit]:

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4. NEW COURSE SUBJECT CODE (Subject Alpha)		Banner form: STVSUBJ
College:	Department:	
Subject code [4 char/space limit]:	Subject description [30 char/space limit]:	

5. NEW MINOR (Minor codes are listed on the Major code table)		Banner form: STVMAJR
Minor Code [4 char/space limit]:	Minor Description [30 char/space limit]:	

Please briefly describe your request and explain why you are requesting the code(s):

SUPPORTING DOCUMENTATION
<p>Please see the Code Request Guide for the required supporting documents to be submitted. Documents submitted with this form:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Board of Regents meeting minutes and supporting documents provided to the BOR <input type="checkbox"/> Memo from UH President <input type="checkbox"/> Memo from Chancellor <input type="checkbox"/> Curriculum (required for requests for new programs/majors/minors/certificates) <input type="checkbox"/> Gainful Employment Program notification to the US Department of Education <input type="checkbox"/> Other: _____

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CAMPUS VERIFICATION		
Requestor Signature	<u><i>Kate W...</i></u>	Date <u>5/14/2013</u>
Registrar (if different from Requestor)	<u>Grant Helgeson</u>	<u><i>[Signature]</i></u>
Print name	Signature	Date <u>5/15/13</u>
Email/memo in lieu of Registrar's signature may be attached		
Financial Aid Officer (Financial Aid Officer consultation required for all new program codes)	<u>Aileen Lum-Akane</u>	<u><i>[Signature]</i></u>
Print name	Signature	Date <u>5/16/13</u>
Email/memo in lieu of Financial Aid Officer's signature may be attached		
For Community Colleges, verification of consultation with OVPCC Academic Affairs:		
<u>Suzette Robins</u>	<u><i>[Signature]</i></u>	<u>6/4/13</u>
Print name	Signature	Date
Email/memo in lieu of signature may be attached		

Send completed form and supporting documentation to:
 Institutional Research and Analysis Office (IRAO)
 1633 Bachman Place Email: iro-mail@lists.hawaii.edu
 Sinclair Annex 2, Room 4 Fax: 808-956-9870
 Honolulu, HI 96822 Phone: 808-956-7532

After all required forms and supporting documents have been submitted, please allow at least two weeks for processing by IRAO and Banner Central:


FOR INTERNAL USE ONLY	Date form/docs received:
Program code [12]:	Program Description [30]:
CIP code [6]:	CIP description [30]:




April 17, 2013

MEMORANDUM

TO: Linda Johnsrud
Office of the Executive Vice President for Academic Affairs/Provost

VIA: Michael Pecsok 
Vice Chancellor for Academic Affairs

FROM: Manuel J. Cabral 
Chancellor

SUBJECT: Curriculum Approval

I have approved the following program modifications on 4/12/13. The modifications are effective Fall 2013. The approvals can be found at: <http://curriculumcentral.its.hawaii.edu:8080/central/core.cas.jsp>

Associate in Arts (AA) – Liberal Arts
Associate in Applied Science (AAS) – Automotive Technology
Associate in Applied Science (AAS) – Culinary Arts
Academic Subject Certificate (ASC) – Community Food Service
Academic Subject Certificate (ASC) – Hawaiian Studies
Academic Subject Certificate (ASC) – Plant Biology and Tropical Agriculture
Academic Subject Certificate (ASC) – TIM

Attachments

c Division Chairs
James Goodman
Ron Umehira
Della Anderson
Alicia Brown
Candy Hochstein
Blake Hunrick
Michael Lane
Pearl Imada-Iboshi

Degree: Associate in Arts

Title: Liberal Arts

Description: The two-year liberal arts degree, consisting of at least 60 semester credits, entirely at the baccalaureate level (100 level and above), which provides students with skills and competencies essential for successful completion of a baccalaureate degree.

Effective Date: Fall 2013

Program Modifications:

Updated outline's effective date.

Updated mission statement

The AA Liberal Arts degree helps the college to meet these principles from the 2012-2013 Leeward Mission Statement:

- Nurture and inspire all students.
- Help students to attain their goals through high-quality liberal art education.
- Help students to attain their goals through high-quality career and technical education.
- Foster students to become responsible global citizens locally, nationally, and internationally.
- Advance the educational goals of all students with a special commitment to Native Hawaiians.

Updated diversification courses

The following academic skill standards for critical thinking, technology and information literacy, oral communication, quantitative reasoning, and written communication represent the minimum outcomes expected of students who have completed their general education experiences. Each course included in the general education curriculum should address at least one of these academic skill standards.

Critical Thinking

Students should be able to:

1. Identify and state problems, issues, arguments and questions contained in a body of information.
2. Identify and analyze assumptions and underlying points of view relating to an issue or problem.
3. Evaluate a problem, distinguishing between relevant and irrelevant facts, opinions and assumptions through the use of appropriate evidence.
4. Synthesize information from various sources, drawing appropriate conclusions.
5. Demonstrate fundamental concepts intrinsic to aesthetic appreciation.
6. Demonstrate the understanding of the relationship between cause and effect.

Technology and Information Literacy

Students should be able to:

1. Identify and define an information need.
2. Access information effectively and efficiently
3. Make informed choices about technology.
4. Evaluate information and its sources for accuracy and authenticity.
5. Incorporate information into their knowledge base to accomplish a specific purpose.
6. Collect and present information ethically and legally, with an understanding of socio-economic issues.

Oral Communication

Students should be able to:

1. Identify and analyze the audience and purpose of any intended communication.
2. Gather, evaluate, select, and organize information for the communication.
3. Use language, techniques, and strategies appropriate to the audience and occasion.
4. Speak clearly and confidently, using the voice, volume, tone, and articulation appropriate to the audience and occasion.
5. Summarize, analyze, and evaluate oral communications and ask coherent questions as needed.
6. Use competent oral expression to initiate and sustain discussions.

Quantitative Reasoning

Students should be able to:

1. Apply numeric, graphic, and symbolic skills and other forms of quantitative reasoning accurately and appropriately.
2. Demonstrate mastery of mathematical concepts, skills, and applications, using technology when appropriate.
3. Communicate clearly and concisely the methods and results of quantitative problem solving.
4. Formulate and test hypotheses using numerical experimentation.
5. Define quantitative issues and problems, gather relevant information, analyze that information, and present results.
6. Assess the validity of statistical conclusions.

Written Communication

Students should be able to:

1. Use writing to discover and articulate ideas.
2. Identify and analyze the audience and purpose for any intended communication.
3. Choose language, style, and organization appropriate to particular purposes and audiences.
4. Gather information and document sources appropriately.

5. Express a main idea as a thesis, hypothesis, or other appropriate statement.
6. Develop a main idea clearly and concisely with appropriate content.
7. Demonstrate mastery of the conventions of writing, including grammar, spelling, and mechanics.
8. Demonstrate proficiency in revision and editing.
9. Develop a personal voice in written communication.

Arts, Humanities, Natural Sciences, and Social Sciences

Students should be able to:

1. Participate in intellectual and aesthetic pursuits, which encourage a creative and self-fulfilling existence.
2. Understand the humanities as a collection of disciplines that study human nature, culture, attitudes, and accomplishments.
3. Analyze the various attempts to explore the ethical and fundamental questions of life.
4. Understand basic, general scientific laws, theories, concepts, and terminology from the biological and physical sciences, including their origins and universality.
5. Use scientific laws, theories, concepts, mathematics, and data sufficiently well to determine the validity of experimental procedures, devise experiments to test hypotheses, and interpret results of experimentation.
6. Understand the scientific method, and that experimental results used to support theories, concepts, and laws must be repeatable.
7. Possess the knowledge and ability to use the tools of science.
8. Understand the scientific nature of the social sciences.
9. Describe the alternative theoretical frameworks used to explain social phenomena.
10. Analyze select units of the social sciences using various analytical or theoretical models: social interactions, individuals, families, organizations, communities, spatial relations (geography), economies, governments, cultures, or societies.

General Education Core and Graduation Requirements

The General Education Core and Graduation requirements develop a deeper appreciation of the complexities and potentialities of the human experience from the perspectives of the arts, humanities, and the social and natural sciences while encouraging an understanding of imagination and creativity through the application of abstract and intuitive thinking.

Upon graduation, students will be able to:

- appreciate the values and ideas of cultures as they have evolved and as they find expression in literature, history, philosophy, religion, art, and music;
- reason and analyze effectively;
- communicate clearly and effectively in Standard English;
- know the aims and methods of science;
- recognize the ways in which humans organize and how social institutions shape human behavior.

Rationale for General Education Requirements

General education provides students the opportunity to develop understandings, abilities, values, and attributes which enable them to apply their knowledge, skills, and talents to make judicious decisions and to analyze and solve human problems within a multi-cultural community.

General education is that part of education, which encompasses the common knowledge, skills, and attitudes, needed by each individual to be effective as a person, a family member, a worker, and a citizen. General education is integrated with, but different in emphasis and approach from special training for a job or a profession. Further, general education for the vocational-technical associate degree student should not be confused with liberal education for a baccalaureate student. General education should allow a student to gain a more integrated view of knowledge, a more realistic view of life and a more defined sense of community and social responsibility. Because of the belief that knowledge leads to actions, students should be actively engaged in learning. This holistic point of view provides the student a foundation of lifelong learning in a changing world.

Curriculum Organization and Degree Requirements

There are two components to the General Education requirements: Core requirements and Graduation requirements. Core requirements include Foundations and Diversification. Graduation requirements include Focus and Oral Communication requirements.

Core Requirements: Foundations and Diversification

Foundations Requirements: 12 credits

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

Written Communication (FW): 3 credits

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

Approved FW courses are listed below

Symbolic Reasoning (FS): 3 credits

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

Approved FS courses are listed below

Global and Multicultural Perspectives (FG): 6 credits

Global and Multicultural Perspectives courses provide thematic treatments of global processes and cross-cultural interactions from a variety of perspectives. Students will gain a sense of human development from prehistory to modern times through consideration of narratives and artifacts of and from diverse cultures. At least one component of each of these courses will involve the indigenous cultures of Hawai'i, the Pacific, or Asia.

To satisfy this requirement, students must take six credits; the six credits must come from two different groups.

Approved FG courses are listed below

Diversification Requirements: 19 credits

The Diversification requirement is intended to assure that every student has a broad exposure to different domains of academic knowledge, while at the same time allowing flexibility for students with different goals and interests.

To enroll in a course that meets the Diversification requirement, students must first meet the prerequisites, if any. Some courses that satisfy the Diversification requirement may also simultaneously satisfy Focus requirements. (See a counselor for "Requirements that may be Double-Dipped.") Approved courses are identified below. They are also indicated by the following letters after the course description:

- DA = Arts
- DB = Biological Science

- DH = Humanities
- DL = Literatures
- DP = Physical Science
- DS = Social Science
- DY=Science Laboratory

Arts, Humanities, and Literatures (DA, DH, DL): 6 credits

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

Approved DA, DH, and DL courses are listed below

Social Sciences (DS): 6 credits

To satisfy this requirement, students must take six credits from two different disciplines. Approved courses are identified in the Leeward catalog with the letters "DS" after the course description.

Approved DS courses are listed below

Natural Sciences (DB, DP, DY): 7 credits

Designations are: "DB" for Biological science courses, "DP" for physical science courses and "DY" for laboratory courses.

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

Approved DB, DP, and DY courses are listed below

Graduation Requirements

Focus Requirements

The Focus requirements identify important additional skills and discourses necessary for living and working

in diverse communities. Only Focus courses taken after they have received official designation can count as meeting the Focus requirement. Focus courses are not shown in this Catalog but appear in each semester's Class Availability listing. Because the approved Focus courses may change each semester, students should consult the College's up-to-date online course listing before they register.

Hawaiian, Asian, and Pacific Issues (HAP): 1 course

These courses focus on issues in Hawaiian and Asian or Pacific cultures and history; they promote cross-cultural understanding between nations and cultures. Courses fulfilling this requirement are offered in departments across the curriculum. Approved sections are identified in the College's Class Availability with an "HAP"; offerings vary each semester.

Writing Intensive (WI): 2 courses

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

Oral Communication (OR): 3 credits

Students receive training in oral delivery and give individual and group oral reports. Courses fulfilling this requirement are offered in disciplines across the curriculum. Oral Communication is a Leeward Community College requirement. It is not the same as UH Manoa's "O" requirement.

Approved courses are listed below

Foundation Requirements 12 credits

Written Communication (FW) 3 cr.

ENG 100 Composition I

ENG 100E Composition I (for non-native speakers of English)

Symbolic Reasoning (FS) 3 cr.

ICS 141 Discrete Math for Computer Sci
ICS 241 Discrete Math for Computer Sci II
MATH 100 Survey of Mathematics

MATH 103 College Algebra
MATH 112 Math for Elem. Teachers II
MATH 135 Pre-Calculus: Elem. Functions
MATH 140 Pre-Calc: Trig & Anal Geometry
MATH 140X Accelerated Pre-Calculus
MATH 203 Calculus for Bus. & Soc Sciences
MATH 205 Calculus I
PHIL 110 Intro to Logic

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

Group A:

ANTH 151 Emerging Humanity
ART 175 Survey of Global Art I
HIST 151 World Civilizations I

Group B:

ART 176 Survey of Global Art II
HIST 152 World Civilizations II
ANTH 152 Global Perspectives on Humanity

Group C:

GEOG 151 Geography & Contemporary Society
MUS 107 Music in World Cultures
REL 150 Intro to the World's Major Religions

Diversification Requirements 19 credits

Arts, Humanities, and Literature 6 cr.

6 total credits required, one course from two separate sub-categories. Each course must be taken from a different discipline.

Diversification Arts (DA)

(Mainly Theory)

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

(Mainly Practice)

ART 104 Intro to Printmaking
ART 104D Intro to Printmaking Screenprinting
ART 105B Intro to Ceramics: Handbuilding
ART 105C Intro to Ceramics: Wheel Throwing
ART 107 Intro to Photography
ART 107D Intro to Digital Photography
ART 112 Digital Art
ART 113 Basic Drawing
ART 113D Intro to Computer Drawing

ART 114 Introduction Color
ART 115 Intro to Design - 2D
ART 116 Introduction to Sculpture
ART 123 Intro to Painting
ART 202 Digital Imaging
ART 213 Inter. Drawing
ART 243 Inter. Ceramics, Hand Building
ART 244 Inter. Ceramics, Wheel Throwing
DNCE 121 Beginning Ballet
DNCE 131 Modern Dance I
DNCE 132 Modern Dance II
DNCE 180 Dance Production
DRAM 221 Beg. Acting I
DRAM 222 Beg. Acting II
DRAM 240 Basic Stagecraft
DRAM 260 Dramatic Production
MUS 103 Guitar Ensemble I
MUS 104 Beginning Jazz Ensemble
MUS 112 Hawaiian Ensemble I
MUS 113 Hawaiian Ensemble II
MUS 114 College Chorus
MUS 121B Beginning Voice Class
MUS 121C Beginning Piano Class I
MUS 121D Classic Guitar I
MUS 121E Folk Guitar I
MUS 121F Slack Key Guitar
MUS 121Z 'Ukulele
MUS 122B Intermediate Voice Class
MUS 122C Beginning Piano Class II
MUS 122D Classic Guitar II
MUS 122E Folk Guitar II
MUS 122F Slack Key Guitar
MUS 122Z 'Ukulele II
MUS 180 Aural Perception and Notation
MUS 201 Vocal Ensemble:
MUS 221B Advanced Voice Class
MUS 221C Intermediate Piano Class I
MUS 221D Woodwind, Brass or Percussion
MUS 221G Contemporary Guitar
MUS 221H Classic Guitar III
MUS 222C Intermediate Piano Class II
MUS 232 Applied Music

Diversification Literature (DL)

EALL 271 Japanese Lit in Translation— Traditional
EALL 272 Japanese Lit in Translation—Modern
ENG 250 Major Works of American Lit
ENG 251 British Lit (Middle Ages to 1800)
ENG 252 British Lit (1800 to Present)
ENG 253 World Lit (Classical to Renaissance)
ENG 254 World Lit (1600 AD to Present)
ENG 255 Types of Literature I
ENG 256 Types of Literature II
ENG 257H Themes in Lit.: Man and Myth

ENG 257N Themes In Lit.: Literature and Film
HUM 261 Hawaiian Literature
HUM 262 Pacific Literature

Diversification Humanities (DH)

AMST 201 The American Experience
AMST 202 Diversity in American Life
ART 171 Intro to Western Art I
ART 172 Intro to Western Art II
ASAN 203 Philippine Cultural History
ASAN 204 History of Filipinos in the US
GEOG 122 Geography of Hawai'i
HWST 107 Hawai'i: Center of the Pacific
HIST 231 Modern European Civilization I
HIST 232 Modern European Civilization II
HIST 241 Civilizations of Asia I
HIST 242 Civilizations of Asia II
HIST 251 Islamic Civilization
HIST 260 20th Century World History
HIST 281 Intro to American History I
HIST 282 Intro to American History II
HIST 284 History of the Hawaiian Islands
IS 250H Leadership Development
LING 102 Intro to the Study of Language
MUS 106 Intro to Music Literature
PHIL 100 Intro to Phil: Survey of Problems
PHIL 101 Intro to Phil: Morals & Society
PHIL 102 Intro to Philosophy: Asian Traditions
PHIL 200 History of Philosophy I
PHIL 201 History of Philosophy II
PHIL 211 History of Western Philosophy I
PHIL 212 History of Western Philosophy II
PHIL 213 History of Western Philosophy III
REL 151 Religion & the Meaning of Existence
REL 200 Understanding the Old Testament
REL 201 Understanding the New Testament
REL 202 Understanding Indian Religions
REL 203 Understanding Chinese Religions
REL 204 Understanding Japanese Religions
REL 205 Understanding Hawaiian Religion
REL 207 Understanding Buddhism
REL 210 History of Christianity

Diversification Social Sciences (DS)

6 total credits required from two different disciplines.
AMST 211 Cont. American Issues: Domestic
AMST 212 Contemp. American Issues: World
ANTH 150 Human Adaptations
ANTH 200 Cultural Anthropology
ANTH 210 Archaeology
ECON 120 Intro to Economics
ECON 130 Microeconomics
ECON 131 Macroeconomics
FAMR 230 Human Development
GEOG 102 World Regional Geography

IS 221 Problems of War and Peace
PACS 108 Pacifics Worlds
POLS 110 Intro to Political Science
POLS 120 Intro to World Politics
POLS 130 Intro to American Politics
POLS 180 Intro to Hawaiian Politics
PSY 100 Survey of Psychology
PSY 180 Psychology of Work
PSY 202 Psychology of Women
PSY 240 Developmental Psychology
PSY 260 Psychology of Personality
SOC 100 Survey of General Sociology
SOC 151 Introduction to the Sociology of Food
SOC 214 Intro to Race & Ethnic Relations
SOC 218 Intro to Social Problems
SOC 231 Intro to Juvenile Delinquency
SOC 250 Community Forces in Hawai'i
SOC 251 Sociology of the Family
WS 151 Intro to Women's Studies
WS 290 Topics in Women's Studies

Natural Sciences 7 cr.

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

Diversification Biological (DB)

ANTH 215 Physical Anthropology
BIOL 100 Human Biology
BIOL 124 Environment and Ecology
BIOL 130 Anatomy and Physiology
BIOL 171 Intro to Biology I
BIOL 172 Intro to Biology II
BIOL 201 Biotechnology and Society
BIOL 275 Cell and Molecular Biology
BOT 101 Botany
FSHN 185 Science of Human Nutrition (formerly FSHN 285)
MICR 130 General Microbiology
PTB 200 Introduction to Plant Science.
SCI 107 The Molecular Basis of Life

Diversification Biological + Lab (DB, DY)

BIOL 101 Biology for Non-Majors (lect/lab)
BIOL 200 Coral Reefs (lect/lab)
BOT 130 Plants in the Hawaiian Environment (lect/lab)
HORT 110 Hawaiian Horticulture & Nutrition (lect/lab)
PBT 264 Introduction to Horticulture and Plant Propagation (lect/lab)
ZOOL 101 Principles of Zoology (lect/lab)
ZOOL 200 Marine Biology (lect/lab)
ZOOL 240 Human Anatomy and Physiology I (lect/lab)
ZOOL 241 Human Anatomy and Physiology II (lect/lab)

Diversification Physical (DP)

ASTR 110 Survey of Astronomy
ASTR 111 Contemporary Astronomy

BIOC 241 Fundamentals of Biochemistry
BIOC 251 Elements of Biochemistry
EE 211 Basic Circuit Analysis
EE 213 Basic Lab Measurements and Techniques
GG 101 Intro to Geology
GG 103 Geology of the Hawaiian Islands
GEOG 101 Natural Environment
OCN 201 Science of the Sea
PHYS 151 College Physics I
PHYS 152 College Physics II
PHYS 170 General Physics I
PHYS 272 General Physics II
SCI 225 Earth & Universe, Science

Diversification Physical + Lab (DP, DY)

CHEM 100B Chemistry and Man (lect/lab)
CHEM 151B Elem. Survey of Chemistry (lect/lab)
CHEM 152B Organic & Bioorganic Chemistry (lect/lab)
CHEM 161B General Chemistry I (lect/lab)
CHEM 162B General Chemistry II (lect/lab)
CHEM 272B Organic Chemistry I (lect/lab)
CHEM 273B Organic Chemistry II (lect/lab)
PHYS 100B Survey of Physics (lect/lab)
SCI 122 Intro to Science-Physical (lect/lab)

Diversification Laboratory (DY)

ANTH 215L Physical Anthropology Lab
BIOL 124L Environment and Ecology Lab
BIOL 130L Anatomy and Physiology Lab
BIOL 171L Intro to Biology I Lab
BIOL 275L Cell and Molecular Biology Lab
BOT 101L Botany Lab
MICR 140 General Microbiology Lab
GG 101L Intro to Geology Lab
GEOG 101L Natural Environment Lab
OCN 201L Science of the Sea Laboratory
PBT 200L Introduction to Plant Science Lab
PHYS 151L College Physics I Lab
PHYS 152L College Physics II Lab
PHYS 170L General Physics I Lab
PHYS 272L General Physics II Lab
SCI 225L Earth & Universe Lab

Graduation Requirements

In addition to two WI courses in any discipline and one HAP focus course, student must complete an oral communication (OR) course:

Oral Communication 3 credits

COM 210HON Honors Colloquium: Intercultural Communications
SP 151 Personal and Public Speech
SP 200 Speaking Skills for Prospective Teachers
SP 231 Interpretative Reading
SP 251 Principles of Effective Public Speaking

Degree: Associate in Applied Science

Title: Automotive Technology

Description: The Associate in Applied Science Degree is awarded to students who successfully complete both the required AMT and general education courses. The AAS degree enables students to enter the workforce. Graduates are able to seek employment in multiple areas in the automotive industry or related technical fields.

Effective Date: Fall 2013

Program Modifications:

AMT 20 (Introduction to Automotive Mechanics) 2 credits, is being substituted for AMT 25 (Preventive Maintenance and Inspection) 3 credits.

AMT 53 (Brakes) is changing from 3 credits to 4 credits.

Proposed Associate in Applied Science Degree:

First Semester Requirements:

AMT 20 (Introduction to Automotive Mechanics)	(2) credits
AMT 53 (Brakes)	(4) credits
AMT 55 (Suspension and Steering)	(5) credits
MATH 100 or equivalent or higher	<u>(3) credits</u>

Total Semester Credits: (14) credits

Second Semester Requirements:

ENG 100 or equivalent	(3) credits
AMT 30 (Engines)	(7) credits
AMT 40 (Electrical/Electronic Systems I)	(6) credits
NS course	<u>(3 or 4) credits</u>

Total Semester Credits: (19 or 20) credits

Third Semester Requirements:

AMT 46 (Manual Drive-Train and Transaxles)	(3) credits
AMT 50 (Automatic Transmission and Transaxles)	(6) credits
AMT 41 (Electrical/Electronic Systems II)	(3) credits

Total Semester Credits: (12) credits

Fourth Semester Requirements:

AMT 43 (Heating and Air Conditioning and Ventilation)

(3) credits

AMT 40D (Engine Performance)

(6) credits

AMT 60 (Diagnostic and Repair)

(3) credits

Social Sciences (100 and above)

(3) credits

Arts/Humanities (100 and above)

(3) credits

Total Semester Credits

(18) credits

TOTAL DEGREE CREDITS:

(63 or 64) credits

Degree: Associate in Applied Science
Title: Culinary Arts
Description: Associate in Applied Science in Culinary Arts
Effective Date: Fall 2013

Program Modifications:

The following changes are proposed:

- 1) Change the degree requirement from ENG 22 to ENG 100
- 2) Change the degree requirement from MATH 50H to MATH 100
- 3.) Delete "COMM 145 or SP 151"

The action to upgrade the English and math courses to college level, is prompted by the recent ACCJC recommendation that stated, "The college needs to insure that the course requirements for any AAS degrees are consistent with the general education philosophy as outlined in the college catalogue and, in so doing, carefully consider the rigor of the courses needed to fulfill the degree requirements."

Degree: Academic Subject Certificate

Title: Community Food Security

Description: The Academic Subject Certificate in Community Food Security is intended to provide the student with knowledge of the Community Food Security movement through course work and skills and knowledge about the operation of a certified organic farm and the sale of products grown on the farm. The courses will introduce them to the CFS movement both nationally and internationally, provide them the skills for growing foods organically, preparing farm products for sale to restaurants and markets, providing educational activities to elementary, middle and high school students; knowledge about Hawaiian culture; knowledge related to plants, nutrition, the environment and agriculture. With this foundation, it is anticipated that students will be able to pursue degrees in a variety of areas including, environmental resources, education, nutrition, culinary arts, and business.

Effective Date: Fall 2013

Program Modifications:

This is a request to delete the experimental MGT 197 Agriculture Entrepreneurship in Hawaii and replace it with the approved course MGT 135 Agricultural Entrepreneurship.

This is a request to delete the experimental GEOG 197 Intro to Community Food Security and replace it with the approved course SOC 151 Sociology of Food.

This is a request to delete the experimental GEOG 297 Advanced Issues in Community Food Security and replace it with the experimental course SOC 297 Advanced Issues in Sociology of Food.

This is a request to delete Student Learning Outcome #5 Explain nutritional concepts related to agriculture.

Degree: Academic Subject Certificate
Title: Hawaiian Studies
Description: Academic Subject Certificate in Hawaiian Studies
Effective Date: Fall 2013

Program Modifications:

This is an existing program.

We are updating program learning outcomes and core course requirements to align with the current AA Hawaiian Studies. Replace BOT 130 with HWST 270 in the core requirements, add HWST 105, HWST 291, HWST 160 to the list of electives. Providing additional information to align with articulation requirements.

The program was also listed erroneously as a Social Sciences program, we have changed it to the appropriate category of Arts and Humanities.

Degree: Academic Subject Certificate

Title: Plant Biology and Tropical Agriculture

Description: The ASC in Plant Biology and Tropical Agriculture is designed to provide plant science and laboratory knowledge and skills to facilitate employment or further education in agricultural businesses.

Effective Date: Fall 2013

Program Modifications:

Name of the program has been changed from Plant Bioscience Technology to Plant Biology and Tropical Agriculture.

Old Name: Plant Bioscience Technology

New Name: Plant Biology and Tropical Agriculture

Reason for Change: Although the course package is identical for the ASC, the new name better reflects the scope of the program by avoiding a misconception that the program puts greater emphasis on biotechnology. The PBT advisory committee considered the implication for future health and growth of the program and decided on the new name for the ASC.

Degree: Academic Subject Certificate

Title: TIM

Description: The Academic Subject Certificate in Travel Industry Management is designed to provide a strong foundation for students who plan to earn a bachelor's degree in Travel Industry Management.

Effective Date: Fall 2013

Program Modifications:

Add ICS 100 and 101, both to be taken, as an alternative for BUS 101.