

New Program Code **Modify Program Code**

Date: 11/6/2019

REQUESTOR CONTACT INFORMATION

Name Debie Amby Campus Maui College, UH
 Title Banner/Curriculum Specialist Email debie@hawaii.edu
 Office/Dept VC of Academic Affairs Phone 808-984-3378

NEW PROGRAM CODE TO CREATE

Institution MAU - Univ of Hawaii Maui College Campus MAU - Univ of Hawaii Maui College
 Level UG - Undergraduate Effective Term Fall 2019

	Code (Max. Characters)	Description	Check if requesting new code:
College	(2) <u>IN</u>	<u>Instructional</u>	<input type="checkbox"/> See Banner form STVCOLL
Department	(4) <u>BSH</u>	<u>Business & Hospitality</u>	<input type="checkbox"/> See Banner form STVDEPT
Degree/Certificate	(6) <u>CO</u>	<u>Certificate of Competence</u>	<input type="checkbox"/> See Banner form STVDEGC
Major	(4) <u>ABIT</u>	<u>Applied Bus & Info Technology</u>	<input type="checkbox"/> See Banner form STVMAJR
Concentration	(4) DSML <u>DSCI</u>	<u>Data Science & Machine Learning</u>	<input checked="" type="checkbox"/> See Banner form STVMAJR
Minor	(4) _____	_____	<input type="checkbox"/> See Banner form STVMAJR

If a similar major/concentration code exists in Banner, please list the code: _____
 Justification to warrant a new major/concentration code similar to an existing major/concentration code:
 This Certificate of Competence will allow ABIT students interested in data science and machine learning, to take two additional elective courses and obtain this credential. This is helpful for emerging jobs and opportunities in this field.

Is this major/concentration code being used the same way at the other UH campuses? Yes No
 Should this program be available for applicants to select as their planned course of study on the online application? *If yes, student may select the code as their only program of study.* Yes No

RULES PERTAINING TO FINANCIAL AID AND 150% DIRECT SUBSIDIZED LOAN LIMIT LEGISLATION

Is 50% or greater of the classes in this program offered at a location other than the Home Campus? Yes No
 Is this program/major/certificate financial aid eligible? Yes No
 Does this certificate qualify as a Gainful Employment Program (Title IV-eligible certificate program)? Yes No
 See <http://www.ifap.ed.gov/GainfulEmploymentInfo/index.html>

Program Length
In academic years; decimals are acceptable. The length of the program should match what is published by the campus in any online and/or written publication. 2 years

Special Program Designations A B N P T U
 See Special Program Designations Code Definitions on IRAO Program Code Request webpage
 Required Terms of Enrollment: Fall Spring Summer Extended

IRA0 USE ONLY: DATE RECEIVED

ADDITIONAL COMMENTS

[Empty box for additional comments]

ATTACHMENTS

BOR Approved: Sole-credential Certificates, Associate (excluding ATS), Bachelor and Graduate Degrees, and sole credential certificates

- BOR Meeting Minutes & Supporting Documents
- Curriculum

Chancellor Approved: Concentrations, Certificates and Associate in Technical Studies (ATS) Degree

- Memo from Chancellor to notify Vice President for Academic Planning and Policy regarding program action.
- Curriculum

CERTIFICATES ONLY: Please check one (1) statement. This certificate is a...


- BOR approved certificate. BOR Meeting/Approval Date: _____
- Chancellor approved within an authorized BOR program. BOR Program: _____
- Chancellor approved CO in accordance with UHCCP 5.203, Section IV.B.10.

VERIFICATIONS

By signing below, I verify that I have reviewed and confirm the above information that is pertinent to my position.

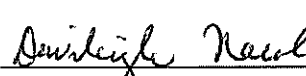
Registrar
(Print Name)

Flora Mora

 11/15/19
Signature Date


Financial Aid Officer
(Print Name)

Davileigh Naeole

 11/15/19
Signature Date

For Community Colleges,
verification of consultation with
OVPCC Academic Affairs:

-Suzette Robinson

 2/9/2022
Signature Date
Della Teraoka, Int Dir of Acad Progs

CO-ABIT ABIT - Data Science and Machine Learning (CO)

InWorkflow | Fall 2019

Proposal Information

Workflow Status

> BANNER REVIEW/INPUT > BANNER SPECIALIST

Debie Amby - Review

Proposer

- ✓ **Debasis Bhattacharya (Submitter)**
Submitted 9-27-2018
- ✓ **Debasis Bhattacharya**
Submitted 10-1-2018

Updated CO to include ICS 173 proposed
and ICS 435 proposed

DEPARTMENT (BUSINESS & HOSPITALITY) \\ Curriculum Department Representative

- ✓ **Gilbert Logan III**
Approved 10-2-2018

DEPARTMENT (BUSINESS & HOSPITALITY) \\ Department Chair

- ✓ **Lorelle A S Peros**
Approved 10-22-2018

(CURRICULUM COMMITTEE) \\ MEMBERS

- ☑ Lorelle A S Peros
- ☑ Timothy Marmack
- ☑ Kristine Korey-Smith
- ☑ Juliana Patao
- ☑ Donna Harbin
- ☑ Mary Farmer
- ☑ Michael Takemoto
- ☑ Ryan Daniels
- ☑ Clifford Rutherford
- ☑ C. Kuulei Nakahashi
- ☑ David Grooms
- ☑ Craig Omori
- ☑ Kaheleonolani Dukelow

(CURRICULUM COMMITTEE CHAIRS) \\ CHAIRS

- ✓ **Timothy Marmack**
Approved 12-21-2018
- ✓ **Lorelle A S Peros**
Approved 12-19-2018

(ACADEMIC SENATE) \\ SENATE CHAIR

- ✓ **Rosiana Azman**
Approved 12-21-2018

(ADMINISTRATION) \\ VCAA

- ✓ **Jonathon McKee**
Approved 12-26-2018

(ADMINISTRATION) \\ CHANCELLOR

- ✓ **Lui Hokoana**
Approved 3-11-2019

Code	Title
CO-ABIT	ABIT - Data Science and Machine Learning (CO)

Proposal Details

Type of Proposal

New

Proposer Name(s)

Debasis Bhattacharya

Internal Proposal Date

Proposal Summary

Addition of a Certificate of Competence (CO) in Data Science and Machine Learning for ABIT program. Two new elective courses will be proposed, one in data science and another in machine learning. Combining these two courses with three existing required ABIT courses (MATH 115, ICS 320 and BUS 310) will lead to this CO.

Course(s)

- MATH 115 - Introduction to Statistics and Probability (existing required course for ABIT program)
- ICS 173 - Introduction to Data Science (new elective course, proposal submitted)
- ICS 320 - Introduction to Information Systems and E-Commerce (existing required course for ABIT program)
- BUS 310 - Statistical Analysis for Business Decisions (existing required course for ABIT program)
- ICS 435 - Machine Learning (new elective course, proposal submitted)