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PRESIDENT'S OFFICE

December 21, 2007

## MEMORANDUM

**TO:** Allan R. Landon  
Chairperson, Board of Regents

**VIA:** David McClain  
President

A handwritten signature in black ink that reads 'David McClain'.

**FROM:** Linda K. Johnsrud  
Vice President for Academic Planning and Policy

A handwritten signature in black ink that reads 'Linda K. Johnsrud'.

**SUBJECT: INFORMATION ITEM: ACADEMIC PROGRAM ACTIONS STATUS REPORT, 2006-2007**

In accordance with Board and Executive policy, I am pleased to transmit for the Board's information a report on academic program actions made by the Board or by campus administrators during 2006-2007. This report provides information on the current status of new and provisional programs and the review of established programs at the UHM, UHH, UHWO, and UH Community Colleges. 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 and university missions.

The report is in several sections:

- An introduction which highlights the University policies related to academic program approval and review;
- Sections on academic program actions for New Programs and Certificates, Provisional Programs and Certificates, Established Programs and Certificates, Other Academic Actions and Review of Established Programs.

The Chief Academic Officers and I would be pleased to respond to questions at the Board's convenience.

## Enclosure

c: Interim Executive Administrator/Secretary BOR Pang  
Council of Chancellors  
OVPAPP Managers

Vice Presidents  
Council of Chief Academic Officers

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**UNIVERSITY OF HAWAI'I**  
**ACADEMIC PROGRAM ACTIONS REPORT, 2006-2007**  
**(Updated: 12/21/07)**

## **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 regarding academic program actions during the 2006-2007 AY at UH Manoa, UH Hilo, UH West O'ahu, and the UH Community Colleges. 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.

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.

Highlights of University policy provisions relating to academic program 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 at least once every five years (comprehensive review) at the UH Community Colleges and on a five- to seven-year cycle at UH Hilo, UH Manoa, and UH West O'ahu.
- Termination of provisional and established programs involves Board of Regents action.
- The President may 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 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 certificates of completion at the Community Colleges and subject certificates at all campuses that recognize work taken within (or among) existing Board authorized academic programs.

A summary of Board of Regents and University actions relating to new, provisional, and established programs including a summary of the program reviews for 2006-2007 are listed below. A list of abbreviations is provided as Attachment 1, and the URL web link to the University's official *Master List of Curricula Offered, Fall 2006*, is located in Attachment 2.

**UNIVERSITY OF HAWAII**  
**ACADEMIC PROGRAM ACTIONS REPORT, 2006-2007**  
**(Updated: 12/21/07)**

**I. New Program and Certificate Actions**

**A. New Academic Programs Approved by the Board of Regents**

1. BA, Women's Studies, UH Mānoa, Approved by BOR, 05/17/07.
2. Graduate Certificate, Public Policy, UH Mānoa, Approved by BOR, 07/21/06.
3. BBA, Accounting, UH Hilo, Approved by BOR, 05/2007.
4. Pharm D., Pharmacy, UH Hilo, Approved by BOR, 11/2006.
5. BAS, UH West O'ahu, Approved by BOR, 11/2006.
6. BEd, Elementary Education, UH West O'ahu, Approved by BOR, 01/2007.
7. AS, Natural Science with concentrations in Life Science and Physical Science, Kapi'olani CC, Approved by BOR, 03/15/07.
8. AS, Electronics Technology, Kaua'i CC, Approved by BOR, 09/22/2006.

**B. New Certificates and Minors Approved by Campus Administration**

1. Undergraduate Certificate, Pidgin and Creole Studies, UH Mānoa, Approved by Chancellor, 05/30/07, effective date 05/30/07.
2. CC in Agriculture, with a concentration in Farm Worker, Hawai'i CC, Approved by Chancellor, 02/07, effective date Fall 2005.
3. CC in Agriculture, with a concentration in Landscape Worker, Hawai'i CC, Approved by Chancellor, 02/07, effective date Fall 2005.
4. CC, Customer Service, Kapi'olani CC, Approved by Chancellor, 07/03/2007, effective date Fall 2007.
5. CC, Payroll Preparer, Kapi'olani CC, Approved by Chancellor, 02/04/2007, effective date Fall 2007.
6. CC, Tax Preparer, Kapi'olani CC, Approved by Chancellor, 02/04/2007, effective date Fall 2007.
7. CO, Management, Kapi'olani CC, Approved by Chancellor, 07/03/2007, effective date Fall 2007.
8. CO, Entrepreneurship, Kapi'olani CC, Approved by Chancellor, 07/03/207, effective date Fall 2007.
9. CO, Database Administration, Kapi'olani CC, Approved by Chancellor, 02/07/2007, effective date Fall 2007.
10. CO, Help Desk Services, Kapi'olani CC, Approved by Chancellor, 02/07/2007, effective date Fall 2007.
11. CO, Programming, Kapi'olani CC, Approved by Chancellor, 02/07/2007, effective date Fall 2007.
12. CO, Retailing, Kapi'olani CC, Approved by Chancellor, 10/02/2007, effective date Fall 2007.
13. ASC, International Studies, Kapi'olani CC, Approved by Chancellor, 02/02/2007, effective date Fall 2007.
14. CC, Business Essentials, Leeward CC, Approved by Chancellor, 02/08/06, effective Fall 2006.
15. CC, Office Coordinator, Leeward CC, Approved by Chancellor, 05/31/07, effective Fall 2007.

16. CC, Medical Receptionist, Leeward CC, Approved by Chancellor, 05/31/07, effective Fall 2007.
17. CO, Management Foundations, Leeward CC, Approved by Chancellor, 02/08/06, effective Fall 2006.
18. CO, Retail Foundations, Leeward CC, Approved by Chancellor, 02/08/06, effective Fall 2006.
19. ASC, Accounting, Leeward CC, Approved by Chancellor, 08/01/06, effective Fall 2006.
20. ASC, Business Technology, Leeward CC, Approved by Chancellor, 08/01/06, effective Fall 2006.
21. ASC, Management, Leeward CC, Approved by Chancellor, 08/01/06, effective Fall 2006.
22. ASC, Writing, Leeward CC, Approved by Chancellor, 02/08/06, effective Fall 2006.
23. ASC, Writing, Business, and Creative Tracks, Leeward CC, Approved by Chancellor, 05/17/07, effective Fall 2007.
24. CC, Medical Assistant I, Maui CC, Approved by Chancellor, 04/03/07, effective date Fall 2004
25. CO, Hospitality and Tourism, Maui CC, Approved by Chancellor, 06/12/07, effective Fall 2005.

C. Authorization to Plan New Academic Programs Approved by Campus Administration

1. PhD, Travel Industry Management, UH Mānoa, Approved by Chancellor, 03/01/07.
2. BBA, Entrepreneurship, UH Mānoa, Approved by Chancellor, 02/16/07.
3. Graduate Certificate, Entrepreneurship, UH Mānoa, Approved by Chancellor, 02/16/07.
4. BBA, Accounting, UH Hilo, Approved by the Chancellor, 01/2007.
5. BS, Marine Sciences. UH Hilo, Approved by the Chancellor, 06/2007.
6. AS, Music and Entertainment Learning Experience, Honolulu CC, Approved by Chancellor, 05/25/06.
7. AS, Natural Science, Kapi'olani CC, Approved by Chancellor, 02/04/07.
8. CA, Veterinary Technology, Windward CC, Approved by Chancellor, 06/27/07.

## II. Provisional Programs and Certificate Actions

A. Provisional Programs Granted Established Status by the Board of Regents

1. BA, Administration of Justice, UH Hilo, Approved by BOR, 10/2006.
2. BA, Geology, UH Hilo, Approved by BOR, 10/2006.
3. AS, Commercial Aviation, Honolulu CC, Approved by BOR, 05/2006.
4. AS, New Media Arts, Kapi'olani CC, Approved by BOR, 05/16/07.
5. AS, Digital Media Production, Leeward CC, Approved by BOR, 03/16/06.
6. AA, Teaching, Leeward CC, Approved by BOR, 08/01/06.

B. Provisional Programs Granted Established Status by Campus Administrators

1. Graduate Certificate, Second Language Studies, UH Mānoa, Approved by Chancellor, 02/15/07.
2. Certificate in Agribusiness Management, UH Mānoa, Approved by Chancellor, 07/26/2007.

C. Extension of Provisional Program Status by Board of Regents: None

D. Stop-out of Provisional Programs by Campus Administration

1. AS, eBusiness, Kapi'olani CC, Chancellor approved stop-out for a maximum of two years; effective Spring 2007

E. Removal of Stop-out of Provisional Program by Campus Administration: None

F. Termination of Provisional Program by Board of Regents

1. Advanced CA, Diagnostic Medical Sonography, Kapi'olani CC, Terminated by BOR, 05/16/2007.
2. AS in New Media Arts, Information Architecture Specialization only, Kapi'olani CC, Terminated by BOR, 05/16/07.

G. Ongoing Provisional Programs

<b>College or School</b>	<b>Program and Credential</b>	<b>Provisional Until / Comments</b>
<b><i>UH Mānoa</i></b>		
<i>Architecture</i>	<i>ArchD, Architecture</i>	<i>Fall 2006</i>
<i>Arts &amp; Humanities</i>	<i>Graduate Certificate, Museum Studies</i>	<i>Spring 2007</i>
<i>Business</i>	<i>Undergraduate Certificate, Executive Accounting</i>	<i>Spring 2006; review ongoing, 2007-2008</i>
	<i>MHRM, Human Resource Management</i>	<i>Fall 2005; review ongoing, 2007-2008</i>
	<i>PhD, International Management</i>	<i>Spring 2009; stop-out Fall 2001-Spring 2003; stop-out removed Fall 2003. Review ongoing, 2007-2008</i>
<i>Education</i>	<i>MEd, Early Childhood Education</i>	<i>Spring 2008, provisional status extension approved by BOR 11/17/04. Undergoing review, 2007-2008</i>
	<i>Graduate Certificate, Disability and Diversity Studies</i>	<i>Spring 2007. Undergoing review 2007-2008</i>
<i>Engineering</i>	<i>Graduate Certificate, Telecommunication and Entrepreneurship</i>	<i>Spring 2008; President approved 12/22/05</i>
<i>Hawaiian, Asian and Pacific Studies</i>	<i>MA, Hawaiian Studies (As of July 1, 2007, program within new School of Hawaiian Knowledge)</i>	<i>Fall 2007. Undergoing review</i>
<i>Languages, Linguistics and Literature</i>	<i>MA, Hawaiian (As of July 1, 2007, program within new School of Hawaiian Knowledge)</i>	<i>Fall 2007</i>
	<i>Undergraduate Certificate, Human Language and Computers</i>	<i>Spring 2006; review ongoing 2007-2008</i>

	<i>BA, Korean</i>	<i>Spring 2007; undergoing review 2007-2008</i>
	<i>Undergraduate Certificate, Language Acquisition</i>	<i>Spring 2006; review ongoing 2007-2008</i>
	<i>Undergraduate Certificate, Language and Cognition</i>	<i>Spring 2006; review ongoing 2007-2008</i>
	<i>Undergraduate Certificate, Language of Hawai'i and the Pacific</i>	<i>Spring 2006; review ongoing 2007-2008</i>
	<i>Undergraduate Certificate, Latin America and Iberian Studies</i>	<i>Spring 2006; review ongoing 2007-2008</i>
	<i>Undergraduate Certificate, Linguistics</i>	<i>Spring 2006; review ongoing 2007-2008</i>
	<i>BA, Philippine Language and Literature</i>	<i>Fall 2006. Review completed; to BOR for established status in Spring 2008</i>
	<i>Undergraduate Certificate, Professional Writing</i>	<i>Spring 2006; review ongoing 2007-2008</i>
	<i>Graduate Certificate, Second Language Studies</i>	<i>Review complete. Chancellor approved established status 2/15/07</i>
<i>Law</i>	<i>LLM, Master in Law for Foreign Professionals</i>	<i>Fall 2005; review ongoing 2007-2008</i>
<i>Medicine</i>	<i>MS and PhD, Biomedical Sciences, subfield: Cell and Molecular Biology</i>	<i>Spring 2005; review ongoing 2007-2008</i>
<i>Natural Sciences</i>	<i>PhD, Information &amp; Computer Sciences</i>	<i>Fall 2002, review ongoing</i>
	<i>BA, Information &amp; Computer Sciences</i>	<i>Fall 2002, review ongoing</i>
	<i>BS, Ethnobotany</i>	<i>Provisional until 2009</i>
<i>Social Sciences</i>	<i>Undergraduate Certificate, Human Resources and Organizational Management</i>	<i>Spring 2007. Undergoing review 2008-09</i>
	<i>Undergraduate Certificate, Political Economy</i>	<i>Spring 2007. Undergoing review 2008 – 2009</i>
	<i>Undergraduate Certificate, Social Science and Health</i>	<i>Spring 2007. Undergoing review 2008 - 2009</i>
	<i>Graduate Certificate, Conflict Resolution</i>	<i>Fall 2004, review ongoing</i>
	<i>Graduate Certificate, Advanced Women's Studies</i>	<i>Review completed; to BOR for established status in March 2008</i>
	<i>PhD, Urban and Regional Planning</i>	<i>Spring 2007. Undergoing review 2008 – 2009</i>
	<i>PhD, Communications and Information Sciences (Interdisciplinary)</i>	<i>Review completed; to BOR for established status in Spring 2008</i>
	<i>BA, Women's Studies</i>	<i>Provisional until 2011.</i>
<i>Travel Industry Management</i>	<i>Undergraduate Certificate, Sustainable Tourism</i>	<i>Fall 2006; review ongoing 2007-2008</i>

<i>Tropical Agriculture &amp; Human Resources</i>	<i>BS, Plant &amp; Environmental Biotechnology</i>	<i>Fall 2005; undergoing review 2006-2007</i>
	<i>BS, Natural Resources and Environmental Management</i>	<i>Fall 2005; undergoing review 2006-2007</i>
	<i>BS, Tropical Plant and Soil Science</i>	<i>Fall 2005. Review completed; to BOR for established status in Spring 2008</i>
<b>UH Hilo</b>		
<i>Arts &amp; Sciences</i>	<i>MA, China-U.S. Relations</i>	<i>Provisional till Fall 2007</i>
<i>Arts &amp; Sciences</i>	<i>MA, Counseling Psychology</i>	<i>Provisional till Fall 2007</i>
<i>Arts &amp; Sciences</i>	<i>MS, Tropical Conservation Biology &amp; Environmental Sciences</i>	<i>Provisional till Fall 2007</i>
<i>Hawaiian Language</i>	<i>Post-Baccalaureate Certificate, Indigenous Teacher Education</i>	<i>Provisional till Fall 2008</i>
<i>Arts &amp; Sciences</i>	<i>BA, Performing Arts</i>	<i>Provisional till Fall 2008</i>
<i>Pharmacy</i>	<i>Pharm D, Pharmacy</i>	<i>Provisional till Fall 2013</i>
<i>Business &amp; Economics</i>	<i>BBA, Accounting</i>	<i>Provisional till Fall 2013</i>
<i>Arts &amp; Sciences</i>	<i>BA, Health &amp; Physical Education</i>	<i>Provisional till Fall 2006</i>
<b>UHWO</b>		
<i>Social Sciences</i>	<i>Certificate in Environmental Studies</i>	<i>Fall 2006</i>
<i>Professional Studies</i>	<i>Certificate in Disaster Preparedness &amp; Emergency Management</i>	<i>Fall 2005</i>
<i>Professional Studies</i>	<i>Certificate in Health Care Administration</i>	<i>Fall 2008</i>
<b>Hawai'i CC</b>		
	<i>CA, CC, AAS, Hotel Operations</i>	<i>Fall 2007</i>
<b>Honolulu CC</b>		
<i>None</i>		
<b>Kapi'olani CC</b>		
	<i>AS, eBusiness</i>	<i>Fall 2007</i>
	<i>AS, CA, Exercise &amp; Sport Science</i>	<i>Provisional until fall 2007</i>
	<i>CA, Biotechnician</i>	<i>Provisional until fall 2007</i>
	<i>AS, CC, Educational Paraprofessional</i>	<i>Provisional until fall 2007</i>
	<i>AS, CC, Interpreting: Educational</i>	<i>Provisional until fall 2008</i>
<b>Kaua'i CC</b>		
<i>None</i>		



<b>Leeward CC</b>		
<i>None</i>		
<b>Maui CC</b>	<i>AAS, CA, Sustainable Technology</i>	<i>Fall 2003 will request established status in 2006-2007 AY. Plans in place to modify program effective Spring 2008</i>
	<i>BAS, Applied Business &amp; Information Technology</i>	<i>Summer 2007</i>
<b>Windward CC</b>		
<i>None</i>		

### III. Established Programs and Certificate Actions

#### A. Changes to Established Programs Approved by the Board of Regents:

1. MA, Classics, UH Mānoa, Terminated by BOR, 10/2006.
2. MA, German, UH Mānoa, Terminated by BOR, 10/2006.
3. MA, Russian, UH Mānoa, Terminated by BOR, 10/2006.
4. AAS to AS, Early Childhood Education, Honolulu CC, Approved by BOR, 07/2006.
5. AAS in Human Services delete 5 of 6 options, maintaining the Community Services option as the curriculum of the AAS degree, Honolulu CC, Approved by BOR, 07/2006.
6. AAS to AS, Electronic Technology Program, Kaua'i CC, Approved by BOR, 06/22/2007.

#### B. Changes to Established Programs approved by Campus Administrations

1. Terminations: None.
2. Stop-out of admission in established programs:
  - a. MEd in Counseling and Guidance, UH Mānoa, Stop-out Approved by Chancellor, 04/23/07 till Spring 2008.
  - b. AS, Occupational Therapy Assistant, Kapi'olani CC, Stop-out Approved by Chancellor for a Maximum of Two Years
3. Stop-out of admission to established program removed: None
4. Name Changes:
  - a. Name change from Undergraduate Certificate, Cambodian to Undergraduate Certificate, Khmer (Cambodian), UH Mānoa, Approved by Chancellor, 04/14/07
  - b. Name change from Health & Physical Education to Kinesiology and Exercise Science, UH Hilo, Approved by President, 09/2007.
  - c. Name change from Food Service to AAS in Culinary Arts, Leeward CC, Approved by Chancellor, 04/07/2005; effective Fall 2005.
  - d. Name change from ASC, Pre-ICS to ASC, ICS, Leeward CC, Approved by Chancellor, 04/19/2007; effective Fall 2007.
  - e. Name change from ASC, Pre-Business to ASC, Business, Leeward CC, Approved by Chancellor, 04/19/2007; effective Fall 2007.
  - f. Change program name from Hotel Operations (HOPE) to Hospitality & Tourism (HOST), Maui CC, Approved by President, 06/15/2007.

#### IV. Other Related Academic Actions

- A. Program modifications: Approved by BOR:
1. To establish a School of Hawaiian Knowledge, UH Mānoa, Approved by BOR, 05/2007.
  2. To rename the School of Hawaiian, Asian and Pacific Studies to the School of Pacific and Asian Studies to reflect movement of Hawaiian Studies to School of Hawaiian Knowledge, UH Mānoa, Approved by BOR, 05/2007.
  3. To establish a Public Policy Center, UH Mānoa, Approved by BOR, 07/2006.
  4. Approval of offering of general education and lower division, UH West O'ahu, Approved by BOR, 11/2006.
  5. Revision of Mission Statement, UH West O'ahu, Approved by BOR, 11/2006.
- B. Program modifications: Approved by President: None.
- C. Program modifications: Approved by Campus Chancellor
1. Change in Program Requirement of CA, Early Childhood Education, Hawai'i CC, Approved by Chancellor, 12/2006.
  2. Change in Program Requirement of AAS/CA, Electrical Installation & Maintenance Tech, Hawai'i CC, Approved by Chancellor, 12/2006.
  3. Change in Program Requirement of AAS/CA, Carpentry, Hawai'i CC, Approved by Chancellor, 04/2007.
  4. Change in Program Requirement of AS/CA/CC, Business Technology, Hawai'i CC, Approved by Chancellor, 12/2006.
  5. Change in Program Requirement of AS/CA, Forest TEAM, Hawai'i CC, Approved by Chancellor, 12/2006.
  6. Change in Program Requirement of AA, Associate in Arts, Hawai'i CC, Approved by Chancellor, 04/2007.
  7. Change in Program Name and Course Alpha of CC/CA/AAS, Hospitality & Tourism, Hawai'i CC, Approved by Chancellor, 04/2007.
  8. Minimum credits required 68-71 for course - Computing, Electronics, and Networking Technology (CENT), Honolulu CC, Approved by Vice Chancellor (for Chancellor), 01/24/2006.
  9. Add course – Computing, Electronics, and Networking Technology (CENT) 310 as a Core course; Change CENT 300 from a Core course to an elective; Allow more options for General Education Requirements, Honolulu CC, Approved by Chancellor, 02/16/2006.
  10. Modification of CO, Cosmetology (COSM) - COSM 70V (1-5 credits) becomes COSM 70 (5 credits), Honolulu CC, Approved by Vice Chancellor (for Chancellor), 01/24/2006.
  11. Modification of CO, Cosmetology (COSM) - Change number of credits from 5 to 3 for COSM 20 and add COSM 22 to make up the other 2 credits, Honolulu CC, Approved by Vice Chancellor (for Chancellor), 01/24/2006.
  12. Program modification of Refrigeration and Air Conditioning Technology Program (RAC) – Prerequisite change to Eng 20 B, C, D, and E with a C or higher or ESL 11, 13, 17 or placement in ENG 21/22/51/61. Add HUM 50 (required), PSY 180 (recommended). RAC 21/32/40/50 Minimum credits required = 63, Honolulu CC, Approved by Chancellor, 02/16/2006.

13. Name change with change in program credit requirements - From AS, Food Service with a specialization in Patisserie (60-62 credits) to AS, Food Service with a specialization in Pastry Arts (65 credits), Kapi'olani CC, Approved by Chancellor, 08/09/2006.
14. Name change with change in program credit requirements – From CC Patisserie (17 credits) to CC Pastry Arts (19 credits), Kapi'olani CC, Approved by Chancellor, 08/09/2006.
15. Change in program credit requirements from 80-83 credits to 82-85 credits for AS, MICT, Kapi'olani CC, Approved by Chancellor, 02/03/2007.
16. Change in program credit requirements from 34 credits to 49-51 credits for ASC, Hawaiian Studies, Kapi'olani CC, Approved by Chancellor, 02/03/2007.
17. Change in program requirements – Educational Paraprofessional AS with an emphasis in Deaf and Hard of Hearing, Kapi'olani CC, Approved by Chancellor, 05/27/2007.
18. Change in program requirements – Educational Paraprofessional AS with an emphasis in Special Education, Kapi'olani CC, Approved by Chancellor, 05/27/2007.
19. Change in program course requirements, description and competencies for AS, Hotel/Restaurant, Kapi'olani CC, Approved by Chancellor, 02/04/2007.
20. Change in program credit requirements from 22 credits to 14 credits for CC, Hotel/Restaurant, Kapi'olani CC, Approved by Chancellor, 02/04/2007.
21. Change in program credit requirements from 62-63 credits to 63-64 credits for AS, Travel/Tourism, Kapi'olani CC, Approved by Chancellor, 02/02/2007.
22. Change in program credit requirements from 89 credits to 86 credits for AS, Radiologic Technology, Kapi'olani CC, Approved by Chancellor, 02/04/2007.
23. Change in program requirements and description for CC, Dental, Kapi'olani CC, Approved by Chancellor, 02/04/2007.
24. Change in program credit requirements from 60 credits to 66 credits for AS, Marketing, Kapi'olani CC, Approved by Chancellor, 07/03/2007.
25. Change in program credit requirements from 60 credits to 63 credits for AS, Information Technology, Kapi'olani CC, Approved by Chancellor, 02/03/2007.
26. Change in program course requirements, description, competencies and update for accreditation review for AS, Accounting, Kapi'olani CC, Approved by Chancellor, 02/04/2007.
27. Change in program course requirements, description, competencies and update of accreditation review for CA, Accounting, Kapi'olani CC, Approved by Chancellor, 02/04/2007.

D. Other Program Changes/Actions:

1. Culinary Arts Accreditation, Kapi'olani CC, Approved by American Culinary Federation Foundation (ACFF), Spring 2007.
2. Hotel Operations and Travel/Tourism Program Accreditation, Kapi'olani CC, Approved by Commission on Accreditation of Hospitality Management (CAHM), Spring 2007.
3. Culinary Arts Accreditation, Kaua'i CC, Approved by American Culinary Federation Foundation (ACFF), 07/24/2007.

## V. Review of Established Programs

### A. Introduction

This section of the report provides a summary of the reviews of established programs at the UH Manoa, UH Hilo, UH West O‘ahu, and UH Community Colleges 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.

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 and University missions.

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.

### B. UH Mānoa

#### PROCEDURES FOR PROGRAM REVIEW

Manoa’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.

**UH Mānoa**

<b>Program and Credential</b>	<b>Status / Action</b>
<i>PhD, Biomedical Sciences</i>	<i>Review initiated in 2007</i>
<i>PhD, Computer Science</i>	<i>Review ongoing</i>
<i>PhD, English</i>	<i>Review initiated in 2006</i>
<i>PhD, History</i>	<i>Review ongoing</i>
<i>PhD, Mathematics</i>	<i>Review completed May 2007</i>
<i>PhD, Natural Resources &amp; Environmental Management</i>	<i>Review initiated in 2007</i>
<i>PhD, Tropical Plant &amp; Soil Sciences</i>	<i>Review completed May 2007</i>
<i>MA, English</i>	<i>Review initiated in 2006</i>
<i>MA, History</i>	<i>Review ongoing</i>
<i>Master of Accounting</i>	<i>Review initiated in 2006</i>
<i>MBA</i>	<i>Review initiated in 2006</i>
<i>MPA (Public Administration)</i>	<i>Review ongoing</i>
<i>MS, Biomedical Sciences</i>	<i>Review initiated in 2006</i>
<i>MS, Computer Science</i>	<i>Review ongoing</i>
<i>MS, Mathematics</i>	<i>Review completed May 2007</i>
<i>MS, Natural Resources &amp; Environmental Management</i>	<i>Review initiated in 2006</i>
<i>MS, Tropical Plant &amp; Soil Sciences</i>	<i>Review completed May 2007</i>
<i>BA, English</i>	<i>Review initiated in 2007</i>
<i>BA, Hawaiian</i>	<i>Review completed April 2007</i>
<i>BA, Hawaiian Studies</i>	<i>Review ongoing</i>
<i>BA, History</i>	<i>Review ongoing</i>
<i>BA, Mathematics</i>	<i>Review complete in May 2007</i>
<i>BBA, Accounting, General Business, Finance, Management &amp; Information Systems, Marketing, Human Resources Management, International Business, Management</i>	<i>Review initiated in 2007</i>
<i>BS, Computer Science</i>	<i>Review ongoing</i>
<i>BS, Mathematics</i>	<i>Review completed May 2007</i>
<i>BS, Plant &amp; Environmental Biotechnology</i>	<i>Review ongoing</i>
<i>Graduate Certificate, Library &amp; Information Sciences</i>	<i>Review ongoing</i>
<i>Undergraduate Certificate, Hawaiian</i>	<i>Review completed April 2007</i>
<i>Undergraduate Certificate, Indo-Pacific Languages</i>	<i>Review completed April 2007</i>

C. UH Hilo

**PROCEDURES FOR PROGRAM REVIEW**

The program review procedures for UH Hilo were revised, updated, and approved by the UH Hilo Congress in 2001. Further revision was made and approved by the Congress in 2004. The process now builds upon an annual report prepared by each program, culminating in a full program review every seven years with a Memorandum of Understanding signed by the Vice Chancellor for Academic Affairs (VCAA) and academic units. The first program review will occur in the seventh year after the program is granted established status.

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 VCAA.

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 and department faculty participate in the Congress's deliberations. The Congress recommends actions to the VCAA, who decides on recommendations, sends each department a memorandum of understanding, and prepares the 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 2003-2004.

***UH Hilo***

<b>Program and Credential</b>	<b>Status / Action</b>
<i>BS, Astronomy and BS in Physics</i>	<i>Program Review Complete, MOU Awaiting Final Signing</i>
<i>BA, Economics</i>	<i>Program Review Complete, MOU Awaiting Review and Signing</i>
<i>BA, History</i>	<i>Program Review Complete, MOU Awaiting Final Signature</i>
<i>BA, Marine Sciences</i>	<i>Review complete; MOU signed 08/24/07</i>
<i>BA, Political Science</i>	<i>Review ongoing</i>

D. UH West O'ahu

## BACKGROUND

UHWO has taken preliminary steps in the past year to transform itself from a small liberal arts and professional studies campus into a regional comprehensive university for the state of Hawai'i. It has sought Authorization to Plan for several new programs that address the critical issues of providing state workforce development and increasing educational access/opportunity for underrepresented students statewide. Several other initiatives are in the early planning stages and will be brought to the Board in the upcoming year.

## PROGRAM REVIEW OBJECTIVES

The academic programs at UHWO 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
- Reaffirmation and/or modification of curricula and courses offered to assure cohesiveness of program offerings in line with expected learning outcomes

## PROGRAM REVIEW PROCEDURES

Academic programs at UHWO are reviewed on a seven-year cycle. The Vice Chancellor for Academic Affairs's office maintains the seven-year schedule. Procedures 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.

Review of each academic program occurs over the period of one academic year. During the first semester of each review, data are collected, and an internal report is written and submitted to the appropriate program unit for revision and approval. At the same time, names of external evaluators are selected. During the second semester, an external evaluator responds to the internal report, visits the campus, and drafts 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 was developed and 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
- College-wide Learning Objectives and
- Divisional and Specialization Learning Outcomes

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

***UHWO***

<b>Program and Credential</b>	<b>Status / Action</b>
<i>BA, Social Sciences</i>	<i>Review ongoing</i>
<i>BA, Public Administration</i>	<i>Review ongoing</i>

E. Community Colleges

**PROCEDURES FOR PROGRAM REVIEW**

During the 1992-93 academic year, the University of Hawai'i Community Colleges adopted a new process, the Program Health Indicators assessment, to facilitate an annual review of academic programs. The Program Health Indicators assessment provided a standard format to develop and conduct program evaluations on an annual basis and provided both a description and evaluation of important elements of instructional programs.

In response to the Accrediting Commission for Community and Junior Colleges (ACCJC) concerns, that the UH Community Colleges, "lacked an integrated, system-wide program review, assessment and improvement process that sets the expectation that campuses develop a culture and practice of assessment that supports improvement in campus practices at the system decision-making level ... the respective roles of campus and system administrators in determining campus priorities.", the UHCC program review policy was revised. The policy, UHCC Policy (UHCCP) 5.202 is located at [http://www.hawaii.edu/offices/cc/docs/policies/UHCCP\\_5.202-Review\\_of\\_Established\\_Programs.pdf](http://www.hawaii.edu/offices/cc/docs/policies/UHCCP_5.202-Review_of_Established_Programs.pdf). The 2005-2006 is the first year of reviewing instructional programs under UHCCP 5.202.



UHCCP 5.202 includes provisions for comprehensive, multi-year program reviews as required by ACCJC, and an Annual Instructional Assessment to meet the reporting requirements of the Carl D. Perkins Vocational and Applied Technology Education Act. The Annual Instructional Assessment will be used to make campus and UHCC system resource plans and will provide data in support of the University's Academic Program Action Status report. The process includes common system definitions and language; common core elements (demand, efficiency, outcome) which may be supplemented by individual colleges/programs, selected system-based benchmarks, tools that reflect the measures and make data retrieval easy, and continuous quality improvement applied to measures and outcomes. Elements and features of the Program Health Indicator assessment have been incorporated in the instructional assessment procedures portion of UHCCP 5.202. The UHCC system is transitioning from the Program Health Indicator assessment to the Annual Instructional Assessment model, which when fully implemented will replace the Program Health Indicator assessment.

The following college program action status reports were completed under the new UHCC policy:

**Hawai'i CC**

<b>Program and Credential</b>	<b>Status / Action</b>
<i>AAS, CA, Accounting</i>	<i>Continued</i>
<i>AS, Administration of Justice</i>	<i>Continued</i>
<i>AAS, CA, Agriculture</i>	<i>Continued</i>
<i>AAS, Architectural, Engineering and CAD Technologies</i>	<i>Continued</i>
<i>AAS, CA, Auto Body Repair and Painting</i>	<i>Continued</i>
<i>AAS, CA, Automotive Mechanics Technology</i>	<i>Continued</i>
<i>AAS, CA, CC, Business Technology ( formerly OAT)</i>	<i>Continued</i>
<i>AAS, CA, Carpentry</i>	<i>Continued</i>
<i>AAS, CA, Diesel Mechanics</i>	<i>Continued</i>
<i>CC, Digital Media Arts</i>	<i>Continued</i>
<i>AS, CA, CC, Early Childhood Education</i>	<i>Continued</i>
<i>AAS, CA, Electrical Installation and Maintenance Technology</i>	<i>Continued</i>
<i>AAS, Electronics Technology</i>	<i>Continued</i>
<i>AAS, CA, CC, Food Service</i>	<i>Continued</i>
<i>AAS, ASC, Hawaiian Life Styles</i>	<i>Continued</i>
<i>CC, Human Services</i>	<i>Continued</i>
<i>AS, CA, Information Technology</i>	<i>Continued</i>
<i>AA, Liberal Arts</i>	<i>Continued</i>
<i>AAS, CA, CC, Machine, Welding and Industrial Mechanics Technologies</i>	<i>Continued</i>
<i>AAS, CA, Marketing</i>	<i>Continued</i>
<i>Nursing and Allied Health:</i> <i>AS, NURS</i> <i>CA, Practical Nurse</i> <i>CC, Care Home Operator</i>	<i>Continued</i>

<i>CC, Substance Abuse Counseling</i>	<i>Continued</i>
<i>AS, CA, Tropical Forest Ecosystem and Agroforestry Management</i>	<i>Continued</i>

### **Honolulu CC**

<b>Program and Credential</b>	<b>Status / Action</b>
<i>AAS, CC, Automotive Technology</i>	<i>Continued</i>
<i>AAS, CA, Sheet Metal and Plastics Technology</i>	<i>Continued</i>
<i>AAS, CA, Fire and Environmental Emergency Response</i>	<i>Continued</i>
<i>AAS, Administration of Justice</i>	<i>Continued</i>
<i>AS, CA, Aeronautics Maintenance Technology</i>	<i>Continued</i>
<i>AAS, Applied Trades</i>	<i>Continued</i>
<i>AS, CA, Architectural, Engineering and CAD Technologies</i>	<i>Continued</i>
<i>AAS, CA, Auto Body Repair and Painting</i>	<i>Continued</i>
<i>AAS, Small Vessel Fabrication and Repair</i>	<i>Continued</i>
<i>AAS, CA, Carpentry Technology</i>	<i>Continued</i>
<i>AS, Communication Arts</i>	<i>Continued</i>
<i>AS, APC, Computing, Electronics, and Networking Technology</i>	<i>Continued</i>
<i>AAS, CA, CC, CP, Cosmetology</i>	<i>Continued</i>
<i>AAS, CA, CC, Diesel Mechanics Technology</i>	<i>Continued</i>
<i>AAS, CA, Electrical Installation and Maintenance Technology</i>	<i>Continued</i>
<i>AAS, CA, CC, CO, Fashion Technology</i>	<i>Continued</i>
<i>AAS, CA, Occupational and Environmental Safety Management</i>	<i>Continued</i>
<i>AAS, CA, Refrigeration and Air Conditioning Technology</i>	<i>Continued</i>
<i>AAS, CA, Welding Technology</i>	<i>Continued</i>

### **Kapi'olani CC**

<b>Program and Credential</b>	<b>Status / Action</b>
<i>AS, CA, Accounting</i>	<i>Continued</i>
<i>CC, Dental Assisting</i>	<i>Continued</i>
<i>CC, Emergency Medical Technician</i>	<i>Continued</i>
<i>AS, CA, Food Service</i>	<i>Continued</i>
<i>AS, CA, Hotel/Restaurant Operations</i>	<i>Continued</i>
<i>AS, CA, Information Technology</i>	<i>Continued</i>
<i>AA, Liberal Arts ASC, Hawaiian/Pacific Studies ASC, Asian Studies</i>	<i>Continued</i>

<i>AS, CA, Marketing</i>	<i>Continued</i>
<i>AS, CA, Medical Assisting</i>	<i>Continued</i>
<i>AS, Medical Laboratory Technician</i>	<i>Continued</i>
<i>AS, Mobile Intensive Care Technician</i>	<i>Continued</i>
<i>AS, New Media Arts</i>	<i>Continued;</i>
<i>AS, Nursing</i>	<i>Continued</i>
<i>CA, Practical Nursing</i>	<i>Continued</i>
<i>AS, Paralegal</i>	<i>Continued</i>
<i>AS, Physical Therapist Assistant</i>	<i>Continued</i>
<i>AS, Radiologic Technology</i>	<i>Continued</i>
<i>AS, Respiratory Care</i>	<i>Continued</i>
<i>AS, CA, Travel and Tourism</i>	<i>Continued</i>

### **Kaua'i CC**

<b>Program and Credential</b>	<b>Status / Action</b>
<i>CC, Facilities Engineering Technology</i>	<i>Completed 2007</i>
<i>AAS, CA, CC, Electronics Technology</i>	<i>Review Continuing</i>
<i>AAS, CA, CC, CO, Culinary Arts</i>	<i>Completed 2007</i>
<i>AAS, CA, CC, Auto Body Repair and Painting</i>	<i>Completed 2006</i>
<i>AAS, CA, CC, Automotive Mechanics Technician</i>	<i>Completed 2006</i>
<i>AAS, CA, CC, Business Technology</i>	<i>Completed 2006</i>
<i>AS, CA, CO, Early Childhood Education</i>	<i>Completed 2007</i>
<i>ASC, Hawaiian Studies</i>	<i>Completed 2007</i>
<i>AAS, CA, CC, Hospitality and Tourism</i>	<i>Completed 2006</i>
<i>AA, Liberal Arts</i>	<i>Completed 2006</i>
<i>Certificate of Professional Development, Office of Continuing Education</i>	<i>Completed 2006</i>

### **Leeward CC**

<b>Program and Credential</b>	<b>Status / Action</b>
<i>AAS, CA, CC, Automotive Technology</i>	<i>Continued</i>
<i>AS, CA, Accounting</i>	<i>Continued</i>
<i>CO, Business Foundations</i>	<i>Continued</i>
<i>CA, CC, Business Technology</i>	<i>Continued</i>
<i>CC, Small Business Accounting</i>	<i>Continued</i>
<i>CO, E-Commerce</i>	<i>To be Reviewed by the Division for possible Termination</i>

<i>CO, E-Commerce for Marketing</i>	<i>To be Reviewed by the Division for possible Termination</i>
<i>CO, E-Commerce for Entrepreneurs</i>	<i>To be Reviewed by the Division for possible Termination</i>
<i>AAS, Supervisory Management</i>	<i>Continued</i>
<i>CC, Sales and Marketing</i>	<i>To be Reviewed by the Division for Modification</i>
<i>CC, Digital Media Production</i>	<i>Continued</i>
<i>CO, Digital Media Desktop Publishing</i>	<i>Continued</i>
<i>CO, Digital Media Motion Graphics</i>	<i>Continued</i>
<i>CO, Digital Media Video Web Casting</i>	<i>Continued</i>
<i>CO, Digital Media Virtual Reality</i>	<i>Continued</i>
<i>CO, Digital Media Web Page Design</i>	<i>Continued</i>
<i>ASC, Creative Media</i>	<i>Continued</i>
<i>CC, Human Services/Substance Abuse Counseling</i>	<i>Continued</i>
<i>AS, Information and Computer Science</i>	<i>Continued</i>
<i>CC, Information and Computer Science Basic Networking</i>	<i>Continued</i>
<i>CC, Information and Computer Science Advanced Networking</i>	<i>Continued</i>
<i>AS, CA, CC, Television Production</i>	<i>Continued</i>
<i>ASC, Digital Art</i>	<i>Continued</i>
<i>ASC, Educational Assistance in Special Education</i>	<i>Reviewed by the Division for Termination</i>
<i>ASC, Hawaiian Studies</i>	<i>Continued</i>
<i>ASC, Music</i>	<i>Continued</i>
<i>ASC, Philippine Studies</i>	<i>Continued</i>
<i>AA, Liberal Arts</i>	<i>Continued</i>

### **Maui CC**

<b>Program and Credential</b>	<b>Status / Action</b>
<i>AAS, CA, Accounting</i>	<i>Continued</i>
<i>AAS, CA, Administration of Justice</i>	<i>Continued</i>
<i>AAS, CA, Agriculture and Natural Resources</i>	<i>Continued</i>
<i>AAS, CA, Auto Body Repair and Painting</i>	<i>Continued</i>
<i>AAS, CA, Automotive Mechanics Technology</i>	<i>Continued</i>
<i>CA, Building Maintenance</i>	<i>Continued</i>
<i>AAS, CA, Business Careers</i>	<i>Continued</i>

<i>AAS, CA, Business Technology</i>	<i>Continued</i>
<i>AAS, CA, Carpentry Technology</i>	<i>Continued</i>
<i>CA, Drafting Technology</i>	<i>Continued</i>
<i>AS, CA, Electronics and Computer Engineering</i>	<i>Continued</i>
<i>AAS, CA, Fashion Technology</i>	<i>Continued</i>
<i>AAS, CA, Food Service</i>	<i>Continued</i>
<i>AAS, CA, Hospitality and Tourism</i>	<i>Continued</i>
<i>AS, CA, Human Services</i>	<i>Continued</i>
<i>CA, Practical Nursing</i>	<i>Continued</i>
<i>AS, Nursing</i>	<i>Continued</i>
<i>CA, Welding Technology</i>	<i>Continued</i>
<i>AA, Associate of Art</i>	<i>Continued</i>

### **Windward CC**

<b>Program and Credential</b>	<b>Status / Action</b>
<i>AA, Associate of Art</i>	<i>Continued</i>
<i>ASC, Art</i>	<i>Continued</i>
<i>ASC, Business</i>	<i>Continued</i>
<i>ASC, Hawaiian Studies</i>	<i>Continued</i>
<i>ASC, Psycho-Social Development</i>	<i>Continued</i>
<i>ASC, Plant Bio-Resources and Technology</i>	<i>Continued</i>
<i>CC, Agriculture Technology Program</i>	<i>Continued</i>
<i>Certificate of Professional Development: Autobody Repair and Finishing Program</i>	<i>Continued</i>
<i>Certificate of Professional Development: Office of Administration &amp; Technology (OAT)</i>	<i>Continued</i>
<i>Certificate of Professional Development: Developmental Education</i>	<i>Continued</i>
<i>Certificate of Professional Development: Introduction to Construction Occupations</i>	<i>Continued</i>
<i>Certificate of Professional Development: Facilities Maintenance and Construction</i>	<i>Continued</i>
<i>Certificate of Professional Development: Introduction to Culinary Arts</i>	<i>Continued</i>

## LISTING OF ABBREVIATIONS FOR ACADEMIC CREDENTIALS

AA	Associate in Arts
AAS	Associate in Applied Science
APC	Advanced Professional Certificate
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
CO	Certificate of Competence
CP	Certificate of Participation
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

## ATTACHMENT 2

The *Master List of Curricula Offered, Fall 2006* is located at <http://www.iro.hawaii.edu/maps/mltitles.asp>.