

UNIVERSITY OF HAWAI'I
ACADEMIC PROGRAM ACTIONS
STATUS REPORT
2002-2003

Compiled by

Academic Affairs Office of Planning and Policy
with assistance of the
Council of Chief Academic Officers
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UNIVERSITY OF HAWAII
ACADEMIC PROGRAM ACTIONS, 2002-2003
EXECUTIVE SUMMARY
JUNE 2003

INTRODUCTION

University of Hawai'i Board of Regents and executive policies provide for the establishment and review of academic programs at all campuses of the University of Hawai'i System. This report provides information on the current status of new and provisional programs and the review of established programs at the UH Community Colleges, UH Hilo, UH Mānoa, and UH West O'ahu. Reviews conducted in other areas, such as student services, research, etc., are handled separately. Act 161 (HRS §304-4.5) calls for the periodic review of programs at each campus to determine whether the programs are operating for the purposes originally established and are consistent with the benchmarks adopted by the Board of Regents.

The overall purpose of program review is to assess the extent to which academic programs are meeting their stated objectives and whether these objectives are still appropriate to the campus, Unit, and University missions. Highlights of Board of Regents and University actions relating to program reviews for 2002-2003 are as follows. A list of abbreviations is provided as Attachment 1, and the University's official *Master List of Curricula Offered* is provided as Attachment 2.

I. NEW PROGRAM AND CERTIFICATE ACTIONS

✓ **A. New Academic Programs Approved by the Board of Regents (9)**

1. CA in Biotechnology, Kapi'olani Community College. BOR approved May 16, 2003; effective fall 2003.
2. AS in Opticianry, Leeward Community College. BOR approved November 22, 2002, effective fall 2003.
3. AS in Digital Media Production, Leeward Community College. BOR approved June 20, 2003, effective fall 2003.
4. Bachelor of Applied Science (BAS) in Applied Business and Information Technology, Maui Community College. BOR approved June 20, 2003, effective fall 2003.
5. BA in Performing Arts, UH Hilo. BOR approved November 22, 2002; effective spring 2003.
6. Post-Baccalaureate Certificate in Kahuawaiola Indigenous Teacher Education, UH Hilo. BOR approved January 17, 2003; effective upon BOR approval.
7. LLM in Law, UH Mānoa. BOR approved October 18, 2002; effective fall 2003.
8. BS in Marine Biology, UH Mānoa. BOR approved July 19, 2002; effective fall 2002.
9. Certificate in Environmental Studies, UH West O'ahu. BOR approved February 22, 2003; effective fall 2003.

✓ **B. New Certificates and Minors Approved by Campus Administration (12)**

1. ASC in Hawaiian Studies (Liberal Studies), Leeward Community College. Approved by Chancellor, October 9, 2002; effective fall 2002.
2. ASC in Bio Resources and Technology (Liberal Arts), Windward Community College, approved by Chancellor, October 21, 2002; effective spring 2003.
3. Undergraduate Certificate in Executive Accounting, Business Administration, UH Mānoa. Approved by Chancellor April 15, 2003; effective fall 2003.
4. Undergraduate Certificate in Human Language and Computers, Languages, Linguistics and Literature, UH Mānoa. Approved by Chancellor May 28, 2003; effective fall 2003.
5. Undergraduate Certificate in Language Acquisition, Languages, Linguistics and Literature, UH Mānoa. Approved by Chancellor May 28, 2003; effective fall 2003.
6. Undergraduate Certificate in Language and Cognition, Languages, Linguistics and Literature, UH Mānoa. Approved by Chancellor May 28, 2003; effective fall 2003.

7. Undergraduate Certificate in Languages of Hawai'i and the Pacific, Languages, Linguistics and Literature, UH Mānoa. Approved by Chancellor May 28, 2003; effective fall 2003.
8. Undergraduate Certificate in Latin and Iberian Studies, Languages, Linguistics and Literature, UH Mānoa. Approved by Chancellor May 28, 2003; effective fall 2003.
9. Undergraduate Certificate in Linguistics, Languages, Linguistics and Literature, UH Mānoa. Approved by Chancellor May 28, 2003; effective fall 2003.
10. Undergraduate Certificate in Professional Writing, Languages, Linguistics and Literature, UH Mānoa. Approved by Chancellor March 27, 2003; effective fall 2003.
11. Undergraduate Certificate in Agribusiness Management, Tropical Agriculture and Human Resources, UH Mānoa. Approved by Chancellor March 27, 2003; effective fall 2003.
12. Minor in Plant Production and Management, Tropical Agriculture and Human Resources, UH Mānoa. Approved by Chancellor December 4, 2002; effective spring 2003

✓ **C. Authorization to Plan New Academic Programs Approved by Campus Administration (13)**

1. Authorization to Plan: CA in Interpreting, Kapi'olani Community College. Approved by Chancellor, April 10, 2003.
2. Authorization to Plan: AS in Educational Paraprofessional, Kapi'olani Community College. Approved by Chancellor, December 13, 2002.
3. Authorization to Plan: Advanced Professional Certificate and a Baccalaureate of Applied Science, Kapi'olani Community College. Approved by Chancellor, October 23, 2002.
4. Authorization to Plan: ASC in Hawaiian Studies (Liberal Arts), Maui Community College. Approved by Chancellor, October 23, 2002.
5. Authorization to Plan: BA in Veterinary Technology, College of Agriculture, Forestry & Natural Resource Management, UH Hilo. Approved by Chancellor, July 24, 2002.
6. Authorization to Plan: BS in Veterinary Technology, College of Agriculture, Forestry & Natural Resource Management, UH Hilo. Approved by Chancellor, July 24, 2002.
7. Authorization to Plan: Certificate in Animal Technology, College of Agriculture, Forestry & Natural Resource Management, UH Hilo. Approved by Chancellor, July 24, 2002.
8. Authorization to Plan: MS in Conservation Biology & Environmental Sciences, College of Arts and Sciences, UH Hilo. Approved by Chancellor, July 11, 2002.
9. Authorization to Plan: BS in Environmental Sciences, College of Arts and Sciences, UH Hilo. Approved by Chancellor, June 25, 2002.
10. Authorization to Plan: BA in Environmental Studies, College of Arts and Sciences, UH Hilo. Approved by Chancellor June 25, 2002.
11. Authorization to Plan: PhD in Hawaiian Language and Literature, Ka Haka `Ula O Ke`elikōlani College of Hawaiian Language, UH Hilo. Approved by Chancellor, September 1, 2002.
12. Authorization to Plan: MS and PhD in Chemical and Marine Bioprocess Engineering, UH Mānoa. Approved by Chancellor, March 11, 2002.
13. Authorization to Plan: Graduate Certificate in Global Journalism Studies, Social Sciences, UH Mānoa. Approved by Chancellor, February 25, 2003.

II. PROVISIONAL PROGRAMS AND CERTIFICATE ACTIONS

✓ **A. Provisional Programs Granted Established Status by the Board of Regents (6)**

1. BS in Astronomy, UH Hilo. BOR approved November 22, 2002.
2. MA in Hawaiian Language and Literature, UH Hilo. BOR approved September 13, 2002.
3. MS in Kinesiology and Leisure Science, UH Mānoa, BOR approved January 17, 2003.
4. PhD in Civil Engineering, UH Mānoa. BOR approved May 16, 2003.
5. PhD in Social Work, UH Mānoa. BOR approved May 16, 2003.
6. BS in Travel Industry Management, UH Mānoa. BOR approved January 17, 2003.

✓ **B. Removal of Stop-out of Provisional Program by Campus Administration (1)**

PhD in International Management, UH Mānoa. Stop-out removed fall 2003; provisional status to fall 2008.

✓ **C. Termination of Provisional Certificate Program by Campus Administration (1)**

Graduate Certificate in Renewable Energy Engineering, UH Mānoa. Termination approved by Chancellor, March 25, 2003.

D. Ongoing Provisional Programs (43): 11 UHCC, 6 UHH, 21 UHM, 5 UHWO

Campus	#	Programs
UH Community Colleges (11)		
▪ Hawai'i CC	2	AAS, Hawaiian Lifestyles; AS, CA, Tropical Forest Ecosystem Management & Agroforestry
▪ Honolulu CC	1	AS, Commercial Aviation
▪ Kapi'olani CC	4	CA, Exercise & Sport Science; AS, New Media Arts; Advanced CA, Diagnostic Medical Sonography; AS, CA, Travel & Tourism
▪ Kaua'i CC	1	AAS, CA, Electronics Technology
▪ Maui CC	3	AS, Computing Engineering Technology; AS, CA, Electronics Engineering Technology; AAS, CA, Sustainable Technology
UH Hilo (6)		
▪ Arts & Sciences	6	BA, Administration of Justice; MA, China-U.S. Relations; MA, Counseling Psychology; MEd, Education; BA, Geology; BA, Health & Physical Education
UH Mānoa (21)		
▪ Architecture	1	ArchD
▪ Arts & Humanities	2	PhD, Music; Graduate Certificate, Religion
▪ Languages, Linguistics & Literature	2	BA, Korean; BA, Philippine Language & Literature
▪ Natural Sciences	2	PhD, Computer Science; BA, Information & Computer Sciences
▪ Social Sciences	4	Graduate Certificate, International Cultural Studies; Undergraduate Certificate, Peace Studies; Graduate Certificate, Women's Studies; PhD, Urban & Regional Planning
▪ Business Administration	2	PhD, International Management; Masters in Human Resources Management
▪ Education	2	MEd, Early Childhood Education; Post-Baccalaureate Certificate in Special Education
▪ Engineering	1	Graduate Certificate, Construction Engineering & Management
▪ Nursing	1	PhD, Nursing
▪ John A. Burns School of Medicine	1	MS & PhD, Biomedical Sciences sub-field Cell & Molecular Biology
▪ Tropical Agriculture & Human Resources	3	BS, Plant & Environmental Biotechnology; BS, Natural Resources & Environmental Management; BS, Tropical Plant and Social Sciences

D. Other Provisional Programs cont.

UH West O'ahu (5)	5	BA Specialization in Philosophy; BA, Specialization in Economics; Certificate in Substance Abuse and Addiction Studies; Certificate in Health Care Administration; Certificate in Disaster Preparedness & Emergency Management
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III. ESTABLISHED PROGRAM AND CERTIFICATE ACTIONS

Number of Programs Reviewed in 2002-2003 (121): 96 UHCC, 6 UHH, 19 UHM

✓ **A. Changes to Established Programs Approved by the Board of Regents: Termination (1)**

Center for Russia in Asia, UH Mānoa. Terminated by BOR May 16, 2003.

B. Changes to Established Program Approved by Campus Administration (10)

1. Terminations (2)

- a. Asian Studies Graduate Certificate, UH Mānoa. Terminated by the Chancellor, March 13, 2003.
- b. BA in Music, UH Hilo. Terminated by the President, October 29, 2002.

✓ **2. Stop-out of admission to established programs (2)**

- a. Interpretation Undergraduate Certificate, UH Mānoa. Stop-out approved by the Chancellor, January 30, 2002, to spring 2003.
- b. Translation Undergraduate Certificate, UH Mānoa. Stop-out approved by the Chancellor, January 30, 2002, to spring 2003.

✓ **3. Stop-out of admission to established program removed (1)**

Machine, Welding and Industrial Mechanics Technologies, AAS, CA, Hawai'i Community College. Stop-out removed by the Chancellor, February 24, 2003.

✓ **4. Name changes (5)**

- a. Name change **from** Language Telecommunication Resource and Learning Center **to** Language Learning Center, UH Mānoa. Approved by the Chancellor August 6, 2002, effective fall 2002.
- b. Name change **from** Plant Pathology **to** Tropical Plant Pathology, UH Mānoa. Approved by the Chancellor November 2, 2002, effective fall 2003.
- c. Name change **from** AAS and CA in Welding Sheet Metal Technology **to** AAS, CA in Machine, Welding, and Industrial Mechanics Technologies, Hawai'i Community College. Approved by the Chancellor, February 24, 2003.
- d. Name change **from** Office Administration & Technology **to** Business Technology, Leeward Community College. Approved by Chancellor, March 24, 2003; effective spring 2003.
- e. Name change **from** Office Administration & Technology **to** Business Technology, Maui Community College. Approved by Chancellor, May 20, 2003.

IV. OTHER RELATED ACADEMIC ACTIONS

- A. Online MA in Music Education, UH Mānoa. Approved by the Chancellor May 30, 2003.
- B. Establishment of a separate Graduate Division at UH Hilo. BOR approved March 14, 2003.
- C. Department of Teacher Education and Curriculum Studies separated into the Department of Curriculum Studies and the Institute for Teacher Education and the creation of a new Outreach Program Office, College of Education, UH Mānoa. Approved by the BOR, September 13, 2002.
- D. Online MAcc in Accounting, UH Mānoa. Approved by the UHM Vice Chancellor for Academic Affairs, June 18, 2003.

UNIVERSITY OF HAWAI'I
ACADEMIC PROGRAM ACTIONS, 2002-2003
PROGRAM REVIEW POLICY
June 2003

INTRODUCTION

University of Hawai'i Board of Regents and executive policies provide for the establishment and review of academic programs at all campuses of the University of Hawai'i System. Act 161 (HRS §304-4.5) calls for the periodic review of programs at each campus to determine whether the programs are operating for the purposes originally established and are consistent with the benchmarks adopted by the Board of Regents. This report provides information on the current status of new and provisional programs and the review of established programs at the UH-Community Colleges, UH-Hilo, UH-Mānoa, and UH-West O'ahu in fulfillment of BOR policy and in partial fulfillment of the requirements of Act 161. Reviews conducted in other areas, such as student services, research, etc., are handled separately.

Program Review Policy

University policy governing academic program approval and review is set forth in four documents.

1. Board of Regents' Bylaws and Policies Section 5-1.a (1), (2), (3), relating to *New Programs and Established Programs*.
2. Executive Policy E5.201, *Approval of New Academic Programs and Review of Provisional Academic Programs*.
3. Executive Policy E5.202, *Review of Established Programs*.
4. Executive Policy E5.205, *Academic Minors and Certificate Credentials*.

The overall purpose of program review is to assess the extent to which academic programs are meeting their stated objectives and whether these objectives are still appropriate to the campus, Unit, and University missions. Highlights of University policy provisions relating to program reviews are as follows:

- New programs are authorized by the Board of Regents and become provisional upon approval.
- A provisional program is reviewed for continuation as an established program after its first cycle. Program continuation involves BOR action. The provisional cycle is the number of years it takes a student to complete the program, but not less than two years. In the year following the provisional cycle, a review is conducted.
- Established programs are reviewed on a five-year cycle at the UH-Community Colleges and a five- to seven-year cycle at UH-Hilo, UH-Mānoa, and UH-West O'ahu.
- Termination of provisional and established programs involves Board of Regents action.
- Chancellors are authorized to approve program stop-outs—a halt to admissions to the program—for not more than two years.
- Chancellors at baccalaureate degree campuses are authorized to recognize academic minors in Board-authorized baccalaureate degree programs.
- Chancellors are authorized to approve changes to academic minors in Board-authorized baccalaureate degree programs.
- Chancellors are authorized to approve changes to academic program titles to maintain currency in terminology assuming no substantive change in the program or service group.

- Chancellors are authorized to approve 1) certificates of completion at the Community Colleges and 2) subject certificates at all campuses that recognize work taken within (or among) existing Board-authorized academic programs.

Program Review Process

Each Unit of the University has developed its own program review procedures appropriate to its programs and organization. These are described at the beginning of each of the following sections of this report.

UH COMMUNITY COLLEGES
ACADEMIC PROGRAMS ACTIONS
2002-2003

**UNIVERSITY OF HAWAI'I COMMUNITY COLLEGES
ACADEMIC PROGRAM ACTIONS
2002-2003**

**PROCEDURES FOR PROGRAM REVIEW
(Program Health Indicators)**

During the 1992-93 academic year, the University of Hawai'i Community Colleges adopted a new process, the Program Health Indicators Model, for the yearly review of academic programs. The Program Health Indicators Model provides a standard format for the development and conduct of comprehensive program reviews on an annual basis and provides both a description and evaluation of important elements of instructional programs.

The adoption of the Program Health Indicators Model was instigated by several factors, including the need for systematic annual examination of vocational programs (a new requirement of the Carl D. Perkins Vocational and Applied Technology Education Act of 1990), the desire to identify poorly performing programs as early as possible, and the successful use of a pilot version of the model at Kapi'olani Community College.

The Program Health Indicators Model provides a comprehensive, yet succinct, review of the activities of instructional programs, incorporating current year information which is comparable across programs and campuses. Major sections of the resulting program report provide descriptive information about the development and history of a program, program goals, faculty and advisory committee of the program, admission and degree requirements, courses offered in the most recent academic year and course enrollments, program performance indicators, including graphic representations of program performance on selected indicators relative to pre-established norms, and, finally, an analysis of the program outcomes. Three major clusters of program performance indicators are utilized, reflecting program demand, program efficiency, and program outcomes.

The program demand cluster reflects internal demand, as indicated by applicants, majors, and registrations, as well as, in the case of vocational programs, external demand, as indicated by current and projected positions in the occupation and annual new positions in the occupation.

The program efficiency cluster reflects information about the relationship of resources committed to a program and the use of those resources, as indicated by such variables as average class size, cost per student semester hour, the ratio of students to faculty, and other cost and enrollment measures.

The program outcome cluster reflects mainly the outcomes for students in each program. The indicators include retention rate, graduation rate, degrees awarded, and measures of the satisfaction of former students. For vocational programs, licensing and certification (where applicable) rates, measures of satisfaction of employers, and the standards set for postsecondary vocational education programs by the State of Hawai'i are included.

The first step in the analysis of the program outcomes is to examine the graphic representations of the actual performance of the program on each of the indicators with respect to the minimum and satisfactory performance levels. A judgment is made concerning the "health" of the program.

1. If all or most of the indicators are above the satisfactory performance level, the program is in good health and no further review is necessary.
2. If all or most of the indicators are above the minimum performance levels but below the satisfactory performance levels, a plan should be constructed for the improvement of the program on those indicators which do not attain the satisfactory performance level.

3. If all or most of the indicators are below the minimum performance level, an in-depth review of the program shall be undertaken, with a written plan produced by the end of the following Fall semester, outlining the steps to be taken to improve the performance of the program, accompanied by a schedule for implementation of activities or procedures and an indication of the individual(s) responsible for the completion of the plan.

**UNIVERSITY OF HAWAII COMMUNITY COLLEGES
ACADEMIC PROGRAM ACTIONS
July 1, 2002 - June 30, 2003**

I. NEW ACADEMIC PROGRAMS

Campus	Program and Credential	Status	BOR Action/ Comments
Kapi'olani CC	CA in Biotechnology		Approved by BOR 5/16/03; effective fall 2003
Kapi'olani CC	CA and AS in Interpreting	Authorization to Plan approved by Chancellor, 4/10/03	
Kapi'olani CC	AS in Educational Paraprofessional	Authorization to Plan approved by Chancellor, 12/13/02	
Kapi'olani CC	Advanced Professional Certificate, Baccalaureate of Applied Science	Authorization to Plan approved by Chancellor, 10/23/03	
Leeward CC	AS in Opticianry		Approved by BOR 11/22/02; effective fall 2003.
Leeward CC	AS in Digital Media Production		Approved by BOR 6/20/03; effective fall 2003
Leeward CC	ASC in Hawaiian Studies (Liberal Studies)	Approved by Chancellor 10/9/02; effective fall 2002	
Maui CC	ASC in Hawaiian Studies (Liberal Arts)	Authorization to Plan approved by Chancellor, 10/23/02	
Maui CC	BAS in Applied Business & Information Technology		Approved by BOR 6/20/03; effective fall 2003
Windward CC	ASC in Bio-Resources & Technology (Liberal Arts)	Approved by Chancellor, 10/23/02; effective fall 2003	

II. PROVISIONAL PROGRAMS

Campus	Program	Degree/ Certificate	Status	BOR Action/ Comments
Hawai'i CC	Hawaiian Lifestyles	AAS	Provisional until fall 2004	
Hawai'i CC	Tropical Forest Ecosystem Management and Agroforestry	AS, CA	Provisional until fall 2004	
Honolulu CC	Commercial Aviation	AS	Provisional until fall 2004	
Kapi'olani CC	Exercise and Sport Science	CA	Provisional until fall 2006	
Kapi'olani CC	New Media Arts	AS	Provisional until fall 2006	
Kapi'olani CC	Diagnostic Medical Sonography	Advanced CA	Recommendation to BOR anticipated fall 2003	

Campus	Program	Degree/ Certificate	Status	BOR Action/ Comments
Kapi'olani CC	Travel and Tourism	AS, CA	Recommendation to BOR anticipated fall 2003	
Kaua'i CC	Electronics Technology	AAS, CA	Recommendation to BOR anticipated fall 2003	
Maui CC	Electronics and Computing Engineering Technology: Computing Engineering Technology	AS	Recommendation to BOR anticipated fall 2003	
Maui CC	Electronics and Computing Engineering Technology: Electronics Engineering Technology	AS, CA	Recommendation to BOR anticipated fall 2003	
Maui CC	Sustainable Technology	AAS, CA	Provisional until fall 2003	

III. OTHER PROGRAM CHANGES/ACTIONS (July 1, 2002 through June 30, 2003)

College	Nature of Action	Status/Action	Approval/Comments
Hawai'i CC	Program name change.	From: Welding & Sheet Metal To: Machine, Welding and Industrial Mechanics Technologies (MWIM)	Approved by Chancellor 2/24/03
Leeward CC	Program name change.	From: Office Administration & Technology To: Business Technology	Approved by Chancellor, 3/24/03; effective spring 2003
Maui CC	Program name change.	From: Office Administration & Technology To: Business Technology	Approved by Chancellor 5/20/03

IV. REVIEWS OF ESTABLISHED PROGRAMS (July 1, 2002 through June 30, 2003)

UH-Hawai'i Community College

PROCEDURES USED: Program Health Indicators

Program & Credential	Continuation/Significant Changes (Name changes, consolidations, etc.)	Stop-outs	Termination
Accounting (AAS)	Continued		
Administration of Justice (AS)	Continued		
Agriculture (AAS, CA)	Continued		
Auto Body Repair and Painting (AAS, CA)	Continued		
Automotive Mechanics Technology (AAS, CA)	Continued		
Carpentry (AAS, CA)	Continued		
Diesel Mechanics (AAS, CA)	Continued		
Drafting and Engineering Aide (AAS)	Continued		
Early Childhood Education (AS, CA)	Continued		
Electrical Installation and Maintenance Technology (AAS, CA)	Continued		
Electronics Technology (AAS)	Continued		
Food Service (AAS, CA)	Continued		
Information Technology (AS, CA)	Continued		
Liberal Arts (AA) Hawaiian Life Styles (ASC) Environmental Studies (ASC)	Continued		
Marketing (AAS, CA)	Continued		
Practical Nursing (CA)	Continued		
Nursing (AS)	Continued		
Office Administration and Technology (AAS, CA)	Continued		
Machine, Welding and Industrial Mechanics Technologies (AAS, CA)	Continued Name change approved 2/24/03	Stop-out removed effective fall 2000	

UH-Honolulu Community College

PROCEDURES USED: Program Health Indicators

Program & Credential	Continuation/Significant Changes (Name changes, consolidations, etc.)	Stop-outs	Termination
Administration of Justice (AAS)	Continued		
Aeronautics Maintenance Technology (AS, CA)	Continued		
Applied Trades (AAS)	Continued		
Auto Body Repair and Painting (AAS, CA)	Continued		
Automotive Mechanics Technology (AAS, CA)	Continued		
Carpentry Technology (AAS, CA)	Continued		
Communication Arts (AS)	Continued		
Computing, Electronics, & Networking Technology (AS)	Continued		
Cosmetology (AAS, CA)	Continued		
Diesel Mechanics Technology (AAS, CA)	Continued		
Electrical Installation and Maintenance Technology (AAS, CA)	Continued		
Fashion Technology (AAS, CA)	Continued		
Fire and Environmental Emergency Response (AAS, CA)	Continued		
Human Services - Early Childhood Education and Community Services (AAS, CA)	Continued		
Industrial Education (AAS)	Continued		
Liberal Arts (AA)	Continued		
Marine Technologies Boat Maintenance & Repair (AAS)	Continued		
Occupational Environmental Safety Management (AS, CA)	Continued		
Refrigeration and Air Conditioning Technology (AAS, CA)	Continued		
Sheet Metal & Plastics (AAS, CA)	Continued		
Welding Technology (AAS, CA)	Continued		

UH-Kapi'olani Community College

PROCEDURES USED: Program Health Indicators

Program & Credential	Continuation/Significant Changes (Name changes, consolidations, etc.)	Stop-outs	Termination
Accounting (AS, CA)	Continued		
Dental Assisting (CC)	Continued		
Emergency Medical Technician (CC)	Continued		
Food Service (AS, CA)	Continued		
Hotel/Restaurant Operations (AS, CA)	Continued		
Information Technology (AS, CA)	Continued		
Liberal Arts (AA) Hawaiian/Pacific Studies (ASC) Asian Studies (ASC)	Continued		
Marketing (AS, CA)	Continued		
Medical Assisting (AS, CA)	Continued		
Medical Laboratory Technician (AS)	Continued		
Mobile Intensive Care Technician (AS)	Continued		
Practical Nursing (CA)	Continued		
Nursing (AS)	Continued		
Occupational Therapy Assistant (AS)	Continued		
Paralegal (AS)	Continued		
Physical Therapist Assistant (AS)	Continued		
Radiologic Technology (AS)	Continued		
Respiratory Care (AS)	Continued		

UH-Kauai Community College

PROCEDURES USED: Program Health Indicators

Program & Credential	Continuation/Significant Changes (Name changes, consolidations, etc.)	Stop-outs	Termination
Accounting (AAS, CA)	Continued		
Auto Body Repair and Painting (AAS, CA)	Continued		
Automotive Mechanics Technology (AAS, CA)	Continued		
Carpentry Technology (AAS., CA)	Continued		
Early Childhood Education (AS, CA)	Continued		
Electrical Installation and Maintenance Technology (AAS, CA)	Continued		
Liberal Arts (AA) Hawaiian Culture (ASC)	Continued		
Practical Nursing (CA)	Continued		
Nursing (AS)	Continued		
Office Administration and Technology (AAS, CA)	Continued		
Visitor Industry - Culinary Arts (AAS, CA)	Continued		
Visitor Industry - Hotel Operations (AAS, CA)	Continued		

UH-Leeward Community College

PROCEDURES USED: Program Health Indicators

Program & Credential	Continuation/Significant Changes (Name changes, consolidations, etc.)	Stop-outs	Termination
Accounting (AAS, CA)	Continued		
Automotive Mechanics Technology (AAS, CA)	Continued		
Business Technology (AAS, CA)	Continued Name change approved 3/24/03		
Food Service (AAS, CA)	Continued		
Information and Computer Science (AS)	Continued		
Liberal Arts (AA) Music (ASC) Philippine Studies (ASC) Pre-business (ASC)	Continued		
Management Mgt (Banking) (CA) Mgt (Credit Union) (CA) Mgt (Sales & Mkt) (AAS)	Continued		
Television Production (AS, CA)	Continued		

UH-Maui Community College
PROCEDURES USED: Program Health Indicators

Program & Credential	Continuation/Significant Changes (Name changes, consolidations, etc.)	Stop-outs	Termination
Accounting (AAS, CA)	Continued		
Administration of Justice (AAS, CA)	Continued		
Agricultural Careers (AAS, CA)	Continued		
Auto Body Repair and Painting (AAS, CA)	Continued		
Automotive Mechanics Technology (AAS, CA)	Continued		
Building Maintenance (CA)	Continued		
Business Careers (AAS, CA)	Continued		
Business Technology (AAS, CA)	Continued Name change approved 5/20/03		
Carpentry Technology (AAS, CA)	Continued		
Drafting Technology (CA)	Continued		
Fashion Technology (AAS, CA)	Continued		
Food Service (AAS, CA)	Continued		
Hotel Operations (AAS, CA)	Continued		
Human Services (AS, CA)	Continued		
Practical Nursing (CA)	Continued		
Nursing (AS)	Continued		
Welding Technology (CA)	Continued		

UH-Windward Community College

PROCEDURES USED: Program Health Indicators

Program & Credential	Continuation/Significant Changes (Name changes, consolidations, etc.)	Stop-outs	Termination
Liberal Arts (AA) Psycho-Social Developmental Studies (ASC) Hawaiian Studies (ASC) Art (ASC) Business (ASC)	Continued		
Technical Studies (AS)	Continued		

UH HILO
ACADEMIC PROGRAMS ACTIONS
2002-2003

**UNIVERSITY OF HAWAI'I AT HILO
ACADEMIC PROGRAM ACTIONS
2002-2003**

PROCEDURES FOR PROGRAM REVIEW

The program review procedures for UH Hilo were revised, updated, and approved by the UH Hilo Congress in 2001. The process now builds upon an annual report prepared by each program, culminating in a full program review every seven years.

The program review process at UH Hilo begins with a self study conducted by department faculty with input from an external reviewer selected jointly by the department and the Vice Chancellor for Academic Affairs.

The report generated by the self study conforms to the guidelines set forth in Executive Policies E5.201, Approval of New Academic Programs and Review of Academic Provisional Programs, and E5.202, Review of Established Programs, with special emphasis on student learning assessment and on planning for program improvement.

The Dean or Director of the unit reviews the report, consults with the department chair, and recommends actions that will support program improvement. Recommendations and reports are reviewed by the UH Hilo Congress; department faculty will participate in the Congress's deliberations. Congress sends reports, college recommendations, and Congress recommendations to the Vice Chancellor for Academic Affairs, who decides on recommendations, sends each department a memorandum of understanding, and prepares annual summary report to the system. Department faculty may consult with the VCAA during this process.

Recommended actions are integrated into UH Hilo planning and resource allocations. Departments are notified of progress in implementation; in turn, departments submit annual progress reports to the Dean and VCAA.

These revised program review procedures were implemented with the program reviews scheduled for 2002-2003.

**UNIVERSITY OF HAWAII AT HILO
ACADEMIC PROGRAM ACTIONS
July 1, 2002 - June 30, 2003**

I. NEW ACADEMIC PROGRAMS

Program/ College or School	Degree/ Certificate	Status	BOR Action/Comments
Veterinary Technology, College of Agriculture, Forestry & Natural Resource Management	BA	Authorization to Plan – Chancellor approved 7/24/02	
Veterinary Technology, College of Agriculture, Forestry & Natural Resource Management	BS	Authorization to Plan – Chancellor approved 7/24/02	
Animal Technology, College of Agriculture, Forestry & Natural Resource Management	Certificate	Authorization to Plan – Chancellor approved 7/24/02	
Conservation Biology & Environmental Sciences, College of Arts and Sciences	MS	Authorization to Plan – Chancellor approved 7/11/02	
Environmental Sciences, College of Arts and Sciences	BS	Authorization to Plan – Chancellor approved 6/25/02	
Environmental Studies, College of Arts and Sciences	BA	Authorization to Plan – Chancellor approved 6/25/02	
Performing Arts, College of Arts and Sciences	BA	New Program – replaced the BA in Music and Drama concentration in Liberal Studies.	BOR approved 11/22/02; effective spring 2003
Hawaiian Language and Literature, Ka Haka `Ula O Ke`elikōlani College of Hawaiian Language	PhD	Authorization to Plan - Chancellor approved 9/1/02	
Hawaiian Language and Literature, Ka Haka `Ula O Ke`elikōlani College of Hawaiian Language	Post-Baccalaureate Certificate	Approved as a new program and name changed from: Hawaiian Medium Teacher Education to: Kahuawaiola Indigenous Teacher Education	BOR approved 01/17/03; effective upon BOR approval.

II. PROVISIONAL PROGRAMS

Program/ College or School	Degree/ Certificate	Status	BOR Action/Comments
Administration of Justice, College of Arts and Sciences.	BA	Provisional status to fall 2006	
Astronomy, College of Arts and Sciences	BS		BOR approved established status 11/22/02
China-U.S. Relations, College of Arts and Sciences	MA	Provisional status to fall 2007	
Counseling Psychology, College of Arts and Sciences	MA	Provisional status to fall 2007	
Education, College of Arts and Sciences	MEd	Provisional status to fall 2005	
Geology, College of Arts and Sciences	BA	Provisional status to fall 2006	
Health & Physical Education, College of Arts and Sciences	BA	Provisional status to fall 2006	
Hawaiian Language and Literature and College of Hawaiian Language	MA		BOR approved established status 9/13/02

III. REVIEW OF ESTABLISHED PROGRAMS

Program/ College or School	Degree/ Certificate	Continuation/ Significant Changes	Stop-outs/Termination
Arts and Sciences	BBA, Business Administration	Undergoing review 2003–2004	
Arts and Sciences	BA, Economics	Undergoing review 2003–2004	
Arts and Sciences	BA, Marine Science	Undergoing review 2003–2004	
Arts and Sciences	BA, Natural Science	Undergoing review 2003–2004	
Arts and Sciences	BA, Physics	Undergoing review 2003–2004	
Arts and Sciences	BA, Music		President terminated 10/29/02 in conjunction with BOR establishment of the BA in Performing Arts
Ka Haka 'Ula O Ke'elikōlani College of Hawaiian Language	B.A., Hawaiian Studies	Undergoing review 2003–2004	

IV. OTHER PROGRAM CHANGES/ACTIONS

Campus/College	Nature of Action	Approval/Comments
UH Hilo	Graduate Division established separate from UHM	BOR approved 3/14/03

UH MĀNOA
ACADEMIC PROGRAM ACTIONS
2002-2003

**UNIVERSITY OF HAWAI'I AT MĀNOA
ACADEMIC PROGRAM ACTIONS
2002-2003**

PROCEDURES FOR PROGRAM REVIEW

Mānoa's academic program review process enables a campus Council on Program Reviews (COPR) or the Graduate Council (for certain programs) to conduct systematic evaluations of provisional and established programs every five to seven years. These reviews identify strengths and weaknesses and ensure program quality with respect to campus criteria and external accreditation standards.

For each review, a self-study report is completed following established guidelines set forth by Executive Policies E5.201, *Approval of New Academic Programs and Review of Academic Provisional Programs* and E5.202, *Review of Established Programs*. A review team composed of three faculty is appointed by the Vice Chancellor for Academic Affairs. For programs exclusively offering degrees at the graduate level, a review team is appointed by the Vice Chancellor for Research and Graduate Education. The review team evaluates the self-study report and conducts a review covering degree programs, assessment of learning outcomes, faculty research and service activities, departmental governance, climate and relationship with other campus units, faculty credentials and workload, and student activities and perceptions.

A report on the review team's findings and recommendations is presented to COPR with the department chair or program director and dean present to answer questions or clarify issues. An exit interview is held with the dean, the chair, and the vice chancellor to discuss COPR's recommendations and any agreed-upon actions. These reviews and recommendations form the basis for administrative decisions affecting the program. One year after the review, departments report to the vice chancellor via their deans on progress made in implementing the recommendations of COPR.

**UNIVERSITY OF HAWAII AT MĀNOA
ACADEMIC PROGRAM ACTIONS
JULY 1, 2002 - JUNE 30, 2003**

I. NEW ACADEMIC PROGRAMS

College or School	Program and Credential	Status	BOR Action/Comments
Business Administration	Undergraduate Certificate in Executive Accounting	Approved by Chancellor 4/15/03; effective fall 2003	
Languages, Linguistics and Literature	Undergraduate Certificate in Human Language and Computers	Approved by Chancellor 5/28/03; effective fall 2003	
Languages, Linguistics and Literature	Undergraduate Certificate in Language Acquisition	Approved by Chancellor 5/28/03; effective fall 2003	
Languages, Linguistics and Literature	Undergraduate Certificate in Language and Cognition	Approved by Chancellor 5/28/03; effective fall 2003	
Languages, Linguistics and Literature	Undergraduate Certificate in Languages of Hawai'i and the Pacific	Approved by Chancellor 5/28/03; effective fall 2003	
Languages, Linguistics and Literature	Undergraduate Certificate in Latin and Iberian Studies	Approved by Chancellor 4/15/03; effective fall 2003	
Languages, Linguistics and Literature	Undergraduate Certificate in Linguistics	Approved by Chancellor 5/28/03; effective fall 2003	
Languages, Linguistics and Literature	Undergraduate Certificate in Professional Writing	Approved by Chancellor 3/27/03; effective fall 2003	
Law	Law, LLM		Approved by BOR 10/18/02; effective fall 2003.
Natural Sciences	Marine Biology, BS		Approved by BOR 07/19/02; effective fall 2003.
Ocean and Earth Science and Technology (interdisciplinary)	MS and PhD in Chemical and Marine Bioprocess Engineering	Authorization to Plan approved by Chancellor 3/11/03	
Social Sciences	Graduate Certificate in Global Journalism Studies	Authorization to Plan approved by Chancellor 2/25/03	
Tropical Agriculture and Human Resources	Undergraduate Certificate in Agribusiness Management	Approved by Chancellor 3/27/03; effective fall 2003	
Tropical Agriculture and Human Resources	Minor in Plant Production and Management	Approved by Chancellor 12/4/02; effective spring 2003	

Should be removed?

II. PROVISIONAL PROGRAMS

College or School	Program and Credential	Status	Action/Comments
Architecture	ArchD	Provisional status to fall 2005	
Arts and Humanities	Music, PhD	Provisional status to fall 1997, review being completed spring 2003	Pending BOR approval for established status
Arts and Humanities	Religion, graduate certificate	Provisional status to spring 1996	
Languages, Linguistics and Literature	Korean, BA	Provisional status to spring 2007	
Languages, Linguistics and Literature	Philippine Language and Literature, BA	Provisional status to fall 2006	
Natural Sciences	Computer Science, PhD	Provisional status to fall 2002; undergoing review 2003–2004	
Natural Sciences	Information and Computer Sciences, BA	Provisional status to fall 2002; undergoing review 2003–2004	
Social Sciences	International Cultural Studies, graduate certificate	Provisional status to fall 2001; undergoing review 2003–2004	
Social Sciences	Peace Studies, undergraduate certificate	Provisional status to fall 1992; undergoing review 2003–2004	
Social Sciences	Women's Studies, graduate certificate	Provisional status to fall 2002; undergoing review 2003–2004	
Social Sciences	Urban and Regional Planning, PhD	Provisional status to spring 2007	
Business Administration	Human Resource Management, MHRM	Provisional status to spring 2003	
Business Administration	International Management, PhD	Provisional status to fall 2008	Stop-out fall 2001–spring 2003; Stop-out removed Fall 2003
Education	Early Childhood Education, MEd	Provisional status to fall 2004	
Education	Kinesiology and Leisure Science, MS		BOR granted established status 1/17/03
Education	Post-Baccalaureate Certificate in Special Education		Pending BOR approval for established status
Engineering	Civil Engineering, PhD	Provisional status to fall 1997	BOR granted established status 5/16/03
Engineering	Construction Engineering and Management, graduate certificate	Provisional status to fall 1997; undergoing review 2003–2004	
Engineering	Renewable Energy Engineering, graduate certificate	Provisional status to 1985	Terminated by Chancellor, 3/25/03

College or School	Program and Credential	Status	Action/Comments
Medicine	Biomedical Sciences, MS, PhD, subfield: Cell and Molecular Biology	Provisional status to spring 2005	
Nursing and Dental Hygiene	Nursing, PhD	Provisional status to fall 2003; undergoing review 2003–2004	
Social Work	Social Welfare, PhD	Provisional status to fall 1996	BOR granted established status 5/16/03
Travel Industry Management	Travel Industry Management, BS	Provisional status to fall 1995	BOR granted established status 1/17/03
Tropical Agriculture and Human Resources	Plant and Environmental Biotechnology, BS	Provisional status to fall 2005	
Tropical Agriculture and Human Resources	Natural Resources and Environmental Management, BS	Provisional status to fall 2005	
Tropical Agriculture and Human Resources	Tropical Plant and Soil Sciences, BS	Provisional status to fall 2005	

III. REVIEWS OF ESTABLISHED PROGRAMS

College or School	Program and Credential	Continuation/ Significant Changes	Stop-outs/ Terminations
Arts and Humanities	History, BA, MA, PhD	Review continuing	
Arts and Humanities	Music, undergraduate certificate, BA, BEd, BMus, MA, MMus, PhD	Continuation	
Arts and Sciences	Honors/Selective Studies Program	Continuation	
Languages, Linguistics & Literature	Interpretation, undergraduate certificate		Stop-out by Chancellor, 1/30/02 to spring 2003
Languages, Linguistics & Literature	Translation, undergraduate certificate		Stop-out by Chancellor, 1/30/03 to spring 2003
Natural Sciences	Library and Information Science, MLISc, graduate certificate	Review continuing	
Social Sciences	Anthropology, BA, MA, PhD	Review continuing	
Social Sciences	Urban and Regional Planning, MURP, graduate certificate	Continuation	
Engineering	Civil Engineering, BS, MS	Review continuing	
Engineering	Electrical Engineering, BS, MS, PhD	Continuation	
Engineering	Mechanical Engineering, BS, MS and PhD	Continuation	
Hawaiian, Asian and Pacific Studies	Asian Studies, graduate certificate		Terminated by Chancellor, 3/13/03

College or School	Program and Credential	Continuation/ Significant Changes	Stop-outs/ Terminations
Hawaiian, Asian and Pacific Studies	Center for Russia in Asia		Terminated by BOR, 5/16/03
Medicine	Medical Technology, BS, undergraduate certificate	Review continuing	
Medicine	Public Health, MS, MPH, graduate certificate	Continuation	
Medicine	Tropical Medicine and Medical Microbiology, MS, PhD	Review continuing	
Ocean and Earth Science and Technology	Ocean and Resources Engineering, MS, PhD	Review continuing	
Travel Industry Management	Travel Industry Management, MS	Continuation	

IV. OTHER PROGRAM CHANGES/ACTIONS

College or School	Nature of Action	Status/Action	Approval/Comments
Arts & Humanities	Program modification	MA in Music Education for on-line offering	Approved by Chancellor, 5/30/03 (WASC waived substantive change review)
Languages, Linguistics & Literature	Program name change	From: Language Telecommunications, Resource and Learning Center to: Language Learning Center	Approved by Chancellor, 8/6/02; effective fall 2002
Tropical Agriculture & Human Resources	Program name change	From: Plant Pathology to: Tropical Plant Pathology	Approved by Chancellor, 11/2/02; effective fall 2003
Education	Department reorganized	Department of Teacher Education & Curriculum Studies separated into the Department of Curriculum Studies and the Institute for Teacher Education; and creation of an Outreach Program Office	Approved by BOR 9/13/02
Business Administration	Program modification	MAcc in Accounting for online offering	Approved by UHM Vice Chancellor, Academic Affairs, 6/18/03 (WASC waived substantive change review)

**UH WEST O'AHU
ACADEMIC PROGRAM ACTIONS
2002-2003**

**UNIVERSITY OF HAWAII--WEST O'AHU
ACADEMIC PROGRAM ACTIONS
2002-2003**

BACKGROUND FOR PROGRAM REVIEW

The academic programs at the University of Hawai'i-West O'ahu have developed over the years as an educational alternative to other UH baccalaureate campuses. The emphasis has been on a strong interdisciplinary educational experience through pursuit of study in a broad area of concentration such as the Humanities, Social Sciences, or Professional Studies rather than limiting program emphasis to a single discipline. Within this area of concentration context, students are also required to develop competencies in multiple related academic areas of study.

The program review process focuses on:

- Review and revision of program and specialization learning objectives;
- Defining expected student learning outcomes upon graduation;
- Collection and analysis of data as prescribed in Executive Policies E5.201, Approval of New Academic Programs and Review of Provisional Academic Programs, and E5.202, Review of Established Programs; and
- Reaffirmation and/or modification of curricula and courses offered to assure cohesiveness of program offerings in line with expected learning outcomes.

In FY 1997-98, the University of Hawai'i-West O'ahu reviewed its established programs. The purpose of the review was to assess the effectiveness and cohesiveness of its academic programs. As a small, liberal arts institution serving undergraduate students, UH West O'ahu's process for the review of academic programs involved all faculty and administrators. As a result of those program reviews, the institution forwarded a proposal for the *Modification of the UH West O'ahu Degree Credentials* to the Board of Regents for action in July 1998.

During 2000-2001 UH West O'ahu adopted college-wide learning objectives which will be addressed in each program review. Subsequently, divisional and specialization learning outcomes were also adopted and will be used in program review. In March, 2003, UH West O'ahu began an extensive revision of its program review process. A new cycle of review has begun with the B.A. in Humanities currently being reviewed.

PROGRAM REVIEW PROCEDURES

Academic programs at UH West O'ahu are reviewed on a seven-year cycle. The Chancellor's office maintains the seven year schedule. Review of each academic program is scheduled to occur over the period of one academic year. During the first semester of each review, data will be collected, and an internal report will be written and submitted to the appropriate program unit for revision and approval. At the same time, names of external evaluators will be chosen. During the second semester, external evaluators will respond to the internal report, visit the campus, and draft a report. The final step in the procedure is the preparation of a Memorandum of Understanding that lists actions to be undertaken as a result of the review.

A detailed template for conducting program reviews has been developed and was approved by the UH West O'ahu Faculty Senate on May 2, 2003. This template calls for analysis, summary, and recommendations for action on the following major program components:

- Curriculum
- Faculty
- Students
- Resources and
- Learning Outcomes

A major emphasis in the program reviews is placed on UH West O'ahu's institutional, divisional, and specialization objectives.

PRESENT ACTIONS

The UH West O'ahu Program Review Committee is presently developing detailed procedures for program reviews, which will be submitted to the UH West O'ahu Faculty Senate for approval in Fall 2003. These procedures will cover the following components of program reviews:

- Purpose
- Goals
- Contents
- Process for preparing internal reports
- Process for conducting external evaluations
- Process for drafting Memorandum of Understanding
- Explanation and description of program review cycles and
- Handbook for conducting program reviews

**UNIVERSITY OF HAWAII—WEST O'AHU
ACADEMIC PROGRAM REVIEW
JULY 1, 2002 - JUNE 30, 2003**

I. NEW ACADEMIC PROGRAMS

Program	Degree/Certificate	Status	BOR Action/Comments
Environmental Studies	Certificate	Provisional until fall 2006	BOR approved 02/21/03; effective fall 2003

II. PROVISIONAL PROGRAMS

Program	Degree/Certificate	Status	BOR Action/Comments
Humanities	BA Specialization in Philosophy	Provisional until fall 2004	
Health Care Administration	Certificate	Provisional until fall 2004	
Social Sciences	BA Specialization in Economics	Provisional until fall 2004	
Substance Abuse & Addiction Studies	Certificate	Provisional until spring 2003. Due for BOR action summer 2003.	
Disaster Preparedness and Emergency Management	Certificate	Provisional until fall 2005	

III. REVIEWS OF ESTABLISHED PROGRAMS

No established programs were due for review during this academic year.

IV. OTHER PROGRAM CHANGES

No other program changes were made this academic year.

ATTACHMENTS

LISTING OF ABBREVIATIONS FOR
ACADEMIC CREDENTIALS

AA	Associate in Arts
AAS	Associate in Applied Science
ArchD	Architecture Doctorate
AS	Associate in Science
ASC	Academic Subject Area Certificate
ATS	Associate in Technical Studies
BA	Bachelor of Arts
BAS	Bachelor of Applied Science
BBA	Bachelor of Business Administration
B Ed	Bachelor of Education
BFA	Bachelor of Fine Arts
BMus	Bachelor of Music
BS	Bachelor of Science
BSW	Bachelor of Social Work
CA	Certificate of Achievement
CC	Certificate of Completion
DrPH	Doctor of Public Health
EdD	Doctor of Education
G Cert	Graduate Certificate
JD	Juris Doctor
LLM	Master of Law
MA	Master of Arts
MAcc	Master of Accounting
MBA	Master of Business Administration
MD	Doctor of Medicine
MEd	Master of Education
MEdT	Master of Education in Teaching
MFA	Master of Fine Arts
MHRM	Master of Human Resource Management
MLISC	Master of Library and Information Science
MMus	Master of Music
MPA	Master of Public Administration
MPH	Master of Public Health
MS	Master of Science
MSW	Master of Social Work
MURP	Master of Urban and Regional Planning
PB	Post baccalaureate Certificate
PDE	Professional Diploma in Education
PhD	Doctor of Philosophy
U Cert	Undergraduate Certificate

MASTER LIST OF CURRICULA OFFERED
UNIVERSITY OF HAWAI'I
FALL 2002

Institutional Research Office

University of Hawai'i

May 2003

File Reference: Management and Planning Support Folder, Curriculum

Reports available online at: <http://www.hawaii.edu/iro/maps.htm>

This report contains the official list of degree / certificate credentials offered at the University of Hawai'i. It is updated annually to reflect actions by the UH Board of Regents, the Chancellors and Senior Vice Presidents in accordance with authorized delegations.

TABLE 1
DEGREES OFFERED
UNIVERSITY OF HAWAII AT MANOA
FALL 2002

COLLEGE / SCHOOL AND DEGREE PROGRAM	EDUCATIONAL OBJECTIVE			
	BACHELOR'S DEGREE	MASTER'S DEGREE	DOCTOR'S DEGREE	OTHER
TOTAL	87	86	53	4
Colleges of Arts and Sciences	51	42	27	
American Studies	BA	MA	PhD	
Anthropology	BA	MA	PhD	
Art	BA, BFA	MA, MFA		
Astronomy		MS	PhD	
Biology	BA, BS			
Botany 1/	BA, BS	MS	PhD	
Chemistry	BA, BS	MS	PhD	
Chinese	BA			
Classics	BA			
Communication	BA	MA		
Communication & Information Sciences 2/			PhD	
Computer Science	BS		PhD	
Dance	BA	MA, MFA		
Dance Theatre	BFA			
East Asian Languages & Lit (Chinese)		MA	PhD	
East Asian Languages & Lit (Japanese)		MA	PhD	
East Asian Languages & Lit (Korean)		MA	PhD	
Economics	BA	MA	PhD	
English	BA	MA	PhD	
English as a Second Language		MA		
Ethnic Studies 3/	BA			
French	BA			
Geography	BA	MA	PhD	
German	BA			
Hawaiian	BA			
History	BA	MA	PhD	
Information and Computer Sciences	BA	MS		
Japanese	BA			
Journalism	BA			
Korean	BA			
Lang & Lit of Europe & Americas (Classics)		MA		
Lang & Lit of Europe & Americas (French)		MA		
Lang & Lit of Europe & Americas (German)		MA		
Lang & Lit of Europe & Americas (Russian)		MA		
Lang & Lit of Europe & Americas (Spanish)		MA		
Liberal Studies 4/	BA			
Liberal Studies (Women's Studies)	BA			
Library and Information Science		MLISC		
Linguistics		MA	PhD	
Marine Biology 5/	BS			
Mathematics	BA, BS	MA	PhD	
Microbiology 6/	BA, BS	MS	PhD	
Music	BA, BMus	MA, MMus	PhD	
Philippine Language and Literature 7/	BA			
Philosophy	BA	MA	PhD	
Physics	BA, BS	MS	PhD	
Political Science	BA	MA	PhD	

TABLE 1 (cont.)

COLLEGE / SCHOOL AND DEGREE PROGRAM	EDUCATIONAL OBJECTIVE			
	BACHELOR'S DEGREE	MASTER'S DEGREE	DOCTOR'S DEGREE	OTHER
Psychology	BA	MA	PhD	
Public Administration		MPA		
Religion	BA			
Religion (Asian)		MA		
Russian	BA			
Second Language Acquisition			PhD	
Sociology	BA	MA	PhD	
Spanish	BA			
Speech	BA	MA		
Theatre	BA	MA, MFA	PhD	
Urban and Regional Planning 8/		MURP	PHD	
Zoology	BA, BS	MS	PhD	
School of Hawaiian, Asian & Pacific Studies	2	2		
Asian Studies	BA	MA		
Hawaiian Studies	BA			
Pacific Islands Studies		MA		
School of Ocean and Earth Science and Technology	4	4	4	
Geology	BA			
Geology and Geophysics	BS	MS	PhD	
Global Environmental Science 9/	BS			
Meteorology	BS	MS	PhD	
Ocean & Resources Engineering		MS	PhD	
Oceanography		MS	PhD	
College of Business Administration	8	2	1	
Business Administration		MBA		
Communication & Information Sciences 2/			(PhD)	
Finance	BBA			
General Business	BBA			
Human Resource Management 10/	BBA	MHRM		
International Business	BBA			
International Management 11/			PhD	
Management	BBA			
Management Information Systems	BBA			
Marketing	BBA			
Real Estate	BBA			
School of Accountancy	1	1		
Accounting	BBA	MAcc		
School of Travel Industry Management	1	1		
Travel Industry Management 12/	BS	MS		

TABLE 1 (cont.)

COLLEGE / SCHOOL AND DEGREE PROGRAM	EDUCATIONAL OBJECTIVE			
	BACHELOR'S DEGREE	MASTER'S DEGREE	DOCTOR'S DEGREE	OTHER
College of Education	3	10	2	1
Counseling & Guidance		MEd		
Curriculum Studies 13/		MEd		
Early Childhood Education 14/		MEd		
Education			PhD	
Education (Teaching)		MEdT		
Educational Administration		MEd		
Educational Technology		MEd		
Educational Foundations		MEd		
Educational Psychology		MEd	PhD	
Elementary Education	BEd			
Kinesiology and Leisure Science 15/	BS	MS		
(Athletic Training)				
(Health / Exercise Science & Lifestyle Mgt)				
(Physical Education)				
(Recreation & Leisure Science)				
Professional Diploma in Education 16/				PDE
Secondary Education	BEd			
Special Education		MEd		
College of Engineering	3	3	3	
Civil Engineering	BS	MS	PhD	
Electrical Engineering	BS	MS	PhD	
Mechanical Engineering	BS	MS	PhD	
College of Tropical Agriculture and Human Resources ..	9	9	5	
Animal Sciences	BS	MS		
Apparel Product Design and Merchandising 17/	BS			
Bioengineering 18/	BS	MS		
Entomology		MS	PhD	
Family Resources	BS			
Food Science & Human Nutrition	BS			
Food Science		MS		
Molecular Biosciences and Bioengineering 19/		MS	PhD	
Natural Resources & Environmental Management 20/	BS	MS	PhD	
Nutritional Sciences		MS		
Plant and Environmental Biotechnology 21/	BS			
Plant and Environmental Protection Sciences 22/	BS			
Plant Pathology 23/		MS	PhD	
Tropical Plant and Soil Sciences 24/	BS	MS	PhD	
School of Architecture				1
Architecture 25/				ArchD
School of Law				1
Law				JD

TABLE 1 (cont.)

COLLEGE / SCHOOL AND DEGREE PROGRAM	EDUCATIONAL OBJECTIVE			
	BACHELOR'S DEGREE	MASTER'S DEGREE	DOCTOR'S DEGREE	OTHER
School of Medicine	2	10	9	1
Biomedical Sciences		MS	PhD	
Biomedical Sciences (Biochemistry)		MS	PhD	
Biomedical Sciences (Biophysics)		MS	PhD	
Biomedical Sciences (Biostats & Epidemiology)			PhD	
Biomedical Sciences (Cell and Molecular Bio) 26/		MS	PhD	
Biomedical Sciences (Pharmacology)		MS	PhD	
Biomedical Sciences (Physiology)		MS	PhD	
Biomedical Sciences (Tropical Medicine)		MS	PhD	
Medical Technology	BS			
Medicine				MD
Public Health		MS, MPH	DrPH	
Speech Pathology & Audiology	BS	MS		
School of Nursing and Dental Hygiene	2	1	1	
Dental Hygiene	BS			
Nursing	BS	MS	PhD	
School of Social Work	1	1	1	
Social Work	BSW	MSW		
Social Welfare			PhD	

- 1/ Name of MS and PhD programs changed from "Botanical Sciences (Botany)," effective Fall 2001.
- 2/ Joint program between the College of Arts & Sciences and the College of Business.
- 3/ BA program granted established status by the UH Board of Regents in June 2001.
- 4/ Liberal Studies BA degree provides for study in a variety of subjects, including individualized majors.
- 5/ BS program in Marine Biology approved by the UH Board of Regents in July 2002, effective Fall 2002.
- 6/ BS program granted established status by the UH Board of Regents in March 2001.
- 7/ BA program in Philippine Language and Literature approved by the UH Board of Regents in May 2002, effective Fall 2002.
- 8/ PhD program in Urban and Regional Planning approved by the UH Board of Regents in October 2001, effective Fall 2002.
- 9/ BS program granted established status by the UH Board of Regents in March 2002.
- 10/ Master's program in Human Resource Mgt approved by the UH Board of Regents in September 2000, effective Spring 2001.
- 11/ PhD program in International Management placed on stopout until Spring 2003, effective Fall 2001.
- 12/ BS program granted established status by the UH Board of Regents in January 2003.
- 13/ Action taken by the Chancellor to merge MEd programs in Elementary and Secondary Education into an MEd degree in Curriculum Studies, effective Fall 2002.
- 14/ MEd program in Early Childhood Education approved by the UH Board of Regents in March 2002, effective Fall 2002.
- 15/ Parenthetical options in Kinesiology and Leisure Science apply to the BS program only. MS program granted established status by the UH Board of Regents in January 2003.
- 16/ Professional Diploma in Education program provides professional development for practicing teachers; students may concentrate in either Elementary or Secondary education.
- 17/ Name changed from "Fashion Design and Merchandising," effective Fall 2001.
- 18/ Name changed from "Biosystems Engineering," effective Fall 2001.
- 19/ Name changed from "Botanical Sciences (Plant Physiology)," effective Fall 2001.
- 20/ BS program approved by the UH Board of Regents in June 2001, effective Fall 2001; replaces programs in Agriculture and Resource Economics and Agronomy and Soil Science. Action by the Manoa Chancellor in January 2002 to consolidate the MS and PhD programs in Agriculture and Resource Economics and Agronomy and Soil Science; effective Fall 2002.
- 21/ BS program established by the UH Board of Regents in June 2001, effective Fall 2001; replaces the BS program in General Agriculture.
- 22/ Name of BS program changed from "Entomology," effective Fall 2001.

TABLE 1 (cont.)

COLLEGE / SCHOOL AND DEGREE PROGRAM	EDUCATIONAL OBJECTIVE			
	BACHELOR'S DEGREE	MASTER'S DEGREE	DOCTOR'S DEGREE	OTHER

- 23/ Name of MS and PhD programs changed from "Botanical Sciences (Plant Pathology)," effective Fall 2001.
- 24/ BS program approved by the UH Board of Regents in June 2001, effective Fall 2001; consolidates elements of Agronomy and Soil Science and Tropical Horticulture programs. Action by the Manoa Chancellor in January 2002 to consolidate the MS and PhD program in Horticulture and elements of the MS and PhD program in Agronomy and Soil Science; effective Fall 2002.
- 25/ First-Professional program in Architecture (ArchD) approved by the UH Board of Regents in February 1999, effective Fall 1999. Incoming students are undergraduate level until portfolio review at end of fourth year. Students may then continue as graduate First-Professional or exit with a BA in Liberal Studies.
- 26/ Action by the UH Board of Regents in July 1999 to replace Genetics and Anatomy and Reproductive Biology subfields in Biomedical Sciences with a subfield in Cell and Molecular Biology (MS and PhD); effective Fall 1999.

SOURCES: Minutes of the Meetings of the UH Board of Regents; executive memoranda.

**TABLE 2
CERTIFICATES OFFERED
UNIVERSITY OF HAWAI'I AT MANOA
FALL 2002**

COLLEGE / SCHOOL AND PROGRAM	UNDERGRADUATE	GRADUATE
TOTAL	20	29
Colleges of Arts and Sciences	18	14
Advanced Library Information Studies		Certificate
Aging 1/	Certificate	
Clinical Psychology		Certificate
Conflict Resolution 2/		Certificate
East Asian Languages:		
Chinese Language	Certificate	
Japanese Language	Certificate	
Korean Language	Certificate	
Environmental Studies	Certificate	
Ethnic Studies	Certificate	
European Languages:		
Classics	Certificate	
French	Certificate	
German	Certificate	
Russian	Certificate	
Spanish	Certificate	
Historic Preservation		Certificate
Indo-Pacific Languages	Certificate	
Interpretation and Translation	Certificate	
International Cultural Studies 3/		Certificate
Music	Certificate	
Peace Studies	Certificate	
Planning Studies 4/		Certificate
Population Studies		Certificate
Public Administration		Certificate
Religion		Certificate
Resource Management 5/		Certificate
Russian Area Studies	Certificate	
Second Language Studies		Certificate
Sophomore Honors 6/	Certificate	
Telecom & Info Resource Mgt 7/		Certificate
Urban and Regional Planning 8/		Certificate
Women's Studies 9/	Certificate	Certificate
School of Hawaiian, Asian and Pacific Studies		7
Chinese Studies 10/		Certificate
Japanese Studies 10/		Certificate
Korean Studies 10/		Certificate
Pacific Islands Studies		Certificate
Philippine Studies 10/		Certificate
South Asian Studies 10/		Certificate
Southeast Asian Studies 10/		Certificate

TABLE 2 (cont.)

COLLEGE / SCHOOL AND PROGRAM	UNDERGRADUATE	GRADUATE
School of Ocean and Earth Science Technology	1	1
Marine Option	Certificate	
Ocean Policy		Certificate
College of Education		2
Post Baccalaureate in Secondary Education 11/		Certificate
Post Baccalaureate in Special Education 12/		Certificate
College of Engineering		2
Construction Engineering & Management		Certificate
Renewable Energy Engineering		Certificate
School of Medicine	1	2
Medical Technology Professional Intern 13/	Certificate	
Gerontology 14/		Certificate
Public Health		Certificate
School of Nursing		1
Nursing		Certificate

1/ Program administered by the Center on Aging; status changed from provisional to established in March 2001.

2/ Program administered by the Spark M. Matsunaga Institute for Peace in the College of Social Sciences; approved by the UH Manoa Chancellor in May 2002;

3/ Joint program of the College of Arts and Sciences and the East-West Center.

4/ Certificate program in planning designed for graduate students in related fields.

5/ Cooperative Program including the College of Arts & Sciences, the College of Tropical Agriculture and Human Resources and the East-West Center.

6/ Certificate awarded to students in Selected Studies program who meet certain performance standards.

7/ Program status changed from provisional to established in February 2002.

8/ Professional certificate program designed for practicing planners.

9/ Graduate Certificate in Advanced Women's Studies added in Fall 2000; Undergraduate Certificate granted established status in March 2001.

10/ Program status changed from provisional to established in January 2002.

11/ Post Baccalaureate program for the preparation of secondary school teachers; includes option for dual preparation in special education; program granted established status by the UH Board of Regents in January 2002.

12/ Post Baccalaureate program for individuals who hold or are eligible for licensure in elementary or secondary ed.

13/ Post Baccalaureate certificate awarded to students in medical technology following completion of clinical training at affiliated clinical facilities.

14/ Status changed from provisional to established in March 2001.

SOURCES: Minutes of the Meetings of the UH Board of Regents; executive memoranda.

**TABLE 3
DEGREES, SUBJECT CERTIFICATES AND
CERTIFICATES OF ACHIEVEMENT OFFERED
UNIVERSITY OF HAWAI'I AT HILO
FALL 2002**

COLLEGE AND PROGRAM	EDUCATIONAL OBJECTIVE		
	Bachelor's Degree	Master's Degree	Undergraduate Certificate 1/
TOTAL	32	3	20
College of Agriculture, Forestry and Natural Resource Mgt	1		3
Agriculture	BS		
Equine Science 2/			Certificate
Plant Tissue Culture 2/			Certificate
Tropical Forestry			Certificate
College of Arts and Sciences	30	2	14
School of Business			
Business Administration 3/	BBA		Certificate
Economics	BA		
Humanities Division			
Art	BA		
China-U.S. Relations 4/		MA	
English	BA		
Japanese Studies	BA		
Performing Arts 5/	BA		Certificate
Philosophy	BA		
Communication	BA		
Natural Sciences Division			
Astronomy 6/	BS		Certificate
Biology 7/	BA, BS		
Chemistry	BA		
Computer Science	BS		
Database Management			Certificate
E-Commerce Technology & Business 8/			Certificate
Geology 9/	BA, BS		
Marine Option Program 10/			Certificate
Marine Science	BA		
Mathematics	BA		
Natural Science	BA		Certificate
Nursing	BS		
Physics	BA		
Systems Modeling			Certificate
Social Sciences Division			
Administration of Justice 11/	BA		
Anthropology	BA		
Education		MEd	
Environmental Studies			Certificate
Geography	BA		
Health and Physical Education 12/	BA		
History	BA		

TABLE 3 (cont.)

COLLEGE AND PROGRAM	EDUCATIONAL OBJECTIVE		
	Bachelor's Degree	Master's Degree	Undergraduate Certificate 1/
International Studies	BA		Certificate
Pacific Island Studies			Certificate
Political Science			
Planning			Certificate
Psychology			BA
Sociology			BA
Teacher Education Program			
Women's Studies		Certificate	
Interdisciplinary Majors			Certificate
Liberal Studies	BA		
Linguistics	BA		
Haka 'Ula O Ke'elikolani	1	1	3
Basic Hawaiian Culture	BA	MA	Certificate
Hawaiian Language			Certificate
Hawaiian Language and Literature 13/			
Kahuawaiola Indigenous Teacher Education 14/			
Hawaiian Studies			

1/ Undergraduate certificates unless otherwise noted.

2/ Undergraduate Certificate approved by the Chancellor in October 2001, effective Spring 2002.

3/ Undergraduate Certificate approved by the Chancellor in February 2002, effective Fall 2002.

4/ MA program approved by the UH Board of Regents in January 2002, effective Fall 2002.

5/ BA program approved by the UH Board of Regents in November 2002, effective Spring 2003; replaces BA in Music and Drama concentration in Liberal Studies.

6/ Program granted established status by the UH Board of Regents in November 2002.

7/ Program granted established status by the UH Board of Regents in May 2002.

8/ Undergraduate Certificate approved by the the Chancellor in April 2002, effective Fall 2002.

9/ BA program approved by the UH Board of Regents in March 2002, effective Fall 2002.

10/ Undergraduate Certificate program; coordinated through UH Manoa.

11/ BA program approved by the UH Board of Regents in January 2002, effective Fall 2002.

12/ BA program approved by the UH Board of Regents in June 2002, effective Fall 2002.

13/ Program granted established status by the UH Board of Regents in September 2002.

14/ Program granted official status by the UH Board of Regents in January 2003; formerly called Hawaiian Medium Teacher Education.

SOURCES: Minutes of the Meetings of the UH Board of Regents; executive memoranda.

TABLE 4
DEGREES AND CERTIFICATES OFFERED
UNIVERSITY OF HAWAI'I - WEST O'AHU
FALL 2002

PROGRAM / CONCENTRATION	BACHELOR'S DEGREE	OTHER
TOTAL	4	3
Humanities	BA	
Literature Specialization		
Hawaiian-Pacific Studies Specialization		
History Specialization		
Philosophy Specialization		
Business Administration	BA	
Accounting Specialization		
General Business Admin Specialization		
Public Administration	BA	
Justice Administration Specialization		
General Public Administration Specialization		
Health Care Administration 1/		Certificate
Disaster Preparedness & Emergency Mgt 2/		Certificate
Social Sciences	BA	
Anthropology Specialization		
Economics Specialization		
Political Science Specialization 3/		
Psychology Specialization		
Sociology Specialization		
Substance Abuse and Addiction Studies		Certificate

1/ Undergraduate Certificate approved by the UH Board of Regents in April 2001, effective Fall 2001; can be earned as a stand alone certificate or as part of a degree in Public Administration.

2/ Undergraduate Certificate approved by the UH Board of Regents in June 2002, effective Fall 2002; can be earned as a stand alone certificate or as part of a degree in Public Administration.

3/ Program status changed from provisional to established in July 2001.

SOURCES: Minutes of the Meetings of the UH Board of Regents; executive memoranda.

TABLE 5
DEGREES AND CERTIFICATES OF ACHIEVEMENT OFFERED
UNIVERSITY OF HAWAII', COMMUNITY COLLEGES
FALL 2002

FIELD OF STUDY	UNIVERSITY OF HAWAII' COMMUNITY COLLEGES							
	HAWAII' Cert Degree	HONOLULU Cert Degree	KAPI'OLANI Cert Degree	KAUAI' Cert Degree	LEEWARD Cert Degree	MAUI Cert Degree	WINDWARD Cert Degree	
TOTAL 1/	14 21	19 28	9 18	11 13	5 9	23 21	2	
GEN AND PRE-PROFESSIONAL ED 2/	1	1	1	1	1	1	1	
Liberal Arts	AA	AA	AA	AA	AA	AA	AA	
CAREER AND TECHNICAL EDUCATION 2/	14 20	19 27	9 17	11 12	5 8	23 20	1	
Business	3 4		4 5	4 4	2 4	4 4		
Accounting	AAS		CA AS	CA AAS	CA AAS	CA AAS		
Business Careers						CA AAS		
Hotel Operations						CA AAS		
Hotel / Restaurant Operations			AS			CA AAS		
Information & Computer Science			AS		AS			
Information Technology	CA AS		CA AS					
Management:								
Supervisory Mgt								
Marketing	CA AAS		CA AS					
Office Administration & Technology	CA AAS		CA AS					
Travel & Tourism			CA AS	CA AAS	CA AAS	CA AAS		
Visitor Industry:								
Culinary Arts				CA AAS				
Hospitality Services				AAS				
Hotel Operations				CA				
Food Services	1 1		1 1		1 1	1 1		
Food Service	CA AAS		AS		CA AAS	CA AAS		
Culinary Arts			CA					

TABLE 5 (cont.)

FIELD OF STUDY	UNIVERSITY OF HAWAII COMMUNITY COLLEGES							
	HAWAII Cert Degree	HONOLULU Cert Degree	KAPIOLANI Cert Degree	KAUAI Cert Degree	LEEWARD Cert Degree	MAUI Cert Degree	WINDWARD Cert Degree	
Health Services	1	1	4	8	1	1	1	1
Diagnostic Medical Sonography			CA					
Exercise & Sport Science 3/			CA					
Medical Assisting			CA	AS				
Medical Laboratory Technician				AS				
Mobile Intensive Care Tech				AS				
Nursing:								
Associate Degree				AS				AS
Practical Nursing								CA
Occupational Therapy Assistant				AS				
Physical Therapist Assistant				AS				
Radiologic Technology				AS				
Respiratory Care				AS				
Public Services	1	2	7	9	1	1	1	4
Administration of Justice	AS			AAS				
Early Childhood Education	AS			AAS				
Fire & Environmental Emergency Response	CA		CA	AAS		CA	AS	CA
Human Services								
Community Service			CA	AAS				
Corrections			CA	AAS				
Early Childhood Education			CA	AAS				
Education Assistant			CA	AAS				
Elderly Service			CA	AAS				
Health Aide			CA	AAS				
Social Service Aide								
Industrial Education				AAS				
Paralegal			CA	AS				
Occupational & Environmental Safety Mgt					AS			
Trades and Technology	8	11	12	17	1	5	5	2
Aeronautics Maintenance Technology			CA	AS				
Agriculture	CA	AAS						

TABLE 5 (cont.)

FIELD OF STUDY	UNIVERSITY OF HAWAII COMMUNITY COLLEGES						
	HAWAII Cert Degree	HONOLULU Cert Degree	KAPI'OLANI Cert Degree	KAUAI Cert Degree	LEEWARD Cert Degree	MAUI Cert Degree	WINDWARD Cert Degree
Agriculture Careers:							
Horticulture & Landscape Maintenance						CA AAS	
Floriculture Management						CA AAS	
Nursery Management						CA AAS	
Vegetable Management						CA AAS	
Applied Trades							
Architectural Eng & CAD Tech 4/		AAS					
Auto Body Repair & Painting	AAS	CA AS					
Automotive Mechanics	CA AAS	CA AAS	CA AAS				
Automotive Mechanics Technology		CA AAS	CA AAS				
Automotive Technology					CA AAS		
Building Maintenance						CA AAS	
Carpentry	CA AAS			CA AAS			
Carpentry Technology		CA AAS					
Commercial Aviation		AS					
Communication Arts		AS					
Computing, Electronics & Networking Tech		AS					
Cosmetology		CA AAS					
Diesel Mechanics	CA AAS						
Diesel Mechanics Technology		CA AAS					
Drafting Technology						CA	
Electrical Installation & Maintenance Tech							
Electronic & Computer Engineer Tech:	CA AAS	CA AAS	CA AAS				
Electronic Engineering Tech						CA AS	
Computer Engineering Tech						CA AS	
Electronics Technology	AAS						
Fashion Technology		CA AAS					
Hawaiian Life Styles 5/	AAS						
Marine Technologies:							
Boat Maintenance & Repair							
New Media Arts 6/							
Refrigeration & Air Conditioning Tech							
Sheet Metal & Plastics Technology		CA AAS					
Sustainable Technology 7/		CA AAS					
Television Production					CA AS		
Trop Forest Ecosys Mgt & Agroforestry 8/	CA AS						
Welding Technology	CA AAS						
Welding & Sheet Metal						CA	

TABLE 5 (cont.)

FIELD OF STUDY	UNIVERSITY OF HAWAII COMMUNITY COLLEGES						
	HAWAII Cert Degree	HONOLULU Cert Degree	KAPI'OLANI Cert Degree	KAUA'I Cert Degree	LEEWARD Cert Degree	MAUI Cert Degree	WINDWARD Cert Degree
Career & Technical Education, Other:	1	1	1	1	1	1	1
Interdisciplinary Program 9/	ATS	ATS	ATS	ATS	ATS	ATS	ATS

Note: Certificates of Completion are listed in Table 6.

- 1/ The degree / certificate totals in this table do not necessarily reflect the actual number of programs at each campus. The counts are based purely upon occurrences within the table, regardless of whether certificates are awarded at the program level or are program specializations.
 - 2/ Names changed from "General and Pre-Professional" to "General and Pre-Professional Education" and from "Vocational Education" to "Career and Technical Education," effective Fall 2000.
 - 3/ Program in Exercise & Sports Science established at Kapi'olani CC, effective Fall 2001.
 - 4/ Name of program at Hawaii CC changed from Drafting & Engineering Aide, effective Fall 2002.
 - 5/ Name of program at Honolulu CC changed from Drafting Technology, Engineering Option terminated and AAS degree redesignated AS degree, effective Fall 2001.
 - 6/ AAS degree program in Hawaiian Life Styles established at Hawaii CC, effective Spring 2002.
 - 7/ Program in New Media Arts established at Kapi'olani CC, effective Fall 2001.
 - 8/ Program in Sustainable Technology established at Maui CC in April 2001.
 - 9/ Program in Tropical Forest Ecosystem and Agroforestry Management established at Hawaii CC in Fall 2002.
- 9/ Associate in Technical Studies (A. T. S.) is a customized technical-occupational-professional associate degree approved by the UH Board of Regents in March 1996.

TABLE 6
CERTIFICATES OF COMPLETION OFFERED
UNIVERSITY OF HAWAII', COMMUNITY COLLEGES
FALL 2002

FIELD OF STUDY	UNIVERSITY OF HAWAII' COMMUNITY COLLEGES						
	HAWAII'	HONOLULU	KAPI'OLANI	KAUAI'	LEEWARD	MAUI	WINDWARD
CAREER AND TECHNICAL EDUCATION 1/	6	11	11	6	11	15	4
Business:							
Accounting:							
Payroll Accounts Clerk 2/							
Hotel Operations	CC		CC			CC	
Hotel / Restaurant Operations			CC				
Information and Computer Science:							
Basic Networking			CC		CC		
Advanced Networking					CC		
Information Technology							
Management:							
Sales & Marketing					CC		
Office Administration and Technology	CC			CC	CC		
General Office Clerk						CC	
Receptionist						CC	
Marketing:							
Entrepreneurship (Small Business)			CC				
Visitor Industry:							
Culinary Arts				CC			
Hotel Operations				CC			
Workplace Readiness				CC			
Food Services							
Food Service	CC						
Baking					CC		
Culinary Arts			CC				
Dining Room Service			CC				
Dining Room Supervision					CC		
Pastry Cook						CC	
Patisserie			CC				
Preparation Cook					CC		
Health Services							
Health Sciences:							
Community Health Worker			CC				
Dental Assisting			CC				

TABLE 2 (cont.)

FIELD OF STUDY	UNIVERSITY OF HAWAII COMMUNITY COLLEGES						
	HAWAII	HONOLULU	KAPI'OLANI	KAUA'I	LEEWARD	MAUI	WINDWARD
Emergency Medical Services: Emergency Medical Technician Nursing: Care Home Operator	CC		CC				
Public Services Early Childhood Education Human Services Adult Services Early Childhood Education Substance Abuse Counseling Legal Secretary Mental Health	CC CC	CC CC	CC		CC	CC	CC
Trades and Technology Agriculture Careers: Turfgrass Specialist Vegetable Crop Production Agricultural Technology Plant Landscaping: Landscape Maintenance Landscape & Turf Management Auto Body Repair & Painting: Auto Body Refinishing Corrosion Automotive Mechanics Technology 3/ Engine Performance Automotive Technology Cosmetology: Cosmetology for Teacher Trainees Ethetics in Cosmetology Diesel Mechanics Technology: Brake Systems Differential Rebuilding Lubrication & Servicing Transmission Rebuilding Electrical Installation & Maintenance Tech Facilities Engineering Technology Fashion Technology Dressmaker Fashion-Fabric Salesperson Seamstress						CC CC CC CC CC CC CC	CC CC CC CC CC CC

TABLE 6 (cont.)

FIELD OF STUDY	UNIVERSITY OF HAWAII COMMUNITY COLLEGES						
	HAWAII	HONOLULU	KAPI'OLANI	KAUAI	LEEWARD	MAUI	WINDWARD
Media Production 4/					CC		
Television Production					CC		
Welding					CC		
Basic Welding						CC	
Intermediate Welding						CC	

1/ The certificate totals in this table do not necessarily reflect the actual number of programs at each campus. The counts are based only upon occurrences within the table, regardless of whether certificates are at the program level or are program specializations.
 2/ Program termination has been requested; official action pending.
 3/ Program approved by the UHCC Chancellor in July 2000.
 4/ Formerly called "Digital Media."

APPENDIX A EDUCATIONAL OBJECTIVES

IN ALPHA ORDER		IN PROGRAM LEVEL ORDER	
AA	ASSOCIATE IN ARTS	CC	CERTIFICATE OF COMPLETION
AAS	ASSOC IN APPLIED SCIENCE	CA	CERTIFICATE OF ACHIEVEMENT
ARCHD	ARCHITECTURE DOCTORATE	AA	ASSOCIATE IN ARTS
AS	ASSOCIATE IN SCIENCE-COLLEGE TRANSFER	AAS	ASSOC IN APPLIED SCIENCE
ATS	ASSOCIATE IN TECHNICAL STUDIES	AS	ASSOC IN SCIENCE-COLLEGE TRANSFER
BA	BACHELOR OF ARTS	ATS	ASSOC IN TECHNICAL STUDIES
BBA	BACHELOR OF BUSINESS ADMINISTRATION	BA	BACHELOR OF ARTS
BED	BACHELOR OF EDUCATION	BBA	BACHELOR OF BUSINESS ADMINISTRATION
BFA	BACHELOR OF FINE ARTS	BED	BACHELOR OF EDUCATION
BMUS	BACHELOR OF MUSIC	BFA	BACHELOR OF FINE ARTS
BS	BACHELOR OF SCIENCE	BMUS	BACHELOR OF MUSIC
BSW	BACHELOR OF SOCIAL WORK	BS	BACHELOR OF SCIENCE
CA	CERTIFICATE OF ACHIEVEMENT	BSW	BACHELOR OF SOCIAL WORK
CC	CERTIFICATE OF COMPLETION	GCERT	GRADUATE CERTIFICATE
DRPH	DOCTOR OF PUBLIC HEALTH	PB	POST BACCALAUREATE CERTIFICATE
GCERT	GRADUATE CERTIFICATE	PDE	PROFESSIONAL DIPLOMA IN EDUCATION
JD	JURIS DOCTOR	UCERT	UNDERGRADUATE CERTIFICATE
MA	MASTER OF ARTS	MA	MASTER OF ARTS
MACC	MASTER OF ACCOUNTING	MACC	MASTER OF ACCOUNTING
MBA	MASTER OF BUSINESS ADMINISTRATION	MBA	MASTER OF BUSINESS ADMINISTRATION
MD	DOCTOR OF MEDICINE	MED	MASTER OF EDUCATION
MED	MASTER OF EDUCATION	MEDT	MASTER OF EDUCATION IN TEACHING
MEDT	MASTER OF EDUCATION IN TEACHING	MFA	MASTER OF FINE ARTS
MFA	MASTER OF FINE ARTS	MHRM	MASTER OF HUMAN RESOURCE MANAGEMENT
MHRM	MASTER OF HUMAN RESOURCE MANAGEMENT	MLISC	MASTER OF LIB & INFO SCI
MLISC	MASTER OF LIB & INFO SCI	MMUS	MASTER OF MUSIC
MMUS	MASTER OF MUSIC	MPA	MASTER OF PUBLIC ADMINISTRATION
MPA	MASTER OF PUBLIC ADMINISTRATION	MPH	MASTER OF PUBLIC HEALTH
MPH	MASTER OF PUBLIC HEALTH	MS	MASTER OF SCIENCE
MS	MASTER OF SCIENCE	MSW	MASTER OF SOCIAL WORK
MSW	MASTER OF SOCIAL WORK	MURP	MASTER OF URBAN PLANNING
MURP	MASTER OF URBAN PLANNING	DRPH	DOCTOR OF PUBLIC HEALTH
PB	POST BACCALAUREATE CERTIFICATE	PHD	DOCTOR OF PHILOSOPHY
PDE	PROFESSIONAL DIPLOMA IN EDUCATION	ARCHD	ARCHITECTURE DOCTORATE
PHD	DOCTOR OF PHILOSOPHY	JD	JURIS DOCTOR
UCERT	UNDERGRADUATE CERTIFICATE	MD	DOCTOR OF MEDICINE