

IRAO OFFICE USE ONLY	
Received	
In Banner	
MTVCOMP/Codeset	
Master Curriculum	
CIP Code	
Program Code	
Program Description	

University of Hawai'i
Code Request Form for Academic Programs for

Reset Form

NEW OR MODIFY PROGRAM CODE



New Program Code



Modify Program Code

Date: 01/17/2017

REQUESTOR CONTACT INFORMATION

Name Shelby Wong Campus UH Hilo
 Title Curriculum & Catalog Coord. Email shelbyw@hawaii.edu
 Office/Dept OVCAA Phone (808) 932-7927

NEW PROGRAM CODE TO CREATE

Institution HIL - UH Hilo Campus HIL - UH Hilo
 Level UG - Undergraduate Effective Term Fall 2017

	Code (Max. Characters)	Description	Check if requesting new code:
College	(2) <u>AG</u>	<u>Agriculture, Forestry, Nat Res</u>	<input type="checkbox"/> See Banner form STVCOLL
Department	(4) <u>AG</u>	<u>Agriculture</u>	<input type="checkbox"/> See Banner form STVDEPT
Degree/Certificate	(6) <u>SC</u>	<u>Subject Certificate</u>	<input type="checkbox"/> See Banner form STVDEGC
Major	(4) <u>AG4</u>	<u>Agriculture</u>	<input type="checkbox"/> See Banner form STVMAJR
Concentration	(4) <u>UAS</u>	<u>Unmanned Aircraft Systems</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: _____

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.

1 YEAR

Special Program Designations

See *Special Program Designations Code Definitions on IRAO Program Code Request webpage*

A B N P T U

Required Terms of Enrollment: Fall Spring Summer Extended

ADDITIONAL COMMENTS

New Subject Certificate in Unmanned Aircraft Systems approved in the 2016-2017 curricular review cycle.

ATTACHMENTS

BOR Approved: Associate, Bachelor and Graduate Degrees, and sole credential certificates

BOR Meeting Minutes & Supporting Documents Curriculum

Chancellor Approved: Certificates related to authorized BOR program & Associate in Technical Studies (ATS) Degree

Memo from Chancellor to notify VPAA about new program Curriculum

For new certificates approved by the Chancellor, the related BOR authorized academic program is:
AG4- B.S. in Agriculture

VERIFICATIONS

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

Registrar:

Chelsea Kay-Wong

Print Name



Signature

1/23/17

Date

Financial Aid Officer:

Sherrie Padilla

Print Name



Signature

1/23/17

Date

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

Print Name

Signature

Date

Code | Certificate in Unmanned Aircraft Systems (UAS)

InWorkflow | 2017 Fall

Proposal Information

Workflow Status

> Curr Coord Final > Curriculum Coordinator

Shelby Wong - Review

VCAA Student Assistant - Review

Workflow History

Proposer

- ✓ **Arthur Cunningham**
Created 9-30-2016

Workflow History

(Curriculum Coordinator) \\ Curriculum Coordinator

- ✓ **Shelby Wong**
Approved 10-25-2016

Curriculum and Registrar Completed

Review

Workflow History

Department (Agriculture- CAFNRM) \\ Department Chair

- ✓ **Erik Cleveland**
Approved 10-25-2016

Workflow History

College (CAFNRM) \\ Division Chair

Workflow History

College (CAFNRM) \\ College Curriculum Review Committee Chair

Workflow History

College (CAFNRM) \\ Associate Dean

Workflow History

College (CAFNRM) \\ Dean

- ✓ **Bruce Mathews**
Approved 10-25-2016

Workflow History

(CCRC) \\ CCRC Chair

- ✓ **Linda Connelly**
Approved 10-25-2016

Workflow History

(VCAA) \\ VCAA

- ✓ **Matthew Platz**
Approved 10-25-2016

(Curr Coord Final) \\ Curriculum Coordinator

Shelby Wong

VCAA Student Assistant

Changes

Program Title

Certificate in Unmanned Aircraft Systems (UAS)

Admin Use Only

Code

P) Proposal Details

P.1) This is a proposal for:

New certificate or minor track within an existing BOR approved Baccalaureate or Graduate program

Home Program

Aeronautical Science, B.S. (AERS)

P.2) Proposal Summary

This 7 course (21) credit certificate program is a survey of unmanned aircraft systems and their usage in the National Aerospace System.

P.3) Proposal Rationale/Justification

Completion of this certificate program supplies participants with the knowledge necessary to take the FAA administered part 107 Remote Pilot License test. Those with an interest in UAS may take this certificate to learn more. Those who wish to operate UAS for a living may take this certificate in preparation for the rigors of certification through the Federal Aviation Administration (FAA).

P.4) Related Course(s)

- AERS 152 Introduction to UAS (3) "Proposal submitted"
- AERS 354 UAS Robotics (3) "Proposal submitted"
- GEOG 201 Interp Geog Data (3)
- AERS 352 UAS Mission Planning and Sim (3) (Pre: AERS 152) "Proposal submitted"
- AERS 452 UAS Flight (3) (Pre: AERS 354) "Proposal submitted"
- GEOG 470 Remote Sensing (3) (Pre: GEOG 201)
- GEOG 480 Geog Info Sys & Visualization (3) (Pre: GEOG 201)

P.5) Course(s) from Other Departments

Yes

Courses

- GEOG 201 Interp Geog Data (3)
- GEOG 470 Remote Sensing (3) (Pre: GEOG 201)
- GEOG 480 Geog Info Sys & Visualization (3) (Pre: GEOG 201)

P.6) Proposal Impact(s) - Resources

At initialization one new faculty member will be hired to support the UAS certificate.

P.7) Department Vote

	DATE	APPROVE	NOT APPROVE	ABSTAIN
DEPT VOTE	2016-10-21	9	0	0

P.8) Proposal Supporting Documents

- Acknowledgement_GEOG_UAS_Certificate.pdf (/api/cm/files/dc7a2cbb-abcc-4312-a5c0-f4b2275483ca)

P.9) Proposer Notes

1) Program Information

1.1) Degree Type

Undergraduate Subject Certificate

1.2) Program Description

This Certificate in Unmanned Aircraft Systems (UAS) is offered to all who meet the enrollment requirements for UH Hilo. Students will gain a broad understanding of unmanned aircraft types and purposes, their peripheral systems, and the legal guidance for operating them in a non-hobby capacity in the National Aerospace System of the United States of America. Graduates of this course will attain the knowledge necessary to test for the Remote Pilot Airman Certificate offered by the Federal Aviation Administration.

1.3) Program Catalog Description**Certificate in Unmanned Aircraft Systems (UAS):**

Contact: CAFNRM Office

Phone: (808) 932-7341

Email: awc8@hawaii.edu

This Certificate in Unmanned Aircraft Systems (UAS) is offered to all who meet the enrollment requirements for UH Hilo. Students will gain a broad understanding of unmanned aircraft types and purposes, their peripheral systems, and the legal guidance for operating them in a non-hobby capacity in the National Aerospace System of the United States of America. Graduates of this course will attain the knowledge necessary to test for the Remote Pilot Airman Certificate offered by the Federal Aviation Administration.

Requirements (21 credits):

- AERS 152 Introduction to UAS (3)
- AERS 354 UAS Robotics (3)
- GEOG 201 Interp Geog Data (3)
- AERS 352 UAS Mission Planning and Sim (3) (Pre: AERS 152)
- AERS 452 UAS Flight (3) (Pre: AERS 354)
- GEOG 470 Remote Sensing (3) (Pre: GEOG 201)
- GEOG 480 Geog Info Sys & Visualization (3) (Pre: GEOG 201)

2) Program Requirements**1.4) College****2.1) Minimum Number of Credits**

Requirement: 21 credits

2.2) Minimum GPA

2.0

1.5) Department**2.3) Minimum Acceptable Grade**

1.0

2.4) Program Notes**3) Attachments**

- UAS Certificate.docx (/api/cm/files/a1bf33f1-ced0-4cc4-a3a2-5647710f227a)