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September 23, 2014

MEMORANDUM

TO: Randolph G. Moore Chair, Board of Regents
VIA David Lassner President
FROM: Joanne Itano Interim Executive Vice President for Academic Affairs
SUBJECT: INFORMATION ITEM: ACADEMIC PROGRAM ACTIONS STATUS REPORT, 2013-2014

RECEIVED 14 SEP 24 P1:03 UNIVERSITY OF HAWAII PRESIDENT'S OFFICE

In accordance with Board and Executive policy, I am pleased to transmit for the Board's information a report on academic program actions approved by the Board of Regents, President, or by campus administrators during 2013-2014 academic year. In summary:

Table with 2 columns: Action Item and Count. Includes sections for Board of Regents, President, Campus Administration, and Program reviews reported by campus.

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.
- A new report on Programs with Small Number of Graduates with responses from campuses.

*Per Memorandum from Suzette Robinson dated 11/5/13, "Effective Fall 2014, please delete the Certificate of Completion (CC) as a credential offered or conferred at the University of Hawaii Community Colleges. Beginning Fall 2014, the requirements for the Certificate of Completion (CC) will be contained within the Certificate of Competence (CO)."

The 2013-2014 report is located at:

<http://www.hawaii.edu/offices/app/acadprog/AcadProgActionsStatusRptFINAL2013-14.pdf>

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

Enclosure

c: David Lassner, President
Cynthia Quinn, Executive Administrator and Secretary of the BOR
Vice Presidents
Council of Chancellors
Council of Chief Academic Officers
OEVPAAs Managers

UNIVERSITY OF HAWAI'I ACADEMIC PROGRAM ACTIONS REPORT, 2013-2014

INTRODUCTION

University of Hawai'i Board of Regents (BOR) 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 2013-2014 AY at UH Mānoa, 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 guidelines adopted by the BOR.

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

1. BOR Bylaws and Policies Section 5-1, Instructional 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 degree programs are authorized by the BOR 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 150% of the proposed length of the degree (e.g., 2 years for certificates, 3 years for associate degrees, 6 years for bachelor's degrees, 3 years for master's degrees and 5 years for doctoral degrees).
- 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 Mānoa, UH Hilo and UH West O'ahu.
- Termination of provisional and established programs approved by the BOR is delegated to the President.

- The President may approve changes to academic program titles to maintain current in terminology assuming no substantive change in the program.
- Chancellors are authorized to approve program stop-outs—a halt to admissions to the program—for up to two years.
- Chancellors at baccalaureate degree campuses are authorized to recognize and approve changes to academic minors in BOR-authorized baccalaureate degree programs.
- Chancellors are authorized to approve certificates of competence and certificates of achievement with an existing associate degree program at the Community Colleges and academic subject certificates at all campuses that recognize work taken within (or among) existing BOR authorized academic programs.

A summary of BOR and University actions relating to new, provisional and established programs including a summary of the program reviews for 2013-2014 follows. A list of abbreviations is provided as Attachment 1. The University's official *Master List of Curricula Offered, Fall 2013*, is at: <http://www.hawaii.edu/cgi-bin/iro/maps?cuuhf13.pdf>

UNIVERSITY OF HAWAII
ACADEMIC PROGRAM ACTIONS REPORT, 2013-2014

I. New Program and Certificate Actions

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

1. PhD, Learning Design and Technology (formerly Educational Technology), UH Mānoa, BOR approved, 3/20/14.
2. MGeo, Geoscience, UH Mānoa, BOR approved, 9/19/13.
3. BA, Public Health, UH Mānoa, BOR approved, 9/19/13.
4. BEnvD, Environmental Design, UH Mānoa, BOR approved, 3/20/14.
5. BEd, Middle Level and Secondary Education, UH West O'ahu, BOR approved, 9/19/13.
6. CA, Dental Assisting, Kapi'olani CC, BOR approved, 1/23/14.
7. AS, Business, Kaua'i CC, BOR approved, 5/15/14.
8. AS, Plant Biology and Tropical Agriculture, Kaua'i CC, BOR approved, 5/15/14.
9. CA, Medical Assisting, Kaua'i CC, BOR approved, 5/15/14.
10. AS, Plant Biology and Tropical Agriculture, Leeward CC, BOR approved, 5/15/14.

B. New Degrees, Certificates and Minors Approved by Campus Administration:

1. UCert ASC, Accounting, UH Hilo, Chancellor approved, 3/9/14.
2. UCert ASC, Finance, UH Hilo, Chancellor approved, 3/9/14.
3. UCert ASC, Asia-Pacific U.S. Economic Relations, UH Hilo, Chancellor approved, 3/9/14.
4. UCert ASC, Democratic Principles and Social Justice, UH West O'ahu, Chancellor approved, 9/27/13.
5. CO, Business Technology, Virtual Office Assistant, Hawai'i CC, Chancellor approved, 5/15/14.
6. CO, Marketing, Business Essentials, Hawai'i CC, Chancellor approved, 5/2/14.
7. CO, Marketing, Business Foundations, Hawai'i CC, Chancellor approved, 5/2/14.
8. CO, Marketing, Retail Foundations, Hawai'i CC, Chancellor approved, 5/2/14.
9. CO, Marketing, Entrepreneurship, Hawai'i CC, Chancellor approved, 5/6/14.
10. CA, Automotive Technology, Honolulu CC, Chancellor approved, 10/30/13.
11. CA, Carpentry Technology with Concentrations in Concrete Form Construction, Framing and Finishing, Honolulu CC, Chancellor approved, 1/16/14.
12. CA, Construction Management, Honolulu CC, Chancellor approved, 2/27/14.

13. CA, Small Vessel Fabrication & Repair, Honolulu CC, Chancellor approved, 1/29/14.
14. CO, Virtual Office Assistant, Leeward CC, Chancellor approved, 3/25/14.
15. CO, Culinary Arts, UH Maui, Chancellor approved, 1/22/14.
16. CO, Virtual Office Assistant, UH Maui, Chancellor approved, 5/28/14.

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

1. PhD, Native Hawaiian Indigenous Knowledge, UH Mānoa, Chancellor approved, 2/20/14.
2. GCert, Learning Design and Technology for Teachers, UH Mānoa, Chancellor approved, 6/27/14.
3. BA, Aeronautical Science, UH Hilo, Chancellor approved, 5/21/14.
4. AS, Digital Media Arts, Kaua'i CC, Chancellor approved, 4/16/14.
5. CA, Geographic Information Systems, Kaua'i CC, Chancellor approved, 6/18/14.
6. CA, Sustainable Science, Kaua'i CC, Chancellor approved, 4/16/14.

II. Provisional Programs and Certificate Actions

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

1. MA, Hawaiian Language, UH Mānoa, BOR approved, 10/17/13.
2. MA, Hawaiian Studies, UH Mānoa, BOR approved, 10/17/13.
3. MA, Indigenous Language and Culture Education, UH Hilo, BOR approved, 9/25/13.
4. BS, Marine Science, UH Hilo, BOR approved, 9/25/13.
5. BEd, Elementary Education, UH West O'ahu, BOR approved, 5/15/14.
6. UCert, Applied Forensic Anthropology, UH West O'ahu, BOR approved, 9/19/13.
7. UCert, Health Care Administration, UH West O'ahu, BOR approved, 9/19/13.

B. Provisional Programs Granted Established Status by Campus Administrators:

1. GCert, Entrepreneurship, UH Mānoa, Chancellor approved, 9/13/13.

C. Extension of Provisional Program Status by President:

1. BAS, Applied Business and Information Technology (ABIT), UH Maui, President approved, Fall 2012.

D. Stop-out of Provisional Programs by Campus Administration:

1. GCert, Public Policy, UH Mānoa, Chancellor approved, 4/11/14.
2. MA, China U.S. Relations, UH Hilo, Chancellor approved, 5/5/11.
(*Note this program to be terminated Fall 2014)

E. Termination of Provisional Program by Campus Administration:

1. AS, CC, Interpreting: Educational, Kapi'olani CC, Chancellor approved, termination approved April 2013.
2. UCert, Social Sciences & Health, UH Mānoa, Chancellor approved, 4/11/14.

H. Ongoing Provisional Programs

UH Mānoa

<i>College or School</i>	<i>Credential and Program</i>	<i>Provisional Until / Comments</i>
<i>Architecture</i>	<i>BEnD, Bachelor of Environmental Design</i>	<i>Provisional until 2019</i>
<i>Arts & Humanities</i>	<i>BA, Creative Media</i>	<i>Provisional until 2015</i>
<i>Business</i>	<i>BBA, Entrepreneurship</i>	<i>BOR approved established status 8/2014</i>
<i>Education</i>	<i>EdD, Doctor of Education</i>	<i>Provisional until 2016</i>
	<i>PhD, Learning Design and Technology</i>	<i>Provisional until 2020</i>
<i>Engineering</i>	<i>BS, Computer Engineering</i>	<i>Provisional until 2016</i>
<i>Languages, Linguistics and Literature</i>	<i>BA, Second Language Studies</i>	<i>Provisional until 2016</i>
<i>Natural Sciences</i>	<i>BA/BS, Biochemistry</i>	<i>Provisional until 2016</i>
	<i>BS, Ethnobotany</i>	<i>Provisional until 2009. Reviewed with Natural sciences during 2013-14 academic year, in process of conversion from provisional to established.</i>
	<i>BS, Marine Biology</i>	<i>Provisional until 2009. Reviewed with Natural Sciences during 2013-14 academic year, in process of conversion from provisional to established.</i>
	<i>BS, Molecular Cell Biology</i>	<i>Provisional until 2016.</i>
<i>Natural Sciences/Ocean & Earth Science & Technology</i>	<i>PhD, Marine Biology</i>	<i>Provisional until 2017.</i>
	<i>MGeo, Master of Geoscience for Professionals</i>	<i>Provisional until 2017.</i>
	<i>MS, Marine Biology</i>	<i>Provisional until 2017.</i>
<i>Nursing and Dental Hygiene</i>	<i>DNP, Doctor of Nursing Practice</i>	<i>Provisional until 2018.</i>
<i>Pacific & Asian Studies</i>	<i>BA, Pacific Island Studies</i>	<i>Provisional until 2018.</i>
<i>Public Health (JABSOM)</i>	<i>BA, Public Health</i>	<i>Provisional until 2019.</i>
<i>Social Sciences</i>	<i>BS, Psychology</i>	<i>Provisional until 2017.</i>
<i>Tropical Agriculture & Human Resources</i>	<i>PhD, Nutrition</i>	<i>Provisional until 2011. Program in transition with new director, and new collaborations with JABSOM/Cancer center. The program is scheduled for review in 2014-2015.</i>

UH Hilo

College or School	Credential and Program	Provisional Until/Comments
<i>Ka Haka 'Ula O Ke'elikōlani, College of Hawaiian Language</i>	<i>PhD, Hawaiian and Indigenous Language and Culture Revitalization</i>	<i>Provisional until Fall 2010. Reviewed by CCAO 8/13/13.</i>
<i>College of Business & Economics</i>	<i>BBA, Accounting</i>	<i>Provisional until Fall 2013</i>
<i>College of Pharmacy</i>	<i>PhD, Pharmaceutical Sciences</i>	<i>Provisional until 2017</i>
	<i>BA, Pharmacy Studies</i>	<i>Provisional until 2016</i>
	<i>MS, Clinical Psychopharmacology</i>	<i>Provisional until Fall 2014</i>
	<i>PharmD</i>	<i>BOR approved established status 8/21/14</i>
<i>College of Arts and Sciences</i>	<i>BS, Environmental Sciences</i>	<i>Provisional until 2010. (Reviewed by CCAO 8/20/14)</i>
	<i>MA, Teaching</i>	<i>Provisional until 2015</i>
	<i>MA, China-U.S. Relations</i>	<i>Provisional until Fall 2007. Stop out effective May 2011, to be terminated Fall 2014.</i>
	<i>DNP, Doctorate in Nursing Practice</i>	<i>Provisional until 2018</i>

UH West O'ahu

College or School	Credential and Program	Provisional Until/Comments
<i>Applied Science</i>	<i>BAS, Concentration in Respiratory Care</i>	<i>Provisional until Spring 2013; review in progress</i>
<i>Business Administration</i>	<i>Certificate in Risk Management and Insurance</i>	<i>Submitted to BOR 8/2014</i>
<i>Social Sciences</i>	<i>Certificate in Democratic Principles and Social Justice</i>	<i>Provisional until Fall 2015</i>
	<i>Certificate in Interdisciplinary Environmental Studies</i>	<i>Provisional until Fall 2012 (Review in progress)</i>
<i>Public Administration (formerly Professional Studies)</i>	<i>Certificate in Disaster Preparedness & Emergency Management</i>	<i>Provisional until Fall 2005 (Review in progress.) Will be submitted to BOR Fall 2014.</i>

Hawai'i Community College

Department	Credential and Program	Provisional Until/Comments
<i>Hawaiian Studies</i>	<i>AA, Hawaiian Studies</i>	<i>Provisional until Fall 2015</i>
<i>Natural Sciences</i>	<i>AS, Natural Science</i>	<i>Provisional until Spring 2017</i>

Honolulu Community College

Department	Credential and Program	Provisional Until/Comments
<i>Career & Technical Education</i>	<i>AS, Construction Management</i>	<i>Provisional until AY 2015</i>
<i>Hawaiian Studies</i>	<i>AA, Hawaiian Studies</i>	<i>Provisional until Fall 2015</i>

Kapi'olani Community College

Department	Credential and Program	Provisional Until/Comments
<i>Hawaiian Studies</i>	<i>AA, Hawaiian Studies</i>	<i>Provisional until Fall 2015</i>
<i>Food Services</i>	<i>APC, Culinary Management</i>	<i>Provisional until Fall 2013</i>
<i>Business, Legal, & Technology</i>	<i>APC, Information Technology</i>	<i>Provisional until Fall 2012</i>
<i>Health Services</i>	<i>CA, Biotechnician</i>	<i>Provisional until Fall 2007</i>
	<i>CA, Dental Assisting</i>	<i>Provisional until Fall 2015</i>

Kaua'i Community College

Department	Credential and Program	Provisional Until/Comments
<i>Hawaiian Studies</i>	<i>AA, Hawaiian Studies</i>	<i>Provisional until Spring 2015</i>
<i>Natural Sciences</i>	<i>AS, Natural Sciences</i>	<i>Provisional until Spring 2016</i>

Leeward Community College

Department	Credential and Program	Provisional Until/Comments
<i>Hawaiian Studies</i>	<i>AA, Hawaiian Studies</i>	<i>Provisional until Spring 2015</i>
<i>Information & Computer Science</i>	<i>AS, Health Information Technology</i>	<i>Provisional until Spring 2015</i>
<i>Natural Sciences</i>	<i>AS, Natural Science</i>	<i>Provisional until Fall 2014</i>

UH Maui College

Department	Credential and Program	Provisional Until/Comments
<i>Business Education</i>	<i>BAS, Applied Business and Information Technology</i>	<i>Provisional until Fall 2007 (Extension of provisional status approved.)</i>
<i>Technology</i>	<i>BAS, Engineering Technology</i>	<i>Provisional until Fall 2013</i>
	<i>BAS, Sustainable Science Management</i>	<i>Provisional until Fall 2016</i>
<i>Hawaiian Studies</i>	<i>AA, Hawaiian Studies</i>	<i>Provisional until Fall 2015</i>
<i>Public Services</i>	<i>AS, Early Childhood Education</i>	<i>Provisional until Fall 2014</i>
<i>Natural Sciences</i>	<i>AS, Natural Science</i>	<i>Provisional until Fall 2014</i>

Windward Community College

Department	Credential and Program	Provisional Until/Comments
<i>Hawaiian Studies</i>	<i>AA, Hawaiian Studies</i>	<i>Provisional until Spring 2015</i>
<i>Natural Sciences</i>	<i>AS, Natural Science</i>	<i>Provisional until Spring 2016</i>
<i>Veterinary Technology</i>	<i>AS, Veterinary Technology</i>	<i>Provisional until Spring 2015</i>
<i>Agriculture</i>	<i>CA, Agripharmatech</i>	<i>Provisional until Fall 2014 BOR approved established status 8/21/14</i>

III. Established Programs and Certificate Actions

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

1. Changes to Degree
 - a. AAS to AS, Culinary Arts, Leeward CC, BOR approved, 9/19/13.
 - b. AAS to AS, Culinary Arts, Leeward CC, BOR approved, 9/19/13.

B. Changes to Established Programs approved by the President:

1. Name Change:
 - a. MEd in Educational Technology to Master of Education in Learning Design and Technology, UH Mānoa, President approved, 5/27/14.
 - b. MGeo, Master of Geoscience to Master of Geoscience for Professionals, UH Mānoa, President approved, 3/28/14.
 - c. PhD in Education Technology to PhD in Learning Design and Technology, UH Mānoa, President approved, 5/17/14.
 - d. BFA in Dance Theatre to Dance, UH Mānoa, President approved, 4/22/14.

C. Changes to Established Programs approved by Campus Administrations:

1. Termination:
 1. CC, Culinary Arts – Restaurant Supervision, UH Maui, Chancellor approved, 3/6/14.
 2. CO, Culinary Arts – Pantry Cook, UH Maui, Chancellor approved, 3/6/14.
 3. CO, Culinary Arts – Sanitation, UH Maui, Chancellor approved, 3/6/14.
 4. CO, Culinary Arts – Short Order Cook, UH Maui, Chancellor approved, 3/6/14.
 5. CO, Culinary Arts - Preparation Cook, UH Maui, Chancellor approved, 3/6/14.
 6. CO, Culinary Arts – Storeroom, UH Maui, Chancellor approved, 3/6/14.
 7. CO, Culinary Arts – Waiter/Waitress/Server, UH Maui, Chancellor approved, 3/6/14.
 8. ASC, Bio-Resources & Technology: Plant Biotechnology, Windward CC, Chancellor approved, 5/2/14.
 9. CC, Culinary Arts – Restaurant Supervision, UH Maui, Chancellor approved, 3/6/14.
 10. CO, Culinary Arts – Pantry Cook, UH Maui, Chancellor approved, 3/6/14.
 11. CO, Culinary Arts – Sanitation, UH Maui, Chancellor approved, 3/6/14.

12. CO, Culinary Arts – Short Order Cook, UH Maui, Chancellor approved, 3/6/14.
 13. CO, Culinary Arts - Preparation Cook, UH Maui, Chancellor approved, 3/6/14.
 14. CO, Culinary Arts – Storeroom, UH Maui, Chancellor approved, 3/6/14.
 15. CO, Culinary Arts – Waiter/Waitress/Server, UH Maui, Chancellor approved, 3/6/14.
 16. ASC, Bio-Resources & Technology: Plant Biotechnology, Windward CC, Chancellor approved, 5/2/14.
2. Name Change:
 - a. GCert, Global Health and Population Studies to Global Health Protection and Security, UH Mānoa, Chancellor approved, 2/7/14.
 - b. CO, Substance Abuse Counselor to Substance Abuse Counseling III, UH Maui, Chancellor approved, Fall 2014.
 3. Changes to Degree:
 - a. AAS to AS, Fire and Environmental Emergency Response, Chancellor approved, 1/29/14.
 - b. AA, Liberal Arts with a Concentration in Secondary Education, Kapi‘olani CC, Chancellor approved, 1/2/14.
 - c. AS, Natural Science with a Concentration in Pre-Computer Science, Kapi‘olani CC, Chancellor approved, 1/2/14.
 - d. CO, Accounting, Kaua‘i CC, Chancellor approved, 5/16/14.
 - e. ASNS, Concentration in Pre-Engineering, Windward CC, Chancellor approved, 5/2/14.
 4. Stop-out of Admission to Established Program:
 - a. AAS, CA, Diesel Mechanics, Hawai‘i CC, Chancellor approved, Effective Fall 2014.
 - b. AAS, Commercial Aviation, Honolulu CC, Chancellor approved, Effective Fall 2014.
 5. *Conversion of Certificate of Completion (CC) to Certificate of Competence (CO)

Terminations:

1. *CC, Administration of Justice: Homeland Security, Hawai‘i CC, UHCC System Approved, 11/5/13.
2. *CC, Administration of Justice: Criminal Justice Addictions Professional, Hawai‘i CC, UHCC System Approved, 11/5/13.
3. *CC, Agriculture: Farm Worker, Hawai‘i CC, UHCC System Approved, 11/5/13.

4. *CC, Agriculture: Landscape Worker, Hawai'i CC, UHCC System Approved, 11/5/13.
5. *CC, Auto Body Repair and Painting: Automotive Refinish, Hawai'i CC, UHCC System Approved, 11/5/13.
6. *CC, Auto Body Repair and Painting: Basic Auto Body Repair, Hawai'i CC, UHCC System Approved, 11/5/13.
7. *CC, Business Technology, Hawai'i CC, UHCC System Approved, 11/5/13.
8. *CC, Business Technology: Medical Office Assistant, Hawai'i CC, UHCC System Approved, 11/5/13.
9. *CC, Culinary Arts, Hawai'i CC, UHCC System Approved, 11/5/13.
10. *CC, Digital Media Arts, Hawai'i CC, UHCC System Approved, 11/5/13.
11. *CC, Early Childhood Education, Hawai'i CC, UHCC System Approved, 11/5/13.
12. *CC, Electronics Technology: Network Technology, Hawai'i CC, UHCC System Approved, 11/5/13.
13. *CC, Hospitality and Tourism, Hawai'i CC, UHCC System Approved, 11/5/13.
14. *CC, Human Services, Hawai'i CC, UHCC System Approved, 11/5/13.
15. *CC, Information Technology: Computer Support, Hawai'i CC, UHCC System Approved, 11/5/13.
16. *CC, Machine, Welding and Industrial Mechanics Technology, Hawai'i CC, UHCC System Approved, 11/5/13.
17. *CC, Substance Abuse Counseling, Hawai'i CC, UHCC System Approved, 11/5/13.
18. *CC, Applied Trades, Naval Facilities Engineering Command (NAVFAC), Honolulu CC, Chancellor approved, 1/16/14.
19. *CC, Automotive Technology, Honolulu CC, Chancellor approved, 10/30/13.
20. *CC, Cosmetology: Esthetics, Honolulu CC, Chancellor approved, 1/29/14.
21. *CC, Diesel Mechanics Technology, Honolulu CC, Chancellor approved, 2/24/14.
22. *CC, Early Childhood Education, Honolulu CC, Chancellor approved, 1/16/14.
23. *CC, Fashion Technology, Honolulu CC, UHCC System Approved, 11/5/13.
24. *CC, Human Services, Honolulu CC, Chancellor approved, 1/29/14.
25. *CC, Community Health Worker, Kapi'olani CC, UHCC System Approved, 11/5/13.
26. *CC, Culinary Arts: Culinary, Kapi'olani CC, UHCC System Approved, 11/5/13.

27. *CC, Culinary Arts: Culinary Competition, Kapi'olani CC, UHCC System Approved, 11/5/13.
28. *CC, Culinary Arts: Dining Room, Kapi'olani CC, UHCC System Approved, 11/5/13.
29. *CC, Culinary Arts: Pastry Arts, Kapi'olani CC, UHCC System Approved, 11/5/13.
30. *CC, Customer Service, Kapi'olani CC, UHCC System Approved, 11/5/13.
31. *CC, Database Administration, Kapi'olani CC, Chancellor approved, 11/5/13.
32. *CC, Dental Assisting, Kapi'olani CC, UHCC System Approved, 11/5/13.
33. *CC, Education Paraprofessional: Deaf, Kapi'olani CC, UHCC System Approved, 11/5/13.
34. *CC, Education Paraprofessional: Second Language Teaching, Kapi'olani CC, UHCC System Approved, 11/5/13.
35. *CC, Emergency Medical Technology, Kapi'olani CC, UHCC System Approved, 11/5/13.
36. *CC, Entrepreneurship, Kapi'olani CC, UHCC System Approved, 11/5/13.
37. *CC, Help Desk Services, Kapi'olani CC, UHCC System Approved, 11/5/13.
38. *CC, Hospitality and Tourism: Hospitality Operations Management, Kapi'olani CC, UHCC System Approved, 11/5/13.
39. *CC, Hospitality and Tourism: Travel and Tourism Operations Management, Kapi'olani CC, UHCC System Approved, 11/5/13.
40. *CC, Hotel/Restaurant Operations, Kapi'olani CC, UHCC System Approved, 11/5/13.
41. *CC, Information Technology, Kapi'olani CC, UHCC System Approved, 11/5/13.
42. *CC, Legal Secretary, Kapi'olani CC, UHCC System Approved, 11/5/13.
43. *CC, Litigation, Kapi'olani CC, UHCC System Approved, 11/5/13.
44. *CC, Payroll Preparer, Kapi'olani CC, UHCC System Approved, 11/5/13.
45. *CC, Programming, Kapi'olani CC, UHCC System Approved, 11/5/13.
46. *CC, Tax Preparer, Kapi'olani CC, UHCC System Approved, 11/5/13.
47. *CC, Accounting Office Assistant, Kaua'i CC, UHCC System Approved, 11/5/13.
48. *CC, Accounting Assistant, Kaua'i CC, UHCC System Approved, 11/5/13.

49. *CC, Automotive Maintenance Technology: Drive Drain Specialist, Kaua'i CC, UHCC System Approved, 11/5/13.
50. *CC, Automotive Maintenance Technology: Electronics/Comp Control Specialist, Kaua'i CC, UHCC System Approved, 11/5/13.
51. *CC, Automotive Maintenance Technology: Engine Specialist, Kaua'i CC, UHCC System Approved, 11/5/13.
52. *CC, Automotive Maintenance Technology: Undercar Specialist, Kaua'i CC, UHCC System Approved, 11/5/13.
53. *CC, Business Technology, Kaua'i CC, UHCC System Approved, 11/5/13.
54. *CC, Business Technology: Office Assistant, Kaua'i CC, UHCC System Approved, 11/5/13.
55. *CC, Culinary Arts, Kaua'i CC, UHCC System Approved, 11/5/13.
56. *CC, Digital Film, Kaua'i CC, UHCC System Approved, 11/5/13.
57. *CC, Digital Graphics Design, Kaua'i CC, UHCC System Approved, 11/5/13.
58. *CC, Electrical Installation and Maintenance Tech, Kaua'i CC, UHCC System Approved, 11/5/13.
59. *CC, Entrepreneurship, Kaua'i CC, UHCC System Approved, 11/5/13.
60. *CC, Facilities Engineering, Kaua'i CC, UHCC System Approved, 11/5/13.
61. *CC, Facilities Engineering: Mech, Elec, and Plumbing, Kaua'i CC, UHCC System Approved, 11/5/13.
62. *CC, Hotel Operations, Kaua'i CC, UHCC System Approved, 11/5/13.
63. *CC, Hospitality Management, Kaua'i CC, UHCC System Approved, 11/5/13.
64. *CC, Hospitality Sales and Marketing, Kaua'i CC, UHCC System Approved, 11/5/13.
65. *CC, Individual Income Tax Preparer, Kaua'i CC UHCC System Approved, 11/5/13.
66. *CC, Payroll Preparer, Kaua'i CC, UHCC System Approved, 11/5/13.
67. *CC, Small Business Accounting, Kaua'i CC, UHCC System Approved, 11/5/13.
68. *CC, Auto Mechanic Tech, Leeward CC, UHCC System Approved, 11/5/13.
69. *CC, Business Technology: Admin Support, Leeward CC, UHCC System Approved, 11/5/13.
70. *CC, Business Technology: Health Information Tech, Leeward CC, UHCC System Approved, 11/5/13.

71. *CC, Business Essentials, Leeward CC, UHCC System Approved, 11/5/13.
72. *CC, Business Technology, Leeward CC, UHCC System Approved, 11/5/13.
73. *CC, Culinary Arts, Leeward CC, UHCC System Approved, 11/5/13.
74. *CC, Culinary Arts: Baking, Leeward CC, UHCC System Approved, 11/5/13.
75. *CC, Culinary Arts: Dining Room Supervisor, Leeward CC, UHCC System Approved, 11/5/13.
76. *CC, Culinary Arts: Prep Cook, Leeward CC, UHCC System Approved, 11/5/13.
77. *CC, Digital Media, Leeward CC, UHCC System Approved, 11/5/13.
78. *CC, Culinary Arts, Leeward CC, UHCC System Approved, 11/5/13.
79. *CC, Health Care Administration, Leeward CC, UHCC System Approved, 11/5/13.
80. *CC, Health Information Technology, Leeward CC, UHCC System Approved, 11/5/13.
81. *CC, Information and Computer Science: Basic Network, Leeward CC, UHCC System Approved, 11/5/13.
82. *CC, Information and Computer Science: Advanced Network, Leeward CC, UHCC System Approved, 11/5/13.
83. *CC, Information and Computer Science: Help Desk Services, Leeward CC, UHCC System Approved, 11/5/13.
84. *CC, Medical Office Receptionist, Leeward CC, UHCC System Approved, 11/5/13.
85. *CC, Management: Management Essentials, Leeward CC, UHCC System Approved, 11/5/13.
86. *CC, Management: Travel Industry Management, LeewardCC, UHCC System Approved, 11/5/13.
87. *CC, Business Tech, Leeward CC, UHCC System Approved, 11/5/13.
88. *CC, Office Coordinator, Leeward CC, UHCC System Approved, 11/5/13.
89. *CC, Sales and Marketing, Leeward CC, UHCC System Approved, 11/5/13.
90. *CC, Small Business Accounting, Leeward CC, UHCC System Approved, 11/5/13.
91. *CC, Substance Abuse Tech, Leeward CC, UHCC System Approved, 11/5/13.
92. *CC, Television Production, Leeward CC, UHCC System Approved, 11/5/13.
93. *CC, Agriculture & Natural Resources: Turfgrass Specialist, UH Maui, UHCC System Approved, 11/5/13.

94. *CC, Agriculture & Natural Resources: Sustainable Tropical Crop Production, UH Maui, UHCC System Approved, 11/5/13.
95. *CC, Agriculture & Natural Resources: Landscape Management, UH Maui, UHCC System Approved, 11/5/13.
96. *CC, Auto Body Repair & Painting: Corrosion, UH Maui, UHCC System Approved, 11/5/13.
97. *CC, Auto Body Repair & Painting: Auto Body Refinishing, UH Maui, UHCC System Approved, 11/5/13.
98. *CO, Business Careers: e-Marketing, UH Maui, UHCC System Approved, 11/5/13.
99. *CC, Business Technology, UH Maui, UHCC System Approved, 11/5/13.
100. *CC, Business Technology: Medical Assistant I, UH Maui, UHCC System Approved, 11/5/13.
101. *CC, Culinary Arts: Pastry Cook, UH Maui, UHCC System Approved, 11/5/13.
102. *CC, Dental Assisting, UH Maui, UHCC System Approved, 11/5/13.
103. *CC, Early Childhood Education, UH Maui, UHCC System Approved, 11/5/13.
104. *CC, Electronic & Computer Engineering Technology, UH Maui, UHCC System Approved, 11/5/13.
105. *CC, Fashion Technology: Seamstress, UH Maui, UHCC System Approved, 11/5/13.
106. *CC, Fashion Technology: Fashion-Fabric Salesperson, UH Maui, UHCC System Approved, 11/5/13.
107. *CC, Fashion Technology: Dressmaker, UH Maui UHCC System Approved, 11/5/13.
108. *CC, Hospitality & Tourism, UH Maui, UHCC System Approved, 11/5/13.
109. *CC, Human Services: Health Navigator/Community Health Worker, UH Maui, UHCC System Approved, 11/5/13.
110. *CC, Human Services: Substance Abuse Counseling, UH Maui, UHCC System Approved, 11/5/13.
111. *CC, Nursing Ladder: Medical Assistant I, UH Maui, UHCC System Approved, 11/5/13.
112. *CC, Nursing Ladder, Therapeutic Activity Aide II, UH UHCC System Approved, 11/5/13.
113. *CC, Nursing Ladder, Pharmacy Technician, UH Maui, UHCC System Approved, 11/5/13.
114. *CC, Sustainable Construction Technology, UH Maui, UHCC System Approved, 11/5/13.
115. *CC, Culinary, UH Maui, UHCC System Approved, 11/5/13.
116. *CC, Agriculture Technology, Windward CC, UHCC System Approved, 11/5/13

117. *CC, Plant Landscaping, Windward CC, UHCC System Approved, 11/5/13.
118. *CC, Subtropical Urban Tree Care Arborist, Windward CC, UHCC System Approved, 11/5/13.
119. *CC, Subtropical Urban Tree Care: Tree Worker, Windward CC, UHCC System Approved, 11/5/13.
120. *CC, Sustainable Agriculture, Windward CC, UHCC System Approved, 11/5/13.

Conversions:

1. *CO, Administration of Justice: Criminal Justice Addictions Professional, Hawai'i CC, UHCC System Approved, 11/5/13.
2. *CO, Administration of Justice: Homeland Security, Professional, Hawai'i CC, UHCC System Approved, 11/5/13.
3. *CO, Agriculture: Farm Worker, Hawai'i CC, UHCC System Approved, 11/5/13.
4. *CO, Agriculture: Landscape Worker, Hawai'i CC, UHCC System Approved, 11/5/13.
5. *CO, Auto Body Repair and Painting: Automotive Refinish, Hawai'i CC, UHCC System Approved, 11/5/13.
6. *CO, Auto Body Repair and Painting: Basic Auto Body Repair, Hawai'i CC, UHCC System Approved, 11/5/13.
7. *CO, Business Technology, Hawai'i CC, UHCC System Approved, 11/5/13.
8. *CO, Business Technology: Medical Office Assistant, Hawai'i CC, UHCC System Approved, 11/5/13.
9. *CO, Culinary Arts, Hawai'i CC, UHCC System Approved, 11/5/13.
10. *CO, Digital Media Arts, Hawai'i CC, UHCC System Approved, 11/5/13.
11. *CO, Early Childhood Education, Hawai'i CC, UHCC System Approved, 11/5/13.
12. *CO, Electronics Technology: Network Technology, Hawai'i CC, UHCC System Approved, 11/5/13.
13. *CO, Electronics Technology: Optics Technology, Hawai'i CC, UHCC System Approved, 11/5/13.
14. *CO, Hospitality and Tourism, Hawai'i CC, UHCC System Approved, 11/5/13.
15. *CO, Human Services, Hawai'i CC, UHCC System Approved, 11/5/13.
16. *CO, Information Technology: Computer Support, Hawai'i CC, UHCC System Approved, 11/5/13.
17. *CO, Machine, Welding, and Industrial Mechanics Technologies, Hawai'i CC, UHCC System Approved, 11/5/13.
18. *CO, Substance Abuse Counseling, Hawai'i CC, UHCC System Approved, 11/5/13.

19. *CO, Early Childhood Education, Honolulu CC, Chancellor approved, 1/16/14.
20. *CO, Human Services, Honolulu CC, Chancellor approved, 1/29/14.
21. *CO, Community Health Worker, Kapi'olani CC, UHCC System approved, 11/5/13.
22. *CO, Culinary Arts, Kapi'olani CC, UHCC System approved, 11/5/13.
23. *CO, Culinary Arts – Culinary Competition, Kapi'olani CC, UHCC System approved, 11/5/13.
24. *CO, Culinary Arts – Dining Room, Kapi'olani CC, UHCC System approved, 11/5/13.
25. *CO, Culinary Arts – Pastry Arts, Kapi'olani CC, UHCC System approved, 11/5/13.
26. *CO, Customer Service, Kapi'olani CC, UHCC System approved, 11/5/13.
27. *CO, Database Administrator, Kapi'olani CC, UHCC System approved, 11/5/13.
28. *CO, Dental Assisting, Kapi'olani CC, UHCC System approved, 11/5/13.
29. *CO, Education Paraprofessional – Second Language Teaching, Kapi'olani CC, UHCC System approved, 11/5/13.
30. *CO, Emergency Medical Technician, Kapi'olani CC, UHCC System approved, 11/5/13.
31. *CO, Help Desk Services, Kapi'olani CC, UHCC System approved, 11/5/13.
32. *CO, Hospitality & Tourism – Hospitality Operations Management, Kapi'olani CC, UHCC System approved, 11/5/13.
33. *CO, Hospitality & Tourism – Travel and Tourism Operations Management, Kapi'olani CC, UHCC System approved, 11/5/13.
34. *CO, Hotel/Restaurant Operations, Kapi'olani CC, UHCC System approved, 11/5/13.
35. *CO, Legal Secretary, Kapi'olani CC, UHCC System approved, 11/5/13.
36. *CO, Payroll Preparer, Kapi'olani CC, UHCC System approved, 11/5/13.
37. *CO, Programming, Kapi'olani CC, UHCC System approved, 11/5/13.
38. *CO, Tax Preparer, Kapi'olani CC, UHCC System approved, 11/5/13.
39. CO, Accounting Assistant, Kaua'i CC, Chancellor approved, 5/16/14.
40. CO, Alternative Certification in Teaching Certificate, Leeward CC, Chancellor approved, 3/25/14.

41. *CO, Automotive Drive Train Specialist, Kaua'i CC, Chancellor approved, 5/16/14.
42. *CO, Automotive Electrical/Computer Specialist, Kaua'i CC, Chancellor approved, 5/16/14.
43. *CO, Automotive Engine Specialist, Kaua'i CC, Chancellor approved, 5/16/14.
44. *CO, Automotive Undercar Specialist, Kaua'i CC, Chancellor approved, 5/16/14.
45. *CO, Business Technology, Kaua'i CC, Chancellor approved, 2/18/14.
46. *CO, Business Technology Office Assistant, Kaua'i CC, Chancellor approved, 2/18/14.
47. *CO, Cisco I, Kaua'i CC, Chancellor approved, 2/18/14.
48. *CO, Cisco II, Kaua'i CC, Chancellor approved, 2/18/14.
49. *CO, Culinary Arts, Kaua'i CC, Chancellor approved, 1/16/14.
50. *CO, Culinary Arts – Food Preparer, Kaua'i CC, Chancellor approved, 1/16/14.
51. *CO, Digital Film, Kaua'i CC, Chancellor approved, 5/16/14.
52. *CO, Digital Graphics Design, Kaua'i CC, Chancellor approved, 5/16/14.
53. *CO, Electrical Installation and Maintenance Technology, Kaua'i CC, Chancellor approved, 1/16/14.
54. *CO, Electronics, Kaua'i CC, Chancellor approved, 2/18/14.
55. *CO, Entrepreneurship, Kaua'i CC, Chancellor approved, 5/16/14.
56. *CO, Facilities Engineering Technology, Kaua'i CC, Chancellor approved, 5/16/14.
57. *CO, Hospitality Essentials, Kaua'i CC, Chancellor approved, 5/16/14.
58. *CO, Hospitality Management, Kaua'i CC, Chancellor approved, 5/16/14.
59. *CO, Hospitality Operations, Kaua'i CC, Chancellor approved, 5/16/14.
60. *CO, Hospitality Sales and Marketing, Kaua'i CC, Chancellor approved, 5/16/14.
61. *CO, Individual Income Tax Preparer, Kaua'i CC, Chancellor approved, 5/16/14.
62. *CO, Medical Assisting, Kaua'i CC, Chancellor approved, 5/16/14.
63. *CO, Payroll Preparation, Kaua'i CC, Chancellor approved, 5/16/14.
64. *CO, Small Business Accounting, Kaua'i CC, Chancellor approved, 5/16/14.
65. *CO, Automotive Technology, Leeward CC, Chancellor approved, 1/31/14.

66. *CO, Business Essentials, Leeward CC, Chancellor approved, 1/31/14.
67. *CO, Business Technology, Leeward CC, Chancellor approved, 3/25/14.
68. *CO, Culinary Arts – Baking, Leeward CC, Chancellor approved, 1/31/14.
69. *CO, Culinary Arts – Dining Room Supervisor, Leeward CC, Chancellor approved, 3/25/14.
70. *CO, Culinary Arts – Preparation Cook, Leeward CC, Chancellor approved, 3/25/14.
71. *CO, Digital Media Production, Leeward CC, Chancellor approved, 1/31/14.
72. *CO, Health Information Technology, Leeward CC, Chancellor approved, 1/31/14.
73. *CO, Human Services – Substance Abuse Counseling, Leeward CC, Chancellor approved, 3/25/14.
74. *CO, Information Technology, Advanced Network, Leeward CC, Chancellor approved, 1/31/14.
75. *CO, Information Technology – Help Desk Services, Leeward CC, Chancellor approved, 1/31/14.
76. *CO, Management Essentials, Leeward CC, Chancellor approved, 1/31/14.
77. CO, Plant Biology and Tropical Agriculture, Leeward CC, Chancellor approved, 6/2/14.
78. *CO, Sales & Marketing, Leeward CC, Chancellor approved, 1/31/14.
79. *CO, Small Business Accounting, Leeward CC, Chancellor approved, 1/31/14.
80. *CO, Television Production, Leeward CC, Chancellor approved, 1/31/14.
81. *CO, Travel Industry Management, Leeward CC, Chancellor approved, 1/31/14.
82. *CO, Auto Body Refinishing, UH Maui, UHCC System Approved, 11/5/13.
83. *CO, Business Technology, UH Maui, UHCC System Approved, 11/5/13.
84. *CO, Corrosion, UH Maui, UHCC System Approved, 11/5/13.
85. *CO, Dental Assisting, UH Maui, UHCC System Approved, 11/5/13.
86. *CO, Dressmaker, UH Maui, UHCC System Approved, 11/5/13.
87. *CO, e-Marketing, UH Maui, UHCC System Approved, 11/5/13.
88. *CO, Early Childhood Education, UH Maui, UHCC System Approved, 11/5/13.

89. *CO, Early Childhood Option, UH Maui, UHCC System Approved, 11/5/13.
90. *CO, ECET, UH Maui, UHCC System Approved, 11/5/13.
91. *CO, Fashion-Fabric Salesperson, UH Maui, UHCC System Approved, 11/5/13.
92. *CO, HOST, UH Maui, UHCC System Approved, 11/5/13.
93. *CO, Landscape Maintenance, UH Maui, UHCC System Approved, 11/5/13.
94. *CO, Medical Assistant I, UH Maui, UHCC System Approved, 11/5/13.
95. *CO, Pastry Cook, UH Maui, UHCC System Approved, 11/5/13.
96. *CO, Pharmacy Tech, UH Maui, UHCC System Approved, 11/5/13.
97. *CO, Seamstress, UH Maui, UHCC System Approved, 11/5/13.
98. *CO, Substance Abuse Counseling III, UH Maui, UHCC System Approved, 11/5/13.
99. *CO, Sustainable Construction Technology, UH Maui, UHCC System Approved, 11/5/13.
100. *CO, Sustainable Tropical Crop Production, UH Maui, UHCC System Approved, 11/5/13.
101. *CO, Therapeutic Activity Aide II, UH Maui, UHCC System Approved, 11/5/13.
102. *CO, Turfgrass Specialist, UH Maui, UHCC System Approved, 11/5/13.
103. *CO, Agricultural Technology, Windward CC, Chancellor approved, 10/30/13.
104. *CO, Plant Landscaping, Windward CC, Chancellor approved, 10/30/13.
105. *CO, Subtropical Urban Tree Care, Windward CC, Chancellor approved, 10/30/13.
106. *CO, Sustainable Agriculture, Windward CC, Chancellor approved, 10/30/13.

**Per Memorandum from Suzette Robinson, Director, Academic Programs for Community Colleges, dated 11/5/13, "Effective Fall 2014, please delete the Certificate of Completion as a credential offered or conferred at the University of Hawaii Community Colleges. Beginning Fall 2014, the requirements for the Certificate of Completion will be contained within the Certificate of Competence."

IV. Other Related Academic Actions

A. Department Name Change:

1. Meteorology, renamed Department of Meteorology to department of Atmospheric Sciences, UH Mānoa, Chancellor approved, 5/29/14.
2. Educational Technology, renamed Department of Learning Design and Technology, UH Mānoa, Chancellor approved, 5/22/14.

B. Other Program Changes/Actions:

1. Honors Track, Political Science, approved new Honors Track within the BA in Political Science, UH Mānoa, VCAA approved, 4/10/14.
2. Honors Track, Nursing, approved new Honors Track within the BS in Nursing, UH Mānoa, VCAA approved, 2/4/14.
3. Honors Track, American Studies, approved new Honors Track within the BA in American Studies program, VCAA approved, 1/23/14.
4. Honors Track, Economics, approved new Honors Track within the BA in Economics, VCAA approved, 1/23/14.
5. Honors Track, History, approved new Honors track within the BA in History, UH Mānoa, VCAA approved, 1/23/14.

V. Review of Established Programs

A. Introduction

This section of the report provides a summary of the reviews of established programs at the UH Mānoa, 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:

Program review at Mānoa (UHM) is coordinated by the Office of the Vice Chancellor for Academic Affairs (OVCAA) and is designed to help Schools/Colleges examine, assess,

and strengthen academic programs with respect to discipline, university policy, and external accreditation standards. It enables units to enhance program quality, determine their ability to respond to future challenges and opportunities, evaluate strengths and weaknesses, and determine future priorities. UHM reviews all academic programs in a School/College concurrently, taking into consideration the overarching administrative and support structure of the college.

The review process includes a self-study conducted by the academic department housing the program, as well as an executive summary from the Dean of the College. The self-study outline follows established guidelines set forth by Executive Policies E5.201: "Approval of New Academic Programs and Review of Provisional Academic Programs," and E5.202: "Review of Established Programs." UHM recently updated the self-study guidelines to ensure fidelity to the changing WASC standards and criteria for review. The outline also includes a focus on distance-delivered programs, and has developed criteria and guidelines to review academic support units.

A review team composed of external evaluators considers the self-study report, the executive summary of the Dean, the annual assessment reports for each program over the last five years, the student and alumni survey, data on faculty research and service, and reviews departmental and College governance practices. In 2014, OVCAA developed a procedure for reviewing low enrollment programs as part of program review to establish it as a systematic component of ongoing assessment for continuous program improvement. After reviewing these materials, the team conducts a three-day campus visit with various stakeholders related to the School/College including administrators, faculty, staff, and students. At the close of the visit, the team presents its findings to the Chancellor, Vice Chancellor for Academic Affairs, Dean of Graduate Education, Dean of the College, department chairs, faculty, staff, and students from the units reviewed. Once the review team submits the final report, an exit interview is held with the Dean and the Vice Chancellor for Academic Affairs to discuss the report recommendations and develop an implementation plan. These reviews and recommendations help support administrative decisions affecting the program and the College. One-year and midterm progress reports are provided to the Vice Chancellor for Academic Affairs by the Dean and department chairs addressing progress made toward implementing the recommendations.

Professional Accreditation

In accordance with UHM procedures, OVCAA reviews self-studies prepared for professional accreditation, participates in the accrediting review team's campus visit, reviews the final report and the accrediting agency's action letter, all in lieu of an OVCAA-organized external review. Upon receipt of the decision and action of the accrediting agency, professionally accredited programs move directly to the exit interview, followed by a one-year and midterm progress report concentrating on how the College will address the issues raised by the accrediting agency. In general, coordination of professional accreditation with program review has not affected the model of reviewing programs by College.

In 2014, following consultation with the Dean of Graduate Education, it was determined that the review of non-accredited graduate degree programs in professionally accredited Schools and Colleges which were previously coordinated by Graduate Education, are now to be coordinated by OVCAA. This enables OVCAA to remain current and knowledgeable regarding all academic program accreditation across the campus.

The WASC Commission noted in their July 5, 2011 letter: “Regarding educational effectiveness, of special note is UHM’s academic program review process which the team called a “total success,” “well articulated,” “highly developed...linked to WASC standards, and broadly supported as worthwhile by the faculty.”

Program and Credential	Status
<i>UH Mānoa</i>	
<i>Biology (BA,BS)</i>	<i>Completed May 2014</i>
<i>Marine Biology (BS)</i>	<i>Completed May 2014</i>
<i>Zoology (MS, PhD)</i>	<i>Completed May 2014</i>
<i>Botany (BA/BS, MS, PhD)</i>	<i>Completed May 2014</i>
<i>Ethnobotany (BS)</i>	<i>Completed May 2014</i>
<i>Chemistry (BA/BS, MS, PhD)</i>	<i>Completed May 2014</i>
<i>Biochemistry (BA/BS)</i>	<i>Completed May 2014</i>
<i>Mathematics (BA/BS, MS, PhD)</i>	<i>Completed May 2014</i>
<i>Microbiology (BA/BS, MS, PhD)</i>	<i>Completed May 2014</i>
<i>Molecular Cell Biology (BS)</i>	<i>Completed May 2014</i>
<i>Computer Science (BS, MS, PhD)</i>	<i>Completed May 2014</i>
<i>Information & Computer Science (BA)</i>	<i>Completed May 2014</i>
<i>Library & Information Science (MLISc)</i>	<i>Completed May 2014</i>
<i>Chinese (BA)</i>	<i>Completed November 2013</i>
<i>Classics (BA)</i>	<i>Completed November 2013</i>
<i>East Asian Languages and Literature – Chinese (MA, PhD)</i>	<i>Completed November 2013</i>
<i>East Asian Languages and Literature – Japanese (MA, PhD)</i>	<i>Completed November 2013</i>
<i>East Asian languages and Literature – Korean (MA, PhD)</i>	<i>Completed November 2013</i>
<i>French (BA, MA)</i>	<i>Completed November 2013</i>
<i>German (BA)</i>	<i>Completed November 2013</i>
<i>Japanese (BA)</i>	<i>Completed November 2013</i>
<i>Korean (BA)</i>	<i>Completed November 2013</i>
<i>Linguistics (MA, PhD)</i>	<i>Completed November 2013</i>
<i>Philippine Language and Literature (BA)</i>	<i>Completed November 2013</i>
<i>Russian (BA)</i>	<i>Completed November 2013</i>
<i>Second Language Studies (BA, MA, PhD)</i>	<i>Completed November 2013</i>

<i>Spanish (BA, MA)</i>	<i>Completed November 2013</i>
<i>Kinesiology & Rehabilitation Science for Health and Physical Education</i>	<i>NCATE Review completed April 2014</i>
<i>Education (BEd, MEd, PhD)</i>	<i>NCATE Review completed April 2014</i>
<i>Education in Teaching (MEdT)</i>	<i>NCATE Review completed April 2014</i>
<i>Learning Design and Technology (PhD)</i>	<i>NCATE Review completed April 2014</i>
<i>Professional Educational Practice (EdD)</i>	<i>NCATE Review completed April 2014</i>
<i>Educational Psychology (PhD)</i>	<i>NCATE Review completed April 2014</i>
<i>Master of Urban and Regional Planning (MURP)</i>	<i>PAB Accredited November 2013</i>
<i>Music (BA, BMus, MA, MMus, PhD)</i>	<i>NASM Review completed December 2013</i>
<i>Doctor of Nursing Practice (DNP)</i>	<i>CCNE Accreditation Review completed May 2014</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 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 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 Faculty Congress and department faculty participate in the Congress' deliberations. The Congress recommends actions to the Vice Chancellor for Academic Affairs, who decides on recommendations, sends each department a memorandum of understanding, and prepares the annual summary report to the UH System. Department faculty may consult with the Vice Chancellor for Academic Affairs 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 Vice Chancellor for Academic Affairs.

Program and Credential	Status
<i>UH Hilo</i>	<i>NONE</i>

D. UH West O'ahu

Background

UH West O'ahu is continuing steps 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 Authorizations 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 of Regents in the upcoming years.

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 study such as the Humanities, Social Sciences, or Professional Studies rather than limiting program emphasis to a single discipline. Within the context of this area of study, students are also required to develop competencies in multiple related academic areas of concentration.

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.

Procedures for Program Review

Academic programs at UHWO are reviewed on a five-year cycle. The Vice Chancellor for Academic Affairs' office maintains the five-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 is 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, then updated in 2013 for 2014-2020. This template calls for analysis, summary, and recommendations for action on the following major program components:

- Curriculum
- Faculty
- Students
- Resources
- Institution-wide Learning Objectives and
- Division and Concentration Learning Outcomes

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

Program and Credential	Status
<i>UH West O‘ahu</i>	
<i>Business Administration (BA, BAS)</i>	<i>Review in progress; expected completion early Fall 2014</i>
<i>Humanities (BA)</i>	<i>Review in progress; expected completion, Spring 2015.</i>
<i>Public Administration (BA, BAS)</i>	<i>Review in progress; expected completion, late Fall 2014.</i>
<i>Social Sciences (BA)</i>	<i>Review in progress; expected completion, Fall 2014</i>

E. Community Colleges

Procedures for Program Review

During the 1992-93 academic year, the University of Hawai'i Community Colleges (UHCC) 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 UHCC, "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/accreditation/response/Att7.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 is used to make campus and UHCC system resource plans and provides data in support of the University's Academic Program Action 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:

Program and Credential	Status	
<i>Hawai'i CC</i>		
<i>Accounting (CA, AAS)</i>	<i>Annual program review completed</i>	
<i>Administration of Justice (AS)</i> <i>Homeland Security (CC)</i> <i>Criminal Justice Addictions Professional (CC)</i>		
<i>Agriculture (CA, AAS)</i> <i>Farm Worker (CC)</i> <i>Landscape Worker (CC)</i>		
<i>Architectural, Engineering and CAD Technologies (CA, AAS)</i>		
<i>Auto Body Repair and Painting (CA, AAS)</i> <i>Automotive Refinish (CC)</i> <i>Basic Auto Body Repair (CC)</i>		
<i>Automotive Mechanics Technology (CA, AAS)</i>		
<i>Business Technology (CC, CA, AAS)</i> <i>Medical Office Assistant (CC)</i>	<i>Annual program review completed</i>	
<i>Carpentry (CA, AAS)</i>		
<i>Culinary Arts (CC, CA, AAS)</i>		
<i>Diesel Mechanics (CA, AAS)</i>	<i>Annual and comprehensive program review completed</i>	
<i>Digital Media Arts (CC)</i>		
<i>Early Childhood Education (CC, CA, AS)</i>		
<i>Electrical Installation and Maintenance Technology (CA, AAS)</i>		
<i>Electronics Technology (CA, AAS)</i> <i>Optics Technology (CO)</i> <i>Network Technology (CO)</i>		
<i>Fire Science (CA, AS)</i>		
<i>Hawai'i Life Styles</i> <i>Hula Track (AAS)</i> <i>Lawai'a Track (AAS)</i> <i>Mahi'ai Track (AAS)</i> <i>Hawaiian Studies (AA)</i>		
<i>Hospitality and Tourism (CC, CA, AAS)</i>		
<i>Human Services (CC)</i>		
<i>Information Technology (CA, AS)</i> <i>Computer Support (CC)</i>		
<i>Liberal Arts (AA)</i> <i>Environmental Studies (ASC)</i> <i>Hawai'i Life Styles (ASC)</i>		
<i>Machine, Welding and Industrial Mechanics Technologies (CC, CA, AAS)</i>		<i>Annual and comprehensive</i>

	<i>program review completed</i>
<i>Marketing (CA, AAS)</i>	<i>Annual program review completed</i>
<i>Nursing and Allied Health Nursing (AS) Practical Nursing (CA)</i>	<i>Annual and comprehensive program review completed</i>
<i>Substance Abuse Counseling (CC) Prevention Specialist (CO)</i>	<i>completed</i>
<i>Tropical Forest Ecosystem and Agroforestry Management (CA, AS)</i>	<i>Annual program review completed</i>

Program and Credential	Status/Action
<i>Honolulu CC</i>	
<i>Administration of Justice (AAS)</i>	
<i>Aeronautics Maintenance Technology (CA, AS)</i>	<i>Annual program review completed</i>
<i>Applied Trades (CA, CO, AAS)</i>	
<i>Architectural, Engineering & CAD Technologies (CA, AS)</i>	
<i>Asian Studies (ASC)</i>	
<i>Auto Body Repair & Painting (CA, AAS)</i>	
	<i>Comprehensive program review completed</i>
<i>Automotive Technology (CA, AAS)</i>	<i>Annual program review completed</i>
<i>Carpentry Technology (AAS)</i>	
<i>Commercial Aviation (AS)</i>	
<i>Communication (ASC)</i>	
<i>Communication Arts (AS)</i>	
<i>Computing, Electronics, & Networking Technology (CA, AS)</i>	
<i>Construction Management (CA, AS)</i>	
<i>Cosmetology (CA, AAS)</i>	
<i>Diesel Mechanics Technology (CA, AAS)</i>	<i>Comprehensive program review completed</i>
<i>Early Childhood Education (CO, AS)</i>	
<i>Electrical Installation & Maintenance Technology (CA, AAS)</i>	<i>Annual program review completed</i>
<i>Fashion Technology (CA, AAS)</i>	
<i>Fire & Environmental Emergency Response (AAS)</i>	
<i>Hawaiian Studies (AA)</i>	<i>Annual program review completed</i>
<i>Human Services (CO, CA, AAS)</i>	<i>Comprehensive program review completed</i>
<i>Humanities</i>	
<i>Industrial Education (AAS)</i>	

<i>Information & Computer Science Kūlana Hawai'i – Hawaiian Programs</i>	<i>Annual program review completed</i>
<i>Language Arts</i>	
<i>Mathematics</i>	
<i>Music & Entertainment Learning Experience (AS)</i>	
<i>Natural Sciences (AS)</i>	
<i>Occupational & Environmental Safety Management (CA, AS)</i>	
<i>Psychology (ASC)</i>	<i>Comprehensive program review completed</i>
<i>Refrigeration & Air Conditioning Technology (CA, AAS)</i>	
<i>Sheet Metal & Plastics Technology (CA, AAS)</i>	<i>Annual program review completed</i>
<i>Small Vessel Fabrication & Repair (CA, AAS)</i>	
<i>Social Sciences</i>	
<i>Welding Technology (CA, AAS)</i>	

Program and Credential	Status / Action
<i>Kapi'olani CC</i>	
<i>Accounting (AS, CA)</i>	<i>Annual program review completed</i>
<i>Culinary Arts (AS, CA)</i>	
<i>Dental Assisting (CO)</i>	
<i>Emergency Medical Technician (CO)</i>	
<i>Hawaiian Studies (AA)</i>	
<i>Hospitality and Tourism (AS, CA)</i>	
<i>Information Technology (AS, CA)</i>	
<i>Liberal Arts (AA)</i>	
<i>Hawaiian Studies (ASC)</i>	
<i>Asian Studies (ASC)</i>	
<i>International Studies (ASC)</i>	
<i>Marketing (AS)</i>	
<i>Medical Assisting (AS, CA)</i>	
<i>Medical Laboratory Technician (AS)</i>	
<i>Mobile Intensive Care Technician (AS)</i>	
<i>New Media Arts (AS)</i>	
<i>Nursing (AS)</i>	
<i>Practical Nursing (CA)</i>	
<i>Occupational Therapy Assistant (AS)</i>	
<i>Paralegal (AS)</i>	
<i>Physical Therapist Assistant (AS)</i>	

<i>Radiologic Technology (AS)</i>	
<i>Respiratory Care (AS)</i>	
<i>Retail Management (CA)</i>	
<i>Travel and Tourism (AS)</i>	

Program and Credential	Status / Action
<i>Kaua'i CC</i>	<i>Annual program review completed</i>
<i>Accounting</i>	
<i>Business Technology</i>	
<i>Electronics Technology</i>	
<i>Facilities Engineering Technology</i>	
<i>Health, Physical Education and Recreation</i>	

Program and Credential	Status / Action
<i>Leeward CC</i>	<i>Annual program review completed</i>
<i>Associate in Arts Program (AA)</i>	
<i>Associate in Arts in Teaching (AAT)</i>	
<i>Automotive Technology (AAS)</i>	
<i>Culinary Arts (AAS)</i>	
<i>Management (AAS)</i>	
<i>Accounting (AS)</i>	
<i>Business Technology (AS)</i>	
<i>Digital Media (AS)</i>	
<i>Information and Computer Science (AS)</i>	
<i>Television Production (AS)</i>	
<i>Human Services/Substance Abuse Counseling (CC)</i>	
<i>Accounting Program (CA, CO, ASC, AS)</i>	
<i>Associate in Arts Program (ASC)</i>	
<i>Associate in Arts in Teaching (AA)</i>	
<i>Automotive Technology (CA, CO, ASC)</i>	
<i>Business Technology Program (CO, CA, ASC, AS)</i>	
<i>Culinary Arts Program (CA, CO, AS)</i>	
<i>Digital Media Program (CA, CO, ASC, AS)</i>	
<i>Information and Computer Science Program (CO, CA, ASC, AS)</i>	
<i>Substance Abuse Counseling Program (CO)</i>	
<i>Supervisory Management Program (ASC)</i>	
<i>Television Production Program (CA, CO, AS)</i>	

Program and Credential	Status / Action
<i>Maui College</i>	
<i>Accounting (AAS, CA)</i>	<i>Annual program review completed</i>
<i>Administration of Justice (AAS, CA, CO)</i>	
<i>Agriculture & Natural Resources (CO, CC, AAS)</i>	
<i>Applied Business & Information Technology (BAS)</i>	
<i>Auto Body Repair & Painting (AAS, CA, CC)</i>	
<i>Automotive Technology (CPD, CO, CA, AAS)</i>	
<i>Business Careers (CO, CC, CA, AAS)</i>	
<i>Business Technology (CO, CC, CA, AAS)</i>	
<i>Culinary Arts (CPD, CC, CA, AAS)</i>	
<i>Dental Assisting (CC)</i>	
<i>Dental Hygiene (AS)</i>	
<i>Early Childhood Education (CC, CA, AS)</i>	
<i>Electronics and Computer Engineering Technology (AS, CA, CC)</i>	
<i>Engineering Technology (BAS)</i>	
<i>Fashion Technology (CC, CA, AAS)</i>	
<i>Hawaiian Studies (AA)</i>	
<i>Hospitality and Tourism (AAS, CA, CC)</i>	
<i>Human Services (AS, CA, CC, CO)</i>	
<i>Liberal Studies (AA)</i>	
<i>Natural Sciences (ASNS)</i>	
<i>Nursing (AS), Nursing – Practical (CA)</i>	
<i>Sustainable Construction Technology (CPD, CC, CA, AAS)</i>	
<i>Sustainable Science Management (BAS)</i>	

Program and Credential	Status / Action
<i>Windward CC</i>	
<i>Agricultural Technology (CO)</i>	<i>Annual program review completed</i>
<i>Agrpharmatech (CA)</i>	
<i>Hawaiian Studies (AS, ASC)</i>	
<i>Liberal Studies (AA)</i>	
<i>Remedial/Developmental Math, Reading & Writing</i>	
<i>Veterinary Assisting (CA)</i>	

VI. Programs with Small Number of Graduates

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
DEGREE LEVEL - BACCALAUREATE									
BA	RUS	Russian	3			3	1	The BA in Russian was modified in February 2014 to merge tracks and to reduce the number of credits for the degree. It is anticipated that these changes will make the program more attractive and facilitate timely graduation. Russian is trending upward, nationally, after a period of low enrollments. It is a classified as a Strategic Language by the U.S. Government. Russian is important to our Asia-Pacific mission.	
BA	CLAS	Classics	3		2	5	2	Fall 2013 enrollment in the BA in Classics program increased to 11 from an enrollment of 2 in Fall 2008. In 2013, the faculty received approval to modify the curriculum to bring the program in line with national trends and best practices. We anticipate that the modification will bring an increase in enrollment and the number of degrees awarded.	
BS	MBBE	Molecular Biosciences & Biotech	4	2	2	8	3	In Spring 2013, the BS in Plant and Environmental Biotechnology was renamed the BS in Molecular Biosciences and Biotechnology. The new name more accurately reflects the molecular-orientation approach to problem solving in technology, and will provide a more relevant degree for graduates as they pursue employment. The faculty in this newly renamed program are reaching out by cross-listing their courses with the Biology program. This is expected to attract students who have a biotechnology orientation and an interest in applied molecular biosciences. All of our students have research internships, which will appeal to newcomers. We have also collaborated (and held workshops) with the community colleges life science, medical technology, and microbiology programs to facilitate the transfer of two-year degree students into our four-year program.	

University of Hawaii
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Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
BFA	DNTH	Dance Theatre	3	4	2	9	3	The BFA in Dance Theatre was renamed the BFA in Dance in March 2013 to appropriately reflect the curriculum and to better align with standards in today's dance industry. It is anticipated that the modified degree title will aid in recruitment, and support graduates in applying for work and/or future advanced study. The BA in Dance enables students to work in the dance traditions of Asia and the Pacific as well as the dance traditions of Europe and the United States. We will be mounting a vigorous campaign by reaching out to our local high school students via activating our social media and connections. We project 15-25% increase in graduates in all undergraduate and graduate degree programs. With the New Dance Building, dedicated Spring 2013, the department anticipates an increase in enrollment. The program now plans to apply for national accreditation, which should substantially improve recruitment for both graduate and undergraduate degree offerings.	

University of Hawaii
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 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
BA	GEOL	Geology	2	4	3	9	3	The 2013 review of the Department of Geology and Geophysics (GG) concluded that GG is one of the "leading earth science departments in the nation" and that its "...intellectual strength is supported by an exceptional complement of laboratory facilities that is surpassed by few other earth science departments." GG argues that numbers alone do not define excellence and that in training students in the management of natural hazards and resources, GG provides a valuable, indeed irreplaceable, service to the state. The BA program is currently based on a less math, chemistry and physics intensive subset of the courses required for the BS degree and is meant to appeal to students wanting general knowledge in the discipline. Since there are no extra GG courses taught nor faculty or staff required to offer the BA, GG suggests the BA and BS be evaluated as a single program. The faculty are working to increase enrollment by changing the name of the department, the type and frequency of entry-level course offerings, and by introducing the new professional degree "MGEO".	
BA	GER	German	4	2	3	9	3	German is trending strongly upward, with 9 graduates in 2014, compared with an average to 3 per year in earlier years. We anticipate increasing enrollment.	

University of Hawaii
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 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year					Total	Average	Comments
			2011	2012	2013	2011-13	2011-13			
BS	MEDT	Medical Technology	5	2	2	9	3	<p>Admission to the Medical Technology program was stopped out from 2009 to 2010, which explains the decrease in the number of degrees awarded in 2012 and 2013. The Medical Technology program is professionally accredited. It was restructured to a career-ladder (2+2) format in fall of 2010. As such, students who complete the Medical Lab Technician Associate of Science degree (e.g., Kapiolani Community College's program) are admitted to the bachelor's program.</p> <p>Medical Technology is a vital component of our healthcare industry. There continues to exist a critical shortage of qualified lab professionals nationally and in Hawaii. Taking into consideration the capacity of our teaching facility, availability of clinical affiliates to accommodate our students in rotations, and the local employment opportunities, approximately 10 graduates per year is optimal class size for our Department.</p>		
BS	PEPS	Plant & Environ Protection Sci	1	4	5	10	3	<p>During the past several years, PEPS has increased the number of undergraduate course offerings and during that period the number of enrollees and graduates has steadily increased.</p>		
BS	EBOT	Ethnobotany	5	2	4	11	4	<p>The BS in Ethnobotany is still provisional. The Botany faculty reviewed the program and identified the large number of required credits as a reason for low enrollment, a longer time-to-degree, and the low number of degrees conferred. The faculty proposed reducing the number of credits in the major from 94 to 82; however, Vice Chancellor Dasenbrock requested that they take another look to see whether the curriculum could be further revised allow students room to pursue electives outside of the major.</p>		

UH Mānoa

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year				Total		Average 2011-13	Comments
			2011	2012	2013	2011-13	2011-13			
BS	BENG	Biological Engineering	3	4	5	12	4	4	The undergraduate program is an ABET accredited engineering program. The program has shown a steady increase in enrollment since 2010. In the past year, student numbers increased from 33 to 42. Seventeen (17) new students enrolled for Fall 2014. The BE and MBBE faculty have made considerable efforts to provide valuable research opportunities to the BE undergraduate students and CTAHR provides a number of scholarships to BE undergraduate students. Together, these efforts strengthen student retention. With the increasing trend in enrollment and efforts to help retain students, the number of degrees awarded under the BE BS program is expected to increase.	
BS	MET	Meteorology	2	5	5	12	4	4	As a result of recommendations received through the 2013 review, the Department proposed that the degrees and department names be changed to Atmospheric Sciences. It is anticipated that the name change will expand the appeal of the undergraduate and graduate programs, and open the door to collaboration with Oceanography faculty in the areas of weather and climate variability. The Department also established an undergraduate advising and recruiting committee to strengthen the program and has purchased large flat screen displays and outfitted a new community room to provide a weekly capstone meeting of faculty and students to review global weather events. In addition, a new articulation agreement with Nanjing University of Information Science and Technology will introduce cohorts of high-level Chinese students, thus significantly increasing the number of students in MET undergraduate and graduate programs.	
BS	NURP	Nursing, Upper Division	9	4	1	14	5	5		

Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
BA, BS	PHYS	Physics	2	7	5	14	5	Programs were reviewed in the 2013-14 academic year. Vice Chancellor Dasenbrock met with the Dean and the Chair of the Department, and agreed to postpone a decision to stop-out admission to the BA program until the faculty could develop and implement a plan to modify the curriculum and increase enrollment. The Physics faculty are working on restructuring the Physics BA program.	
BA, BS	BOT	Botany	4	6	7	17	6	The Department is still in the process of phasing in recently approved changes to the Botany BA & BS curricula. These include Freshman, Sophomore, Junior, and Senior seminars that were designed to better engage students in the botanical sciences. We anticipate that these changes will attract more students to these degree programs over the next several years.	
BA	DANC	Dance	3	8	6	17	6	The BFA in Dance Theatre was renamed the BFA in Dance in March 2013 to appropriately reflect the curriculum and to better align with standards in today's dance industry. It is anticipated that the modified degree title will aid in recruitment, and support graduates in applying for work and/or future advanced study. The BA in Dance enables students to work in the dance traditions of Asia and the Pacific as well as the dance traditions of Europe and the United States. We will be mounting a vigorous campaign by reaching out to our local high school students via activating our social media and connections. We project 15-25% increase in graduates in all undergraduate and graduate degree programs. With the New Dance Building, dedicated Spring 2013, the department anticipates an increase in enrollment. The program now plans to apply for national accreditation, which should substantially improve recruitment for both graduate and undergraduate degree offerings.	

University of Hawaii
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 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year				Total		Average 2011-13	Comments
			2011	2012	2013	2011-13	2011-13			
BS	GG	Geology & Geophysics	4	10	4	18	6	<p>The 2013 review of the Department of Geology and Geophysics (GG) concluded that GG is one of the "leading earth science departments in the nation" and that its "...intellectual strength is supported by an exceptional complement of laboratory facilities that is surpassed by few other earth science departments." GG argues that numbers alone do not define excellence and that in training students in the management of natural hazards and resources, GG provides a valuable, indeed irreplaceable, service to the state. The BA program is currently based on a less math, chemistry and physics intensive subset of the courses required for the BS degree and is meant to appeal to students wanting general knowledge in the discipline. Since there are no extra GG courses taught nor faculty or staff required to offer the BA, GG suggests the <u>BA and BS be evaluated as a single program</u>. The faculty are working to increase enrollment by changing the name of the department, the type and frequency of entry-level course offerings, and by introducing the new professional degree "MGEO".</p>		
BA	PHLL	Philippine Lang and Lit	11	5	3	19	6	<p>The BA was approved by the Regents for permanent status in November 2012, taking into account the enrollment pattern. The College is monitoring enrollment and will consider options at the time of the next external program review.</p>		
BS	TPSS	Tropical Plant & Soil Sciences	6	12	6	24	8	<p>A strategic planning meeting was held in July 2014 to identify/revise new tracks for the undergraduate curriculum. These new tracks are anticipated to result in increased enrollment.</p>		
BS	ANSC	Animal Sciences	9	4	15	28	9	<p>Fall enrollment increased by 14% between 2012 and 2013 and by 149% over last five years. We are reorganizing some courses and requirements to remove bottlenecks, so students can graduate in a more timely manner. We are quite sure that the program will not remain on the small program list in the future.</p>		
Baccalaureate Total			83	85	80	248	83			

University of Hawaii
 Degrees and Certificates Awarded
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Comments

Outcome	Major Code	Major Description	Fiscal Year				Total		Average	
			2011	2012	2013	2011-13	2011-13	2011-13		

24%
of Manoa Baccalaureate Programs

DEGREE LEVEL - MASTER

MA	EALC	East Asian Lang & Lit-Chinese	1	2		3	1	We expect growth in this area, given the increasing emphasis on Chinese nationwide. If we do not see the expected growth, we will reevaluate the MA as a terminal degree. The Department is in the process of reviewing graduate programs, eliminating tracks, and streamlining requirements.		
MS	FDSC	Food Science	2	1		3	1	We are reviewing the program to identify opportunities for growth. Our enrollment doubled from 2012 to 2013. We are presently drafting a 3+2 exchange agreement with an international university, which should increase our graduate enrollment.		
MS	BENG	Biological Engineering	2	2	1	5	2	The master's program has a small number of faculty (six total). In 2009, the program lost two faculty members in core research areas to retirement and resignation. We were able to recover only one position in 2012. We are now seeing an increase in our MS student count.		
MS	BMDT	Biomed Sci (Tropical Medicine)		2	3	5	2	The size of the Tropical Medicine MS cohort is limited by the number of research assistant positions available in the department, however recent recruitment of several new faculty will result in an increased number of students in future years. Current enrollment in the MS program is 9 students, and 3 new students will be joining in Fall 2014. As in previous years, about 1/4th convert to the PhD program after completing the qualifying exam, reducing the number of the MS degree awardees. For this reason, the program should not be treated as separate from the PhD program.		

Degrees and Certificates Awarded

Undergraduate Programs with Fewer than 10 Average Degrees Awarded

Master's Programs with 5 or Fewer Average Degrees Awarded

Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
MA	HAW	Hawaiian	1	4		5	2	The program began in 2005, and in Spring 2014 enrolled 25 MA candidates and admitted to the Fall 2014 cohort 8 students. While graduates have been few (2008-1, 2010:3, 2012:4)--given the newness of the program--2015 will realize a significant increase in graduates. When the program was reviewed for permanent status in 2013, structural and programmatic revisions were made to better sequence courses, and provide needed mentoring/tutoring and advising to ensure student success.	
MS	TRPP	Tropical Plant Pathology	2	3		5	2	This program is relied on heavily by the Hawaii Department of Agriculture, USDA APHIS, USDA Forest Service, state growers, and large agricultural companies to protect our urban, agricultural, and natural environments from plant diseases. We are implementing a plan to allow MS students to complete their course work in two semesters and summer rather than four semesters and a summer. We plan to increase MS enrollment to reach cohorts of 10 graduates per year. The increase in MS students will also increase PhD enrollment.	
MS	PHYS	Physics	1	2	4	7	2	The majority of incoming graduate students are intended for the PhD track. However, students who pass the Qualifying Exam at the Masters level, but not at the level required for a PhD and have sufficient credits graduate with an MS degree. This is typically in the student's third year. It is reasonable and important to recognize their accomplishment with an MS degree so that they can pursue other career paths, typically in engineering. For this reason, the MS and PhD programs should be considered together.	

UH Mānoa

University of Hawaii
 Degrees and Certificates Awarded
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Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
MA	ARTH	Art History	1	6	1	8	3	While small in number, the MA in Art History is a robust and low cost degree program. MA recipients continue onto prestigious PhD programs and are later employed in the field. Art History area faculty also teach undergraduate courses all with solid enrollment figures. Graduate seminars in art history additionally serve graduates in Asian/Pacific area studies, languages, etc. The number of MAs in Art History is 8 for AY 14/15, representing a 100% increase over AY 13/14. With the addition of a new area of concentration, we project a minimum of 25% increase to result in AY 15/16.	
MS	CMB	Cell & Molecular Biology	1	4	4	9	3	The CMB Graduate program usually accepts 1 MS student/year and we do not have GA/TA to support them. These students are usually planning to apply to medical school. The other reason for our MS numbers is these are individuals who cannot complete a Ph.D. and obtain an MS instead, therefore this should not be treated as separate from the PhD program. When considered together, the average number of graduates is above the threshold.	
MS	ENTO	Entomology		6	2	8	3	Our graduate student intake is driven by the availability of grants held by faculty members. We actively encourage faculty to obtain grants with funding for graduate students. We are also recruiting students who are independently funded (e.g. military/GI Bill funding, foreign students on government stipends). We currently have two prospective hires in entomology, who are expected to generate extramural funding and increase graduate student enrollment. All graduates of our entomology program find employment in appropriate fields of work.	
MS	ANSC	Animal Sciences	4	4	1	9	3	Fall enrollment increased by 11% between 2012 and 2013. Program size was hampered by faculty retirements. One new faculty, who is building an active research program, just joined the program, and we hope to add another. This should help us grow our student numbers.	

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Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
MS	TIM	Travel Industry Management	3	3	3	9	3	The MS was approved on the basis that no additional funding would be provided. From the beginning, program enrollment was expected to be limited to match available resources in terms of faculty and funds. From 2000-06, the average number of graduates per year was 8.7. Tuition increases had a major impact on enrollment, and the average number of graduates per year declined to 5.0 from 2007-12. Through additional marketing, we expect enrollment to begin increasing, and the average number of graduates to increase to prior levels. Equally important measures are net tuition per student and net tuition collected. The MS compares well to other UHM master's programs, which may have substantially higher enrollments, but tuition exemptions result in lower net tuition collected than the TIM program.	
MS	BIOM	Biomedical Sciences	2	5	3	10	3	Clinical research requires approval by the UH Human Studies Program (IRB, responsible for the federally mandated program that ensures UH compliance with government regulations and institutional policies to protect the safety, welfare and rights of human subjects who participate in research), and funded mentors to support the students. Resources are very limited in this area.	
MS	NUTR	Nutritional Sciences	1	2	7	10	3	The number of students graduating is increasing -- seven graduated in 2013.	
MS	CHEM	Chemistry	2	1	8	11	4	Small entering class sizes (e.g., ~10 every Fall) and typical attrition bring average number of graduate degrees (MS and PHD) awarded to less than 8/year. Rates may increase with successful recruitment of faculty (more RA support from funding) and students (larger entering class sizes).	

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Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
MS	GG	Geology & Geophysics	4	4	3	11	4	The 2013 review of the Department of Geology and Geophysics (GG) concluded that GG is one of the "leading earth science departments in the nation" and that its "...intellectual strength is supported by an exceptional complement of laboratory facilities that is surpassed by few other earth science departments." GG argues that numbers alone do not define excellence and that in training students in the management of natural hazards and resources, GG provides a valuable, indeed irreplaceable, service to the state. The BA program is currently based on a less math, chemistry and physics intensive subset of the courses required for the BS degree and is meant to appeal to students wanting general knowledge in the discipline. Since there are no extra GG courses taught nor faculty or staff required to offer the BA, GG suggests the BA and BS be evaluated as a single program. The faculty are working to increase enrollment by changing the name of the department, the type and frequency of entry-level course offerings, and by introducing the new professional degree "MGEO".	
MS	ORE	Ocean & Resources Engineering	2	4	5	11	4	There are currently 21 MS and 12 PhD students in ORE. The most recent (2010) review of the Accreditation Board of Engineering and Technology (ABET) gave ORE its highest level of accreditation. In fact, this was the highest of any of the five engineering programs at UHM. The program is also the only program in the state offering comprehensive training to ocean engineers, a critical resource in our island state. In fact, ORE students satisfy about half of the demand for ocean engineers in Hawaii and companies here want more applicants. Because of this, 100% of ORE students are placed in engineering jobs, mostly related to the ocean. The faculty of ORE are working to increase enrollment in the department by developing undergraduate courses, improving laboratory and field experiences, and recent hiring of new faculty in fields of high demand.	

Degrees and Certificates Awarded

Undergraduate Programs with Fewer than 10 Average Degrees Awarded

Master's Programs with 5 or Fewer Average Degrees Awarded

Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
MA	PACS	Pacific Islands Studies	4	6	1	11	4	The Center for Pacific Islands Studies has developed a plan to improve timely completion of the MA, which includes better faculty supervision of theses and MA portfolios. New faculty hires in Spring 2014 will help facilitate implementation of this plan.	
MS	DRB	Developmental & Reprod Biology	6	4	2	12	4	The PhD in Developmental and Reproductive Biology was formerly the PhD in Biomedical Sciences (Physiology). The name change was approved in the spring of 2009. There are currently 13 MS students and 7 PhD students. On average, we graduate 6-7 MS students per year and 2-3 PhD students per year. While there is no undergraduate program, faculty service undergraduate programs by teaching for approximately 2000 undergraduate students/year in Anatomy & Physiology and Biochemistry undergraduate courses.	
MS	MICR	Microbiology	4	3	5	12	4	For several years, the Department has had only seven faculty members, two of whom left this year. Such a small number of faculty, all of whom teach undergraduates, cannot also consistently graduate over 5 PhDs plus at least that many MS students per year.	
MA	SPAN	Spanish	5	4	4	13	4	Spanish MA students are important to undergraduate instruction. Spanish is cooperating with Second Language Studies on a program by which students can specialize in Spanish applied linguistics at the graduate level. In that context, the College is considering whether the MA program may be reconsidered.	

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 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
MS	MET	Meteorology	5	6	3	14	5	As a result of recommendations received through the 2013 review, the Department proposed that the degrees and department names be changed to Atmospheric Sciences. It is anticipated that the name change will expand the appeal of the undergraduate and graduate programs, and open the door to collaboration with Oceanography faculty in the areas of weather and climate variability. The Department also established an undergraduate advising and recruiting committee to strengthen the program and has purchased large flat screen displays and outfitted a new community room to provide a weekly capstone meeting of faculty and students to review global weather events. In addition, a new articulation agreement with Nanjing University of Information Science and Technology will introduce cohorts of high-level Chinese students, thus significantly increasing the number of students in MET undergraduate and graduate programs.	
MA	EALJ	East Asian Lang & Lit- Japanese	7	5	3	15	5	Japanese MA enrollment remains steady, with constant demand. The Department is in the process of reviewing graduate programs, eliminating tracks, and streamlining requirements. The College is considering whether the graduate programs in Japanese may be restructured; possibly reconsidering the MA as a terminal degree.	

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Degrees and Certificates Awarded

Undergraduate Programs with Fewer than 10 Average Degrees Awarded

Master's Programs with 5 or Fewer Average Degrees Awarded

Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
MA	RELA	Religion (Asian)	3	5	7	15	5	For the next three years, we are projecting to create a newer strong emphasis on China and Japan as soon as we get back our position in Chinese religions. This should appeal to a new cluster of students who, as we know, constitute a significant portion of the local student population and of students coming from abroad. Within three years, we expect an increase in enrollment of at least 10%. We have a new dynamic Assessment Chair, who is also in charge of Public Relations for our department. He is doing considerable work to facilitate outreach and the outcome of his efforts will shortly begin to be visible. In addition, we have organized public events that have increased our visibility in the local community, such as the March 2014 Numata Conference in Buddhist Studies titled "Violence, Nonviolence, and Japanese Religions: Past, Present, and Future." All sessions on March 20 and March 21, 2014 were open to the public and over 150 people attended the events, which also generated significant coverage in the media.	
MS	ASTR	Astronomy	13	2	1	16	5	The majority of incoming Astronomy graduate students are intended for the PhD track. However, students who pass the Qualifying Exam at the Masters level, but not at the level required for a PhD and have sufficient credits graduate with an MS degree. It is reasonable and important to recognize their accomplishment with an MS degree so that they can pursue other career paths. For these reasons, the MS and PhD should be treated as a single program. When the PhD figures are taken into consideration, the number of graduates in Astronomy is above both thresholds.	

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Outcome	Major Code	Major Description	Fiscal Year				Total 2011-13	Average 2011-13	Comments
			2011	2012	2013	2011-13			
MA, MFA	DANC	Dance	5	6	5	16	5	<p>The BFA in Dance Theatre was renamed the BFA in Dance in March 2013 to appropriately reflect the curriculum and to better align with standards in today's dance industry. It is anticipated that the modified degree title will aid in recruitment, and support graduates in applying for work and/or future advanced study.</p> <p>The BA in Dance enables students to work in the dance traditions of Asia and the Pacific as well as the dance traditions of Europe and the United States. We will be mounting a vigorous campaign by reaching out to our local high school students via activating our social media and connections. We project 15-25% increase in graduates in all undergraduate and graduate degree programs.</p> <p>With the New Dance Building, dedicated Spring 2013, the department anticipates an increase in enrollment. The program now plans to apply for national accreditation, which should substantially improve recruitment for both graduate and undergraduate degree offerings.</p>	
MA	PHIL	Philosophy	6	6	4	16	5	<p>The MA program feeds the doctoral program in Philosophy, and in the past has been reasonably large, producing usually 6 or 7 graduates per year. In the past few years, however, given the poor funding available for graduate students in the humanities at UHM, our annual intake of MA students has shrunk--not through design, but because those offered admission are being offered far more competitive financial packages at our rival institutes. Our intake of new MA students last year and this has rebounded somewhat.</p>	
MA	SOC	Sociology	5	6	5	16	5	<p>The MA program has had a much lower enrollment over the past two to four years because we want to assure the quality of the program with good mentoring committees despite the loss of a number of faculty. Over the next three years, we will grow the program so that its average number of MA students is between 7 and 10 students.</p>	

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Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
Master Total			92	108	85	285	95		

35% of Manoa Master Programs

DEGREE LEVEL - DOCTORATE

PHD	NTRI	Nutrition						0	This is a fairly new program that just graduated its first student. Enrollment is being expanded by adding three new GA/TAs and stepping-up recruitment. The program has a new director who is working to establish collaborations with faculty researchers in JABSOM and the Cancer Center to support the graduate students in the program.
PHD	PPAT	Plant Pathology						0	
PHD	EPID	Epidemiology	2		1		3	1	The PhD in Epidemiology was initially a track within the PhD in Biomedical Sciences, but not well subscribed. The separate degree was created in 2009 and moved to Public Health, with first admissions in Fall 2010. Graduates from the revamped program are just starting to graduate, with 2 graduates in May 2014 and 4 more expected to graduate in the 2014-15 academic year. Currently, 14 students are enrolled in the program.
PHD	PLAN	Urban and Regional Planning	1	1	1		3	1	In 2013 of the 26 PhD students enrolled 22 have passed their exams and are in various stages of research, analysis and writing their dissertations. Eight students are planning to graduate over the next year.

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Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
PHD	SWEL	Social Welfare		1	2	3	1	The MBT School of Social Work has recently taken the following actions which should result in increased enrollment and graduation rates for its Ph.D. program: 1) secured a permanent home for the school to add stability to its programs; 2) utilized creative methods to fund each entering doctoral student; 3) increased its faculty resources with two exceptional new hires; 4) worked collaboratively with other doctoral programs on campus, such as Public Health, to develop options for course availability; and 5) expanded collaborations between school faculty as a means of increasing the efficient use of time and resources to support students' degree completion.	
PHD	TPSS	Tropical Plant & Soil Sciences		3	1	4	1	A strategic planning meeting was held in July 2014 to identify/revise the Department's Mission and Vision. The new directions in the Department are expected to increase enrollment.	
PHD	DRB	Developmental & Reprod Biology	2		2	4	1	The PhD in Developmental and Reproductive Biology was formerly the PhD in Biomedical Sciences (Physiology). The name change was approved in the spring of 2009. There are currently 13 MS students and 7 PhD students. On average, we graduate 6-7 MS students per year and 2-3 PhD students per year. While there is no undergraduate program, faculty service undergraduate programs by teaching for approximately 2000 undergraduate students/year in Anatomy & Physiology and Biochemistry undergraduate courses.	

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Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
PHD	MET	Meteorology	1	2	1	4	1	As a result of recommendations received through the 2013 review, the Department proposed that the degrees and department names be changed to Atmospheric Sciences. It is anticipated that the name change will expand the appeal of the undergraduate and graduate programs, and open the door to collaboration with Oceanography faculty in the areas of weather and climate variability. The Department also established an undergraduate advising and recruiting committee to strengthen the program and has purchased large flat screen displays and outfitted a new community room to provide a weekly capstone meeting of faculty and students to review global weather events. In addition, a new articulation agreement with Nanjing University of Information Science and Technology will introduce cohorts of high-level Chinese students, thus significantly increasing the number of students in MET undergraduate and graduate programs.	
PHD	SLS1	Second Language Studies	1		3	4	1	PhD enrollments are trending upward in SLS. Enrollment has doubled over the past ten years. 2012 is an anomalous fluctuation that decreased the average.	
PHD	THEA	Theatre	2	1	1	4	1	Our numbers are actually fairly robust when considering that we only have two GA positions allowed for PhD students. With 3 to 4 years in residence, that means we have at least one paying student for each supported student. Our PhD in Asian Theatre is the premiere program in the country and even globally--most of the current professors of Asian Theatre in other institutions are from our PhD program. Also, currently we have 12 PhD students in our program. With the addition of a Performance Studies track to the PhD in Theatre degree (currently proposed), we also expect more recruitment.	
PHD	TRPP	Tropical Plant Pathology		3	1	4	1	Plans being implemented to grow the MS Program will increase PhD enrollment/graduation as well.	

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Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
PHD	BIOM	Biomedical Sciences	1	2	2	5	2	Clinical research requires approval by the UH Human Studies Program (IRB, responsible for the federally mandated program that ensures UH compliance with government regulations and institutional policies to protect the safety, welfare and rights of human subjects who participate in research), and funded mentors to support the students. Resources are very limited in this area.	
PHD	EALJ	East Asian Lang & Lit- Japanese	1	4		5	2	The PhD in Japanese is central to UH's Asia-Pacific mission. We are monitoring enrollment. The Department is in the process of reviewing graduate programs, eliminating tracks, and streamlining requirements. The program has 11 ABDs, and we are now encouraging completion with a more exigent monitoring program.	
PHD	ENTO	Entomology	3	2		5	2	Our graduate student intake is driven by the availability of grants held by faculty members. We actively encourage faculty to obtain grants with funding for graduate students. We are also recruiting students who are independently funded (e.g. military/GI Bill funding, foreign students on government stipends). We currently have two prospective hires in entomology, who are expected to generate extramural funding and increase graduate student enrollment. All graduates of our entomology program find employment in appropriate fields of work.	

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Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
PHD	ORE	Ocean & Resources Engineering	3	2		5	2	There are currently 21 MS and 12 PhD students in ORE. The most recent (2010) review of the Accreditation Board of Engineering and Technology (ABET) gave ORE its highest level of accreditation. In fact, this was the highest of any of the five engineering programs at UHM. The program is also the only program in the state offering comprehensive training to ocean engineers, a critical resource in our island state. In fact, ORE students satisfy about half of the demand for ocean engineers in Hawaii and companies here want more applicants. Because of this, 100% of ORE students are placed in engineering jobs, mostly related to the ocean. The faculty of ORE are working to increase enrollment in the department by developing undergraduate courses, improving laboratory and field experiences, and recent hiring of new faculty in fields of high demand.	
PHD	SLA	Second Language Acquisition	4		1	5	2	PhD enrollments are trending upward in SLS. Enrollment has doubled over the past ten years. 2012 is an anomalous fluctuation that decreased the average.	
PHD	CSCI	Computer Science	3	2	1	6	2	The PhD in Computer Science was recently approved by the Board of Regents for established status in Spring 2013. The program has always had a stated goal of 2-3 graduates/year and has fairly low cost at an estimated 4% of department resources, but is an essential enabler of ICS' average \$3M/year of external funding.	
PHD	EALK	East Asian Lang & Lit-Korean	3	3		6	2	The PhD in Korean is central to UH's Asia-Pacific mission. We are monitoring enrollment. The Department is in the process of reviewing graduate programs, eliminating tracks, and streamlining requirements. The program has 11 ABDs, and we are now encouraging completion with a more exigent monitoring program.	

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Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
PHD	MATH	Mathematics	3	1	2	6	2	The Department is reviewing and rebuilding the course offerings and the exam structure for the PhD program. The department has also recently lost ~ 8 tenured/tenure track faculty positions. As we hire new faculty and recruit students into a differently organized program, we anticipate an increase in the number of PhD degrees that are conferred annually.	
PHD	MICR	Microbiology	2	1	3	6	2	For several years, the Department has had only seven faculty members, two of whom left this year. Such a small number of faculty, all of whom teach undergraduates, cannot also consistently graduate over 5 PhDs plus at least that many MS students per year.	
PHD	MUS	Music	2	3	1	6	2	The Music PhD uniquely reflects our position in the Pacific (Ethnomusicology, Composition); our world-renowned Ethnomusicology program requires specialized training and fieldwork, which are intensive and time-consuming. All full-time faculty teach both undergraduate and graduate courses, as required by NASM, the Department's external accrediting agency. The music graduate programs therefore do not compete for resources with the undergraduate programs. The Department experienced modest growth with the addition of a specialist in Hawaiian Music (Ethnomusicology) and expects more enrollment in this area as a result.	
PHD	NUR	Nursing (PhD)			6	6	2	The PhD in Chinese is central to UH's Asia-Pacific missions. Our newly established, federally funded Chinese Flagship program will serve as a pipeline into our graduate programs in Chinese, which we expect to grow in consequence. The College is considering allocating additional resources to the Chinese PhD to enhance graduate student support. The Department is in the process of reviewing graduate programs, eliminating tracks, and streamlining requirements.	
PHD	EALC	East Asian Lang & Lit-Chinese	2	4	1	7	2		

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Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
PHD	CE	Civil Engineering	1	4	3	8	3	We offer the only civil engineering program in Hawai'i. We have a strong BS component, graduating an average of 60 students and a healthy MS program graduating an average of about 20 students per year. With enrollments of 20 doctoral students, the PhD program is offered with little marginal cost and allows our faculty members (currently at 16.75 FTE) to engage in advanced research that benefits the State of Hawaii, its workforce, and the rest of our academic program. Eliminating the CEE PhD program will result in negligible savings, if any, but will adversely affect our ability to remain competitive in attracting funding for advanced research, in retaining a high quality faculty, in enhancing the vitality of our BS and MS programs, and in strengthening our increasing reputation and national rankings.	
PHD	CHEM	Chemistry	4	2	2	8	3	Small entering class sizes (e.g., ~10 every Fall) and typical attrition bring average number of graduate degrees (MS and PHD) awarded to less than 8/year. Rates may increase with successful recruitment of faculty (more RA support from funding) and students (larger entering class sizes).	

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Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
PHD	ME	Mechanical Engineering	5	1	2	8	3	Although, the number of PhD students graduated in ME over the past three years was slightly less than 3 per year, it should be noted that our PhD program co-exists with a much larger MS program with 10.7 graduates per year. In addition, The Department has instituted a "Direct PhD" program (allows students to proceed directly to the PhD program without first receiving a master's degree) that will go into effect starting in Fall 2014. Finally, with the help of the Dean (assuming the College's budget permits and we are allowed to hire within UHM), we are increasing the number of TAs from 4 to 8 due to a substantial increase in our enrollment at the BS level necessitating multiple sections of required laboratory courses. The majority of this increase in TA positions will go to the "Direct PhDs." We believe that this will lead to an increase in PhD enrollment in ME, and a resulting increase in the number of the PhD graduates in ME in the future.	
PHD	BMDT	Biomed Sci (Tropical Medicine)	3	5	1	9	3	As stated above for the MS program, the number of PhD students is limited by availability of research assistant positions in the department. Recent recruitment of several new faculty will result in an increased number of students in future years. Current enrollment in the Tropical Medicine PhD program is 11 students; three PhD students are completing their degree in Summer 2014.	

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Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
PHD	EDEP	Educational Psychology	3	3	4	10	3	The Department has almost doubled PhD admissions recently. In 2006-10 an average of 3.5 students were admitted per year, in 2011-14 the average increased to 6.75 students each year, so the number of graduates will be increasing. The program addresses State workforce needs in education, testing and research. Graduates hold leadership roles in the State and the University as well as across the U.S. and internationally as researchers, university faculty and administrators, and test developers and administrators. For example, Russell Uyeno is Interim Vice Chancellor at Honolulu Community College; Joanne Itano is Interim Executive Vice President for Academic Affairs for UHM, and Monica Stitt-Bergh is the Assessment Officer for the Office of the Vice Chancellor at UHM. Other graduates serve as testing specialists, developers and administrators for the State Department of Education.	
PHD	HIST	History	2	5	3	10	3	World history has over the last two decades been one of the Department's strongest fields of doctoral study. This past academic year, the Department filled a gaping vacancy in this critical area, and adopted other measures designed to strengthen and revitalize it. In addition, a committee of graduate faculty members was convened to review the entire graduate program. One of the immediate consequences of this on-going review has been a concerted effort to publicize the Department's overall graduate program in various professional journals and newsletters. Paralleling these initiatives are recent and encouraging developments. The number of PhD degrees awarded in fiscal year 2014 was nine. Three students have already received their doctorates in fiscal year 2015. This upward trend is expected to continue.	

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Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			
PHD	PHYS	Physics	7	2	1	10	3	The number of Physics PhD graduated in a given year fluctuates greatly. For example, in 2011, we graduated 7 PhD but in 2013, we only had one. The average for 2011-2013 is 3.33 per year, which is above the threshold. In 2014, so far, 2 students have passed their PhD defenses and 2 more students are anticipated to finish their PhD by the end of 2014. Nevertheless, the Department has started to implement an annual degree progress audit of all physics graduate students and hope to increase the graduation rate.	
Doctorate Total			61	57	46	164	55		

56% of Manoa Doctorate Programs

Notes:

- Excludes the following outcome types: Academic Subject Certificate (ASC), Certificate of Completion (CC), Certificate of Competence (CO), Graduate Certificate (GCER), Subject Certificate (SC) and Undergraduate Certificate (UCER).
- Excludes recently established programs, i.e. approved by the UH Board of Regents with effective date from Fall 2009 forward.
- Excludes programs now terminated or stopped out for any period of time from Fall 2010 forward.
- The percent of programs is based on the total number of programs with these exclusions.

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UH Hilo

Outcome	Major Code	Major Description	Fiscal Year				Total	Average	Comments
			2011	2012	2013	2011-13			

DEGREE LEVEL - BACCALAUREATE

BA	ENVS	Environmental Studies	7	2	4	13	4	The Geography and Environmental Studies (GES) department produced a total of 16 graduates. While most departments grant just one degree, GES offers three different degrees (2 at the BA and 1 BS) each with its own degree title and distinctive focus. During the past year GES has altered its Environmental Science and Studies tracks to decrease the number of upper division courses that majors must take and is now in line with other STEM sciences. The department believes that this will help students complete their degrees more efficiently. Environmental Studies and Science majors are relatively new and their student numbers are growing so that their combined major count is about 90 at present.
BA	LSTU	Liberal Studies	5	5	3	13	4	The Liberal Studies degree is a custom degree created by a student with a faculty mentor. In recent years, most LS degrees were Women Studies majors. When the newly proposed program in Gender and Women's studies is established, the College of Arts and Sciences will explore terminating the LS degree.

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Outcome	Major Code	Major Description	Fiscal Year			Total 2011-13	Average 2011-13	Comments
			2011	2012	2013			
BA	PHYS	Physics	6	6	2	14	5	The Physics Department serves STEM majors. Additionally students graduating with a double major in Astronomy and Physics receive the training needed for admission to top ranked graduate schools. Working together, the Astronomy and Physics faculty have decided to emphasize and improve the freshman and sophomore physics courses with recitation sessions build into the course schedule to better prepare students in both majors. The physics program is being redesigned to better match the preparation of students in mathematics as they move through the program. New equipment was recently acquired to modernize the freshmen physics labs.

UH Hilo

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year				Average 2011-13	Comments
			2011	2012	2013	Total 2011-13		
BS	ASTR	Astronomy	8	6	2	16	5	The Astronomy program averages about 40 majors, most are in their freshman and sophomore years. Reasons why students leave the Astronomy major include transferring to other STEM programs, most notably Computer Science, or transferring to non-STEM programs when they place in a lower Math class. The Astronomy program recruits majors by engaging in outreach activities across the island of Hawai'i, especially in Hilo. The department plans to offer a summer school in Astronomy in Summer 2015 aimed at attracting more local and mainland transfer students. The Department is redesigning the Astronomy program to improve the sequence of courses. Additionally many astronomy courses will add a laboratory component using the recently purchased small portable telescopes. The Department with the support of Chancellor Straney is committed to rebuilding the UHH Observatory on Mauna Kea to provide the necessary training so that graduates can secure jobs on Mauna Kea. The faculty expects the retention in astronomy majors to increase with the implementation of these changes and development of new astronomy projects on Mauna Kea.

Outcome	Major Code	Major Description	Fiscal Year				Total 2011-13	Average 2011-13	Comments
			2011	2012	2013	2011-13			
BA	NSCI	Natural Science	7	7	4	18	6	This interdisciplinary degree with no dedicated faculty was originally designed for K-12 Education. The program's curriculum consists of courses that are already offered by other programs so it does not involve any courses offered specifically for the Natural Science major. This summer (2014), the Natural Science faculty met with the Chair and advisor for the School of Education, to update the major so that it meets the new education standards. The program changes will be submitted to Curriculum Central Fall 2014. Future recruitment of students in local high schools who are interested in elementary/middle school and teaching science in High School will emphasize that the Natural Science major is the appropriate major for science teachers. This should increase the number of students and graduates in the Natural Science major.	
BA	PHIL	Philosophy	8	7	5	20	7	In 2011-2012 the Philosophy Department lost three of its four tenure-track faculty members in just over a year and saw its major count decline from a six-year average of 35 to 20. With the addition of two new tenure-track faculty to replace the three who left, the department now has around 40 majors and currently has 13 majors scheduled to graduate this spring and 15 scheduled to graduate in 2015-2016. Ongoing efforts to increase the number of graduating majors include a revamped curriculum that features more applied philosophy and flexibility, a vibrant philosophy club, greater integration of the curriculum with other programs, and advising geared toward each major's career plans.	

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year				Total 2011-13	Average 2011-13	Comments
			2011	2012	2013	2011-13			
BA	MATH	Mathematics	7	8	8	23	8	Mathematics is also one of the heaviest service departments for STEM and other majors in the university. Students who are strong in mathematics are typically directed toward STEM majors in college, but often mathematics itself is not a popular option as the degree is difficult and career options are not as obvious as in other majors. The math department is increasing its efforts to identify strong freshman and sophomore students in their classes who have the potential to major (or have a second degree) in mathematics. Moreover, the department is developing literature to hand out to potential students showcasing the advantages and job possibilities of having a degree in mathematics. We believe that once students recognize that there are excellent career opportunities with a Math degree, more students will enter and graduate from the program	
BA	CHEM	Chemistry	8	9	7	24	8	Chemistry is one of the heaviest service departments for STEM and other majors in the university. The Chemistry Department is also the home of the Pre-Pharmacy students at UHH. Students in this program normally apply to Pharmacy schools in their junior or senior year, and if they are accepted, leave the Chemistry Department. Those that remain have increasingly chosen to pursue the Health Science track with Chemistry and, as such, the Chemistry Department is reallocating its faculty resources to focus on its Health Science track. We expect the number of graduates in the Health Sciences track of Chemistry to increase steadily over time. Chemistry is also a service department for STEM majors.	

Outcome	Major Code	Major Description	Fiscal Year				Total 2011-13	Average 2011-13	Comments
			2011	2012	2013	2011-13			
BS	CSCI	Computer Science	9	9	8	26	9	The Computer Science department at UH Hilo serves both majors and non-majors throughout the university. While the computer science major is quite rigorous, our students have consistently demonstrated the ability to compete on a world stage, and our graduates tend to be gainfully employed. In terms of increasing the number of graduates and lowering the time necessary to graduate, the department has begun offering all required lower division courses each term and all required upper division courses on a yearly basis. The department is also working to increase recruiting efforts at local high schools through the assistance of David Lovell, the S-STEM scholarship program and North Hawaii Education and Research Centre (NHERC). The department is also making curriculum changes that will make the path to graduation easier without decreasing the rigor and quality of its graduates.	
BS	ENSC	Environmental Science	7	10	10	27	9	The Geography and Environmental Studies (GES) department produced a total of 16 graduates. While most departments grant just one degree, GES offers three different degrees (2 at the BA and 1 BS) each with its own degree title and distinctive focus. During the past year GES has altered its Environmental Science and Studies tracks to decrease the number of upper division courses that majors must take and is now in line with other STEM sciences. The department believes that this will help students complete their degrees more efficiently. Environmental Studies and Science majors are relatively new and their student numbers are growing so that their combined major count is about 90 at present.	

UH Hilo

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year			Average	Comments	
			2011	2012	2013			2011-13
BA, BS	GEOL	Geology	6	7	14	27	9	The Geology Department at UH Hilo graduates essentially the same number of undergraduates as the much larger department at UH Manoa. It is also uses a 2 year cycle of courses making it one of the most efficiently run departments at UH Hilo. The department is currently working on ways to increase enrollment in its lower division courses like Understanding the Earth and Volcanoes and Earthquakes.
BA	JPST	Japanese Studies	3	12	12	27	9	These fluctuations in numbers are of concern to the faculty who have begun to think about reconfiguring the curriculum (including the number of credits and required courses). We generally have very good numbers in the first-year language classes (we currently have 83 people enrolled in 101). The faculties are currently discussing why second-year and third-year student enrollment is low. There are plans to discuss with current majors how to improve the program and to make it more attractive to undeclared undergraduates.
Baccalaureate Total			81	88	79	248	83	

36% of Hilo Baccalaureate Programs

DEGREE LEVEL - MASTER

MA	ILCE	Indigenous Lang & Culture Educ	4	4	4	1
MA	HAWL	Hawaiian Language & Literature	6	6	6	2
Master Total			-	4	6	3

40% of Hilo Master Programs

DEGREE LEVEL - DOCTORATE

PHD	HILC	Hawn&Indigenous Lang&Cult Rev	1	1	1	3	1
Doctorate Total			1	1	1	3	1

100% of Hilo Doctorate Programs

University of Hawaii

UH Hilo

Degrees and Certificates Awarded

Undergraduate Programs with Fewer than 10 Average Degrees Awarded

Master's Programs with 5 or Fewer Average Degrees Awarded

Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year			Average	Comments
			2011	2012	2013		

Notes:

- Excludes the following outcome types: Academic Subject Certificate (ASC), Certificate of Completion (CC), Certificate of Competence (CO), Graduate Certificate (GCER), Subject Certificate (SC) and Undergraduate Certificate (UCER).
- Excludes recently established programs, i.e. approved by the UH Board of Regents with effective date from Fall 2009 forward.
- Excludes programs now terminated or stopped out for any period of time from Fall 2010 forward.
- The percent of programs is based on the total number of programs with these exclusions.

Hawai'i CC

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Comments

Outcome	Major Code	Major Description	Fiscal Year				Total	Average
			2011	2012	2013	2011-13		

DEGREE LEVEL - CERTIFICATE								
CA	MKT	Marketing						0
CA	TEAM	Trop Forest Ecosys & Agrof Mgt						0
CA	ACC	Accounting			1		1	0
CA	HOST	Hospitality and Tourism				1	1	0
CA	ECED	Early Childhood Education	1	1			2	1
CA	AG	Agriculture	1	1	1		3	1
CA	IT	Information Technology		2	1		3	1
CA	FS	Fire Science	1	2	2		5	2
CA	BTEC	Business Technology	3	2	2		7	2
CA	DISL	Diesel Mechanics	3	5	1		9	3
CA	CARP	Carpentry Technology	2		8		10	3
CA	MWIM	Mach, Welding & Ind Mech Tech	3	4	9		16	5
CA	ABRP	Auto Body Repair & Painting	9	6	3		18	6
CA	EIMT	Electrical Install/Maint Tech	1	2	16		19	6
CA	AMT	Automotive Mechanics Tech	14		8		22	7
CA	PRCN	Practical Nursing	9	10	8		27	9
Certificate Total			47	36	60		143	48

94% of Hawaii Certificate Programs

DEGREE LEVEL - ASSOCIATE								
AAS	AG	Agriculture	3	2	4		9	3
AAS	HOST	Hospitality and Tourism	4	4	5		13	4
AS	IT	Information Technology	4	1	8		13	4

Number of majors has increased from 50 to 32 over same period.
 Program capacity is 10 per cohort class. Numbers on ARPD show a high rate of completion compared to capacity number.

Number of majors has increased from 36 to 55 over same period.
 Number of majors has increased from 33 to 43 over same time period.

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year					Average 2011-13	Comments
			2011	2012	2013	Total 2011-13			
AAS	DISL	Diesel Mechanics	3	7	4	14	5	Number of majors has increased from 25 to 38 over same period. Students drop out primarily due to personal or financial reasons. Note: program was stopped out AY13-14 to make curriculum changes.	
AAS	MKT	Marketing	5	8	4	17	6	Number of majors remains steady at 31 average. Increase not expected.	
AS	FS	Fire Science	3	9	6	18	6	The program is developing with an adequate number of majors and support of various federal and state agencies, and the local fire department. The program offers a certificate for those interested in a career path prior to completion of the AS Degree. The program has established an articulation agreement with Colorado State to enter their Bachelor's Degree Program. In efforts to increase program effectiveness, program modifications were completed to add medical terminology and an internship course with the Hawaii County Fire Department	
AS	TEAM	Trop Forest Ecosys & Agrof Mgt	8	7	3	18	6	TEAM is "One of a kind" within the system. It is considered a STEM field and is partly supported by USDA funding. The number of majors increased in 2011 from 47 to 61 then declined to 35. The program requires placement in Math 120 which becomes an obstacle for many of the students.	
AAS	ABRP	Auto Body Repair & Painting	5	8	7	20	7	This program was faced with an ongoing faculty issue who has retired Dec. 2013 and in 2012 the second faculty became ill and passed away. We have two new instructors. Together they are working with industry folks, relooking at curriculum and building the program.	
AAS	ACC	Accounting	8	6	11	25	8	Half of majors attend part-time. Research shows these students have significantly lower completion rate than full time students.	
AAS	AEC	Architectural Eng & CAD Tech	6	10	9	25	8		

Hawai'i CC

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year			Total	Average	Comments
			2011	2012	2013			
Associate Total			49	62	61	172	57	

48% of Hawaii Associate Programs

Notes:

Excludes the following outcome types: Academic Subject Certificate (ASC), Certificate of Completion (CC), Certificate of Competence (CO), Graduate Certificate (GCER), Subject Certificate (SC) and Undergraduate Certificate (UCER).
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 Excludes programs now terminated or stopped out for any period of time from Fall 2010 forward.
 The percent of programs is based on the total number of programs with these exclusions.

Honolulu CC

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Comments

Outcome	Major Code	Major Description	Fiscal Year				Total 2011-13	Average 2011-13
			2011	2012	2013	2011-13		

DEGREE LEVEL - CERTIFICATE

Outcome	Major Code	Major Description	2011	2012	2013	Total 2011-13	Average 2011-13	Comments
CA	ECED	Early Childhood Education					0	Students in this program track into the associate's degree and into employment opportunities. There are also high numbers of students transferring to 4-year colleges. The low numbers in certificate earners does not necessarily reflect the health of the program.
CA	AERO	Aeronautics Maint Tech		1		1	0	Students taking classes in this program are regularly hired after a few classes due to demand in the field. The FAA allows students to sit for their certificate after the 4th semester. While this is good for the students – they go directly into the workforce with the training they receive, it does not fit well into a traditional academic degree/certificate model. The FAA also heavily stipulates curriculum sequences. The college will be exploring different ways we can move forward with this program to address completion.
CA	FT	Fashion Technology	1			1	0	This program is slowly increasing the number of graduates in AAS. The program continues to be very well respected and the college will be exploring different ways we can move forward with this program to address completion

Honolulu CC

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year				Total 2011-13	Average 2011-13	Comments
			2011	2012	2013	2011-13			
CA	DISL	Diesel Mechanics			2	2	1	This program is slowly increasing the number of graduates in AAS. The program continues to be very well respected and the college will be exploring different ways we can move forward with this program to address completion Program changes were made a few years ago and this program is starting to see an increase in awarding its degree and certificate options. This coming Fall 2014, there are 45 students enrolled in the program. Students regularly find work before they are able to complete. The college feels that it will continue to see completion numbers increase.	
CA	FIRE	Fire & Envir Emergency Resp	1	3	1	5	2	The program made changes this past year and the college hopes to continue to explore different ways to move forward with this program to address completion.	
CA	HSER	Human Services	1	1	3	5	2	Students in this program often transfer before completing the certificate or degree option. The college will be exploring different ways we can move forward with this program to address completion.	
CA	OESM	Occupational Envir Safety Mgt			5	5	2	Students in this program often track into the associate's degree which is required for entry level work. The college will be exploring different ways we can move forward with this program to address completion.	
CA	CARP	Carpentry Technology	8	1	1	10	3	Students taking classes in this program are regularly hired after a few classes due to demand in the field. While this is good for the students – they go directly into the workforce with the training they receive, it does not fit well into a traditional academic degree/certificate model. The college will be exploring different ways we can move forward with this program to address completion.	

Honolulu CC

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year				Total 2011-13	Average 2011-13	Comments
			2011	2012	2013	2011-13			
CA	RAC	Refrigeration & Air Cond Tech	2	3	7	12	4	Students in this program often track into the associate's degree which is required for entry level work. The college will be exploring different ways we can move forward with this program to address completion.	
CA	AEC	Architectural Eng & CAD Tech	1	2	11	14	5	This program is seeing an increase in completion for its associate's degree program.	
CA	EIMT	Electrical Install/Maint Tech	1	15		16	5	Students in this program often track into the associate's degree which is required for entry level work. The college will be exploring different ways we can move forward with this program to address completion.	
CA	WELD	Welding Technology	5	13	4	22	7	Students in this program often track into the associate's degree which is required for entry level work. The college will be exploring different ways we can move forward with this program to address completion.	
CA	SMP	Sheet Metal & Plastics Tech	8	4	11	23	8	Currently the industry does not require either the certificate or degree for work. Students are often picked up after the first year to work. The college will be working with the union and others to explore different ways we can move forward with this program to address completion.	
CA	ABRP	Auto Body Repair & Painting	4	6	15	25	8	The college will be working with program faculty over AY 14-15 with the hopes to revamp the program and address completion.	
CA	COSM	Cosmetology	6	2	20	28	9	Students in this program track into the associate's degree. The CA numbers are also increasing due to curriculum changes.	
Certificate Total			38	51	80	169	56		

100% of Honolulu Certificate Programs

Honolulu CC

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Comments

Outcome	Major Code	Major Description	Fiscal Year					Total	Average
			2011	2012	2013	2011-13	2011-13		

DEGREE LEVEL - ASSOCIATE

Outcome	Major Code	Major Description	2011	2012	2013	2011-13	Total	Average	Comments
AAS	IED	Industrial Education						0	This program has received approval to be terminated as of July 2014.
AAS	SMP	Sheet Metal & Plastics Tech						0	Currently the industry does not require either the certificate or degree for work. Students are often picked up after the first year to work. The college will be working with the union and others to explore different ways we can more forward with this program to address completion.
AS	AVIT	Commercial Aviation		1			1	0	This program is slated to be terminated in Spring 2016 and has begun a two-year close-out plan.
AAS	VESL	Small Vessel Fabricatn & Repair	3	1	1		5	2	The college will be working to identify opportunities with PVS and UH Manoa in relation to facility and program partnerships with a focus on addressing program changes.
AAS	DISL	Diesel Mechanics	4	1	2		7	2	Program changes were made a few years ago and this program is starting to see an increase in awarding its degree and certificate options. This coming Fall 2014, there are 45 students enrolled in the program. Students regularly find work before they are able to complete. The college feels that it will continue to see completion numbers increase.

Honolulu CC

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year				Total 2011-13	Average 2011-13	Comments
			2011	2012	2013	2011-13			
AS	AERO	Aeronautics Maint Tech	1	2	6	9	3	Students taking classes in this program are regularly hired after a few classes due to demand in the field. The FAA allows students to sit for their certificate after the 4th semester. While this is good for the students – they go directly into the workforce with the training they receive, it does not fit well into a traditional academic degree/certificate model. The FAA also heavily stipulates curriculum sequences. The college will be exploring different ways we can move forward with this program to address completion.	
AAS	ABRP	Auto Body Repair & Painting	1	5	6	12	4	The college will be working with program faculty over AY 14-15 with the hopes to revamp the program and address completion.	
AS	MELE	Music & Entertain Learning Exp	2	9	9	20	7	This program in entering into new partnerships with UHWO which intends to build a better pipeline for students into degree options. The college will be exploring different ways we can move forward with this program to address completion.	
AAS	HSER	Human Services	9	4	9	22	7	Students in this program often transfer before completing the certificate or degree option. The college will be exploring different ways we can move forward with this program to address completion.	
AAS	FT	Fashion Technology	6	9	10	25	8	This program is slowly increasing the number of graduates in AAS. The program continues to be very well respected and the college will be exploring different ways we can move forward with this program to address completion.	
Associate Total			26	32	43	101	34		

40% of Honolulu Associate Programs

Honolulu CC

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Comments

Outcome	Major Code	Major Description	Fiscal Year			Total	Average
			2011	2012	2013		
DEGREE LEVEL - ADVANCED PROF CERTIFICATE							
APC	CENT	Comp Electronics&Network Tech	3	1	1	4	1
Advanced Prof Certificate Total			3	1	1	4	1

100% of Honolulu APC Programs

Notes:

- Excludes the following outcome types: Academic Subject Certificate (ASC), Certificate of Completion (CC), Certificate of Competence (CO), Graduate Certificate (GCER), Subject Certificate (SC) and Undergraduate Certificate (UCER).
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- Excludes programs now terminated or stopped out for any period of time from Fall 2010 forward.
- The percent of programs is based on the total number of programs with these exclusions.

Kapi'olani CC

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Comments

Outcome	Major Code	Major Description	Fiscal Year				Total	Average
			2011	2012	2013	2011-13		

DEGREE LEVEL - CERTIFICATE

Outcome	Major Code	Major Description	2011	2012	2013	Total	Average	Comments
CA	MKT	Marketing	3		1	4	1	The Certificates of Achievement in Marketing and in Retail Management consist of subsets of courses within the Associate in Science in Marketing. The College has recognized that this program has been underperforming and has assigned the program coordinator to review current industry needs and revise the curriculum based on these needs. The updated curriculum will be completed by the end of Spring 2015. In the most recent Annual Report of Program Data (2013), the cost of this program was \$102 per student semester hour (SSH), compared with \$79 and \$52 per SSH in the previous two years.
CA	RETM	Retail Management		5	8	13	4	
CA	BIOT	Biotechnician						The Certificate of Achievement—Biotechnician consists of 34-37 credits, all of which are courses that are required for or are electives that meet degree requirements in other established programs. No additional costs are incurred as a result of offering this certificate. Primarily designed to provide students in the Medical Lab Technician program with enhanced skills, the courses in the biotechnician program will now be integrated into the Associate in Science in Natural Science as a concentration for research laboratory technicians. The faculty will be submitting the curriculum documents for review in Fall 2014.
CA	ESS	Exercise and Sport Science		10	2	12	4	The Certificate of Achievement in Exercise And Sport Science and the related associate degree have been stopped out, pending revision of the curriculum. The 12 majors reported here in 2012 and 2013 are students who were in progress in their major at the time of the stop-out and needed to be supported to completion.
Certificate Total			8	9	17	34	11	

Kapi'olani CC

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Comments

Outcome	Major Code	Major Description	Fiscal Year				Total	Average
			2011	2012	2013	2011-13		

27% of Kapiolani Certificate Programs

DEGREE LEVEL - ASSOCIATE

ATS	ATS1	New Media Arts			1	1	0	The Associate in Technical Studies in New Media Arts was an option provided to students many years ago, before the establishment of the Associate in Science in New Media Arts. ATS degrees were designed by individual students in consultation with faculty, where existing courses from different established programs were combined to create an individualized, interdisciplinary program of study. There are no other ATS students.
AS	MICT	Mobile Intensive Care Technician	6	2	7	15	5	The Associate in Science—Mobile Intensive Care Technician consists of 77-80 credits, made up of General Education (17-20 credits), support (16 credits) and major (MICT, 44 credits) courses. All the General Education and support courses are required for or are electives that meet degree requirements in other established programs. The 44 credits of MICT courses make up the Certificate of Achievement for Mobile Intensive Care Technicians. In the most recent year for which data are available (2012-2013), 21 students graduated with a CA MICT, the credential that meets the requirements for paramedics employed by both Honolulu City and County and AMR. No additional costs are incurred as a result of offering this associate degree. In addition, the MICT program recently underwent an accreditation self-study and visit with recommendations. The visiting team's recommendations are being addressed, which may have a curricular impact on the MICT program.

Kapi'olani CC

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year				Average 2011-13	Comments
			2011	2012	2013	Total 2011-13		
AS	MKT	Marketing	8	6	7	21	7	The Certificates of Achievement in Marketing and in Retail Management consist of subsets of courses within the Associate in Science in Marketing. The College has recognized that this program has been underperforming and has assigned the program coordinator to review current industry needs and revise the curriculum based on these needs. The updated curriculum will be completed by the end of Spring 2015. In the most recent Annual Report of Program Data (2013), the cost of this program was \$102 per student semester hour (SSH), compared with \$79 and \$52 per SSH in the previous two years.
Associate Total			14	8	15	37	12	

17% of Kapiolani Associate Programs

Notes:

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University of Hawaii
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 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Comments

Outcome	Major Code	Major Description	Fiscal Year				Total 2011-13	Average 2011-13
			2011	2012	2013	2011-13		

DEGREE LEVEL - CERTIFICATE

CA	CARP	Carpentry Technology							New faculty hired for program January 2014. Efforts being made to recruit new students.
CA	ET	Electronics Technology							New faculty hired for program January 2014. Efforts being made to recruit new students.
CA	ECED	Early Childhood Education		3		3		1	Program is going through major revisions. We closed down the campus lab preschool May 2013 to renovate and work on re-establishing accreditation. We also are recruiting new staff in hope of re-jumpstarting the program this fall.
CA	HOPE	Hotel Operations	1		2	3		1	We need to address the low graduation rates in this program.
CA	ABRP	Auto Body Repair & Painting	3		1	4		1	Students not completing due to college-level math and English general education requirements. Program being revised to remove those requirements.
CA	BTEC	Business Technology	6	4	6	16		5	Students tend to complete AAS skipping the CA. No additional instructional costs to keep CA option on books.
CA	ACC	Accounting	6	8	6	20		7	Students tend to complete AAS skipping the CA. No additional instructional costs to keep CA option on books.
CA	AMT	Automotive Mechanics Tech	7	10	6	23		8	Students not completing due to college-level math and English general education requirements. Program being revised to remove those requirements.
Certificate Total			23	22	24	69		23	

80% of Kauai Certificate Programs

DEGREE LEVEL - ASSOCIATE

AAS	CARP	Carpentry Technology							New faculty hired for program January 2014. Efforts being made to recruit new students.
AAS	ABRP	Auto Body Repair & Painting	2		1	3		1	Students not completing due to college-level math and English general education requirements. Program being revised to remove those requirements.

Kaua'i CC

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year				Total 2011-13	Average 2011-13	Comments
			2011	2012	2013	2013			
AS	ECED	Early Childhood Education	4		4	8	3	Program is going through major revisions. We closed down the campus lab preschool May 2013 to renovate and work on re-establishing accreditation. We also are recruiting new staff in hope of re-jumpstarting the program this fall.	
AAS	AMT	Automotive Mechanics Tech	6	3	4	13	4	Students not completing due to college-level math and English general education requirements. Program being revised to remove those requirements	
AS	ET	Electronics Technology	8	5	4	17	6	100% turnover in faculty is recent years, program revamped and currently recruiting new students.	
AAS	HOST	Hospitality and Tourism	4	4	11	19	6	We need to address the low graduation rates in this program.	
Associate Total			24	12	24	60	20		

55% of Kauai Associate Programs

Notes:

- Excludes the following outcome types: Academic Subject Certificate (ASC), Certificate of Completion (CC), Certificate of Competence (CO), Graduate Certificate (GCER), Subject Certificate (SC) and Undergraduate Certificate (UCER).
- Excludes recently established programs, i.e. approved by the UH Board of Regents with effective date from Fall 2009 forward.
- Excludes programs now terminated or stopped out for any period of time from Fall 2010 forward.
- The percent of programs is based on the total number of programs with these exclusions.

UH Maui College

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Comments

Outcome	Major Code	Major Description	Fiscal Year				Total	Average
			2011	2012	2013	2011-13		

DEGREE LEVEL - CERTIFICATE

CA	ABRP	Auto Body Repair & Painting	1			1	0	Developmental Math a challenge for students. Possibility of combining with Automotive program.
CA	AG	Agriculture		2	1	3	1	Incumbent agriculture workers looking for technical skill upgrade
CA	FT	Fashion Technology	2	1	4	1	1	Limited teaching stations
CA	SUSC	Sustainable Construction Tech		4	4	1	1	Students prefer continuing toward AAS. Recent program leadership changes. Students encouraged to file for both.
CA	BUSC	Business Careers	4	5	14	5	5	Students prefer continuing toward AAS. Students encouraged to file for both.
CA	HOST	Hospitality and Tourism	9	2	17	6	6	Program revised, future growth expected. Increase enrollment also evident.
CA	AMT	Automotive Mechanics Tech	3	9	19	6	6	Developmental Math a challenge for students. Possibility of combining with ABRP.
CA	AJ	Administration of Justice	9	9	27	9	9	Recent partnership with TSA is leading to increase enrollment
CA	ECET	Electronics & Comp Engin Tech	9	7	27	9	9	Students prefer continuing toward AS. Students encouraged to file for both.
Certificate Total			37	39	40	116	39	

64% of Maui Certificate Programs

DEGREE LEVEL - ASSOCIATE

AAS	ABRP	Auto Body Repair & Painting	1	2	1	4	1	Developmental Math a challenge for students. Possibility of combining with Automotive program.
AAS	FT	Fashion Technology	2	5	4	11	4	Limited teaching stations
AAS	AG	Agriculture	2	7	7	16	5	Incumbent agriculture workers looking for technical skill upgrade
AAS	AMT	Automotive Mechanics Tech	3	9	4	16	5	Developmental Math a challenge for students. Possibility of combining with ABRP.
AAS	HOST	Hospitality and Tourism	5	8	4	17	6	Program revised, future growth expected. Increase enrollment also evident.

UH Maui College

University of Hawaii
 Degrees and Certificates Awarded
 Undergraduate Programs with Fewer than 10 Average Degrees Awarded
 Master's Programs with 5 or Fewer Average Degrees Awarded
 Doctorate Programs with 3 or Fewer Average Degrees Awarded

Outcome	Major Code	Major Description	Fiscal Year				Total 2011-13	Average 2011-13	Comments
			2011	2012	2013	2011-13			
AS	DH	Dental Hygiene	9		10	19	6	Max 10 students every other year due to cost and market demand	
AAS	SUSC	Sustainable Construction Tech	3	6	12	21	7	Students prefer continuing toward AAS. Recent program leadership changes. Students encouraged to file for both.	
AS	HSER	Human Services	8	8	7	23	8	Students prefer certificate over AS Students encouraged to continue towards AS and file for both.	
AAS	AJ	Administration of Justice	10	9	7	26	9	Recent partnership with TSA is leading to increase enrollment	
Associate Total			43	54	56	153	51		

56% of Maui Associate Programs

DEGREE LEVEL - BACCALAUREATE

BAS	ABIT	Applied Business & Infor Tech	3	4	5	12	4
Baccalaureate Total			3	4	5	12	4

100% of Maui Baccalaureate Programs

Notes:

Excludes the following outcome types: Academic Subject Certificate (ASC), Certificate of Completion (CC), Certificate of Competence (CO), Graduate Certificate (GCER), Subject Certificate (SC) and Undergraduate Certificate (UCER).

Excludes recently established programs, i.e. approved by the UH Board of Regents with effective date from Fall 2009 forward.

Excludes programs now terminated or stopped out for any period of time from Fall 2010 forward.

The percent of programs is based on the total number of programs with these exclusions.

ATTACHMENT 1

EDUCATIONAL OBJECTIVES

IN ALPHA ORDER		IN PROGRAM LEVEL ORDER	
AA	ASSOCIATE IN ARTS	APC	ADVANCED PROFESSIONAL CERTIFICATE
AAS	ASSOCIATE IN APPLIED SCIENCE	CA	CERTIFICATE OF ACHIEVEMENT
APC	ADVANCED PROFESSIONAL CERTIFICATE	CC	CERTIFICATE OF COMPLETION
AS	ASSOCIATE IN SCIENCE	SC	SUBJECT CERTIFICATE
ATS	ASSOCIATE IN TECHNICAL STUDIES	UCERT	UNDERGRADUATE CERTIFICATE
BA	BACHELOR OF ARTS		
BAS	BACHELOR OF APPLIED SCIENCE	AA	ASSOCIATE IN ARTS
BBA	BACHELOR OF BUSINESS ADMINISTRATION	AAS	ASSOCIATE IN APPLIED SCIENCE
BED	BACHELOR OF EDUCATION	AS	ASSOCIATE IN SCIENCE
BFA	BACHELOR OF FINE ARTS	ATS	ASSOCIATE IN TECHNICAL STUDIES
BMUS	BACHELOR OF MUSIC		
BS	BACHELOR OF SCIENCE	BAS	BACHELOR OF APPLIED SCIENCE
BSW	BACHELOR OF SOCIAL WORK	BA	BACHELOR OF ARTS
CA	CERTIFICATE OF ACHIEVEMENT	BBA	BACHELOR OF BUSINESS ADMINISTRATION
CC	CERTIFICATE OF COMPLETION	BED	BACHELOR OF EDUCATION
DARCH	DOCTOR OF ARCHITECTURE	BFA	BACHELOR OF FINE ARTS
DNP	DOCTOR OF NURSING PRACTICE	BMUS	BACHELOR OF MUSIC
DRPH	DOCTOR OF PUBLIC HEALTH	BS	BACHELOR OF SCIENCE
EDD	DOCTOR OF EDUCATION		
GCERT	GRADUATE CERTIFICATE	BSW	BACHELOR OF SOCIAL WORK
JD	JURIS DOCTOR		
LLM	MASTER OF LAWS	GCERT	GRADUATE CERTIFICATE
MA	MASTER OF ARTS	PB	POST BACCALAUREATE CERTIFICATE
MACC	MASTER OF ACCOUNTING	PDE	PROFESSIONAL DIPLOMA IN EDUCATION
MBA	MASTER OF BUSINESS ADMINISTRATION		
MD	DOCTOR OF MEDICINE	LLM	MASTER OF LAWS
MED	MASTER OF EDUCATION	MA	MASTER OF ARTS
MEDT	MASTER OF EDUCATION IN TEACHING	MACC	MASTER OF ACCOUNTING
MFA	MASTER OF FINE ARTS	MBA	MASTER OF BUSINESS ADMINISTRATION
MHRM	MASTER OF HUMAN RESOURCE MANAGEMENT	MED	MASTER OF EDUCATION
MLISC	MASTER OF LIBRARY AND INFORMATION SCIENCE	MEDT	MASTER OF EDUCATION IN TEACHING
MMUS	MASTER OF MUSIC	MFA	MASTER OF FINE ARTS
MPA	MASTER OF PUBLIC ADMINISTRATION	MHRM	MASTER OF HUMAN RESOURCE MANAGEMENT
MPH	MASTER OF PUBLIC HEALTH	MLISC	MASTER OF LIBRARY AND INFORMATION SCIENCE
MS	MASTER OF SCIENCE	MMUS	MASTER OF MUSIC
MSW	MASTER OF SOCIAL WORK	MPA	MASTER OF PUBLIC ADMINISTRATION
MURP	MASTER OF URBAN AND REGIONAL PLANNING	MPH	MASTER OF PUBLIC HEALTH
PB	POST BACCALAUREATE CERTIFICATE	MS	MASTER OF SCIENCE
PDE	PROFESSIONAL DIPLOMA IN EDUCATION	MSW	MASTER OF SOCIAL WORK
PHARMD	DOCTOR OF PHARMACY	MURP	MASTER OF URBAN AND REGIONAL PLANNING
PHD	DOCTOR OF PHILOSOPHY		
SC	SUBJECT CERTIFICATE	DNP	DOCTOR OF NURSING PRACTICE
UCERT	UNDERGRADUATE CERTIFICATE	DRPH	DOCTOR OF PUBLIC HEALTH
		DARCH	DOCTOR OF ARCHITECTURE
		EDD	DOCTOR OF EDUCATION
		JD	JURIS DOCTOR
		MD	DOCTOR OF MEDICINE
		PHARMD	DOCTOR OF PHARMACY
		PHD	DOCTOR OF PHILOSOPHY