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Date: **April 11, 2019**

REQUESTOR CONTACT INFORMATION

Name	Stuart Lau	Campus	Manoa
Title	Registrar	Email	stuartl@hawaii.edu
Office/Dept	Office of the Registrar	Phone	956-5322

■ **NEW SUBJECT CODE USE AT INSTITUTION**
☐ **MODIFY SUBJECT CODE USE AT INSTITUTION**

Institution **Manoa**   Effective Term   **Fall 2019**

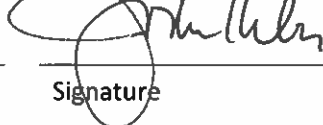|		Code (Max. Characters)	Description (30 characters max)	Check if requesting new code:
College	(2)	08	Academic Affairs	☐ See Banner form STVCOLL
Division	(4)			☐ See Banner form STVDIVS
Department	(4)	DATA	Hawaii Data Science Institute	■ See Banner form STVDEPT
Subject	(4)	DATA	Data Science	■ See Banner form STVSUBJ

ATTACHMENTS

■ Memo with appropriate campus approval (i.e. Campus Curriculum Committee, Vice Chancellor for Academic Affairs, etc.)

VERIFICATIONS

Registrar:

Stuart Lau	_(signature)_	April 11, 2019
Print Name	Signature	Date

Financial Aid Officer:

Jodie Kuba	_(signature)_	4/11/19
Print Name	Signature	Date

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

Print Name	Signature	Date

November 26, 2018

MEMORANDUM

TO: Michael Bruno
Interim Vice Chancellor for Academic Affairs
Vice Chancellor for Research

FROM: Gwen Jacobs
Co-Director, Hawai'i Data Science Institute
Director of Cyberinfrastructure

Jason Leigh
Co-Director, Hawai'i Data Science Institute
Professor, Information and Computer Sciences

SUBJECT: REQUEST FOR A NEW BANNER SUBJECT CODE (DATA)

SPECIFIC ACTION REQUESTED:

It is requested that the interim Vice Chancellor for Academic Affairs approve the creation of a new Banner Subject Code (BSC), "DATA" for the Hawai'i Data Science Institute (HI-DSI) curriculum development course offering.

RECOMMENDED EFFECTIVE DATE: January 2019

ADDITIONAL COST: There is No additional cost associated with this request.

PURPOSE: A new subject code will allow HI-DSI to fill a pressing need in data science training and offer new courses using an innovative and modular format.

BACKGROUND:

Data is creating unprecedented opportunities for derived economic, social and scientific value. As a result, the demand for a computation and visualization-savvy workforce and graduate students has become a critical national challenge. There are currently few course offerings at the University of Hawai'i (UH) that provide the much-needed, domain-agnostic training in data science. The HI-DSI aims to address this pressing need by developing new modules (1-credit courses) that will provide highly practical,

interactive and just-in-time training in data science for UH students. These courses will appeal to and benefit students across disciplines and will help build data science capacity that benefits UH and its students as well as the local economy. The courses can also be offered during the summer semesters for professionals in industry seeking to rapidly obtain skills in data science.

To facilitate the development of these new course offerings, we request that a dedicated BSC, "DATA" be created. We believe a dedicated BSC will best reflect the cross-disciplinary nature of the planned offerings. Additionally, given that the courses will be, at least initially, held online, a dedicated BSC will help unambiguously market these offerings.

ACTION RECOMMENDED:

It is recommended that the interim Vice Chancellor for Academic Affairs approve the creation of a new Banner Subject Code (BSC), "DATA" for the Hawai'i Data Science Institute (HI-DSI) curriculum development course offering.

Approved / Disapproved:

_____   12/10/18
Michael Bruno   Date
Interim Vice Chancellor for Academic Affairs
Vice Chancellor for Research