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Master Curriculum	
CIP Code	
Program Code	
Program Description	1

University of Hawai'i
Code Request Form for Academic Programs

REPLACE PROGRAM CODE

Date: March 14, 2017 REQUESTOR CONTACT INFORMATION Stuart Lau **UH Manoa** Name Campus University Registrar Title stuartl@hawaii.edu **Email** Office/Dept Office of the Registrar Phone 956-5322 **NEW PROGRAM CODE TO CREATE** MAN - UH Manoa MAN - UH Manoa Institution Campus Level UG - Undergraduate Fall 2017 **Effective Term** Code Description Check if requesting new code: (Max. Characters) College (2) 30 Coll of Trop Ag & Human Res See Banner form STVCOLL Department (4) TPSS Tropical Plant & Soil Science See Banner form STVDEPT (6) BS Degree/Certificate Bachelor of Science See Banner form STVDEGC (4) TAE Trop Agriculture & Environment Major ✓ See Banner form STVMAJR Concentration (4)See Banner form STVMAJR Minor (4)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 Yes No online application? If yes, student may select the code as their only program of study. RULES PERTAINING TO FINANCIAL AID AND 150% DIRECT SUBSIDIZED LOAN LIMIT LEGISLATION ls 50% or greater of the classes in this program offered at a location other than the Home Yes No Campus? Is this program/major/certificate financial aid eligible? No Does this certificate qualify as a Gainful Employment Program (Title IV-eligible certificate No program)? 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. 4 vears Special Program Designations See Special Program Designations Code Definitions on IRAO Program Code Request webpage Required Terms of Enrollment \checkmark Fall **V** Spring Summer Extended

University of Hawai'i Code Request Form for Academic Program Codes

REPLACE PROGRAM CODE

EXISTING PR	OGRAM CODE TO REPL	ACE						
Program Code	TPSS-BS	Program Descri	ption	Tropical	Plant &	Soil S	ci-BS	
Institution	MAN - UH Manoa	Campus		MAN -	UH Ma	noa		
College	30	Department		TPSS				
Level	UG - Undergraduate							
Are current stud	dents "grandfathered" under	the program code?			\checkmark	Yes		No
Should the old p	orogram code be available fo	r use in Banner?			V	Yes		No
	, old progr erm (ie. Fall 2014)	am code will no longer be availabl	e to ac	lmit or re	cruit stu	ıdents.		
		ment (effects Banner forms SRASUMI o IK, and SAAQUAN) Banner modules.	ind SRA	QUIK) and	admissio	ons (effe	ects Bar	ner
	ring 2021 , old progr erm (ie. Fall 2014)	am code will no longer be availabl	e to a v	ward degi	ee to st	udents		
This will turn oj modules.	ff the general student (effects B	anner form SGASTDN) and academic h	istory (e	effects Bar	ner form	SHADE	GR) Bai	nner
ATTACHMENT	rs							
BOR Approved:	: Associate, Bachelor and Gra	duate Degrees, and sole credentia	certifi	cates				
	g Minutes & Supporting Docu				urricului	m		
	• ,, -	c to VPAA, to change existing code	<u>2</u>					
Chancellor App	roved: Certificates (eg. Certi	ficate of Achievements, Certificates	of Co	mpetence	e, Subjec	t Certif	icates,	,
		n Technical Studies (ATS) Degree						
Memo from	n Chancellor to VPAA to chan	ge existing code and create new co	ode	Cı	urriculur	n		
VERIFICATIO	NS							
Registrar:								
Stuart Lau		8x L		Marc	ch 14, 20	017		
Print Name		Signature		Date	е			
Financial Aid O	fficer:	\sim \sim \sim			, ,			
Jodie K	Cuba	Julih			1/7/	17		
Print Name		Signature		Date	2			
For Community	Colleges, verification of cor	sultation with OVPCC Academic A	ffairs:					
Print Name		Signature		Date	e			

 $^{^{1}}$ Required for change in degree. 2 Required for program title with no substantive change in curriculum.



College of Tropical Agriculture and Human Resources

Department of Tropical Plant and Soil Sciences
Department of Plant & Environmental Protection Sciences

December 7, 2016

MEMORANDUM

TO:

David Lassner

President, University of Hawaii System

VIA:

David Lassner

Interim Chancellor, University of Hawaii, Manoa

VIA:

Michael Bruno

Interim Vice Chancellor for Academic Affairs, University of Hawaii, Manoa

VIA:

Rachel Novotny

Interim Dean and Director, College of Tropical Agriculture and Human Resources

FROM:

Robert Paull

Chair, Department of Tropical Plant and Soil Sciences

Digitally agreed by Nathert E Pauli
DN: The Robert E Pauli, Geodesia of
Hawaii at Manoa, our Tropical Plant & Sc
Science Lemnal pauliphavaicodu, CeU:

Helen Spafford

Chair, Department of Plant and Environmental Protection &

SUBJECT: Request to change degree name from Bachelor of Science in Tropical Plant and Soil Sciences to Bachelor of Science in Tropical Agriculture and the Environment

SPECIFIC ACTION REQUESTED:

We request that the name of the Bachelor of Science degree, "Tropical Plant and Soil Sciences," be changed to the Bachelor of Science degree, "Tropical Agriculture and the Environment," to be administered by the Tropical Plant and Soil Sciences (TPSS) and Plant and Protection Sciences (PEPS) departments.

RECOMMENDED EFFECTIVE DATE:

Beginning of Fall 2017 semester

ADDITIONAL COST:

No additional costs are associated with this action or its implementation.

PURPOSE:

To better reflects the broader outcomes of the consolidated undergraduate programs of TPSS and PEPS, faculty in the TPSS and PEPS departments approved and recommend changing the name of the Tropical Plants and Soil Sciences BSc degree to Tropical Agriculture and the Environment BSc degree.

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BACKGROUND INFORMATION:

During the last two years, the TPSS and PEPS departments have been working closely to consolidate their undergraduate programs into a single academic program.

To date, this coordinated effort has resulted in (1) the addition of a new track in the TPSS undergraduate program (see Attachment 1) and (2) discontinuing admission of students into the PEPS undergraduate program (see Attachment 2). We will ask that the PEPS undergraduate program be discontinued in five years.

The next important step in the process is to rename the TPSS program so that reflects the broader interests of TPSS's and PEPS's faculty and students and the consolidation of the programs. To that end, the joint TPSS-PEPS Curriculum Committee developed a process for identifying an appropriate name for the consolidated academic program. Under that process, faculty and students in TPSS and PEPS were surveyed and a focus group of students was convened to generate best candidate names. The above consultative process yielded four short-list names which were presented to the PEPS and TPSS faculty at separate departmental meetings, then at a joint meeting of both departments. The PEPS and TPSS faculty were asked to rank the four names in an online survey (40 faculty responded).

The highest ranked name, and the name of the consolidated undergraduate academic program being proposed by TPSS and PEPS, is Tropical Agriculture and the Environment (TAE).

During the last month, we have contacted others within and outside of CTAHR to canvas their support for the proposed program name. The CTAHR Faculty Senate endorsed the proposed name in its November 7, 2016 meeting. The College of Natural Sciences, Department of Biology, and Department of Botany (see Attachment 4) were also contacted and have indicated their support of the name change.

A Joint Curriculum committee consisting of faculty from both TPSS and PEPS has been established. The By-laws of the committee were voted upon and accepted by faculty of both departments (Attachment 3).

ACTION RECOMMENDED:

We recommend that you approve the proposed change in the name of the Bachelor of Science degree in Tropical Plant and Soil Sciences to the Bachelor of Science degree in Tropical Agriculture and the Environment (TAE), effective Fall 2017.

Att	ac	hm	en	ts:
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Attachment 1.

January 07, 2016, Memo-Request to Change Bachelor of Science in Tropical

Plant & Soil Sciences

Attachment 2.

April 26, 2016 memo-Request to Stop-Out Admissions for Bachelor of

Science in Plant and Environmental Protection Sciences

Attachment 3.

Expressions of support from other UHM units.

Cc: Risa Dickson, Executive Vice President for Planning and Policy Vice President for Academic Planning and Policy

PPROVED /DISAPPROVED

EEB 1 5 2017

David Lassner

Date





RECEIVED

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MANOA CHANCELLOPI'S
OFFICE

ORIGINAL

DATE: January 7, 2016

MEMORANDUM

TO:

Dr. Reed Dasenbrock

Vice Chancellor for Academic Affairs

VIA:

Dr. Maria Gallo

Dean, College of Tropical Agriculture and Human Resources

FROM: Dr. Russell Yost,

Chair, Department of Tropical Plant and Soil Sciences

AND

Professor/Extension Specialist Mark Wright

Chair, Department of Plant and Environmental Protection Sciences

RE: Changes to the existing Bachelor of Science in Tropical Plant and Soil Sciences

SPECIFIC ACTION REQUESTED:

Approve proposed changes to the existing Bachelor of Science in Tropical Plant and Soil Sciences, specifically the inclusion of an additional track in Invasive Species Management.

RECOMMENDED EFFECTIVE DATE:

Beginning of Fall Semester 2016

BACKGROUND:

The Department of Tropical Plant and Protection Sciences currently offers a Bachelor of Science degree in Tropical Plant and Protection Sciences (TPSS) that has four tracks: plant production and management, plant genetics and physiology, tropical landscape horticulture, and environmental soil sciences. Students in this program of study complete a common core of classes and then select one of the four areas of specialization.

The Bachelor of Science in Plant and Environmental Protection Sciences (PEPS) requires many of the same classes for students as the TPSS program and many of the required and optional classes are cross-listed as offerings of both Departments. Both these programs have low annual graduation rates, ca 5-11 students per year.

In response to an external College review and internal strategic planning effort, the Faculty of both Departments have met and agreed upon the following changes to the TPSS BS program that will occur concurrently with a proposed discontinuation of the PEPS BS program. The proposed changes have been discussed with both Departments.

PROPOSED CHANGES

The Bachelor of Science In Tropical Plant and Protection Sciences will have a common core of classes and five areas of specialization: plant production and management, plant genetics and physiology, tropical landscape horticulture, environmental soil sciences, and invasive species management (ISM). This revised curriculum uses existing courses and requires no new course approvals. The proposed change should not impact any other academic programs at UHM/UH besides TPSS and PEPS.

Changes to the Common Core

The common core of classes will be similar to what is already required by the TPSS program. Only 6 additional credits in two classes will be required: (TPSS/PEPS 499 and Biology 265). The total credit requirement for the common core will be 21 credits.

Existing TPSS Core

TPSS 200	3 credits	Tropical Crop Science
TPSS 304	4 credits	Fundamentals of Soil Science
PEPS 421	4 credits	Foundations of Pest Management
TPSS 470, 470L	4 credits	Plant Physiology and Lab

New Core inclusions

Biology 265	3 credits	Ecology and Evolution
TPSS/PEPS 499	3 credits	Directed Research

Changes to Existing Specializations

The existing specializations in the TPSS program will have no change.

Inclusion of a New Specialization

The inclusion of a new specialization, invasive species management, will attract students to the TPSS program who would have otherwise been enrolled in the Bachelor of Science in PEPS (which we will request approval to discontinue) and provide greater cohesion in instruction in an important human endeavor. The students in the ISM specialization will complete the following required classes (20 credits).

PEPS 350 Invasive Pest Species

PEPS 363 General Entomology

PEPS 363 L General Entomology Laboratory

PEPS 405 Plant Pathogens and Diseases

PEPS 422 Biocontrol of Invasive Species

PEPS 430 Plant Disease Management

PEPS 481 Weed Science

Students in the ISM specialization will also complete 12 credits from the following selection of courses:

PEPS 310 Environment and Agriculture

PEPS 371 Genetics: theory to application

PEPS 410 Sustainable Plant and Soil Health Management

PEPS 418 Turfgrass pest management

PEPS 451 Environmental Law

PEPS 463 Urban pest management

PEPS 486 Insect Microbe interactions

GEOG 388 Introduction to Geographic Information Systems

With the required classes and the additional 12 credits, the ISM track will require completion of 32 credits.

Thus the requirement for a student in the ISM specialization of the TPSS program will be

21 common core (15 upper division)

32 specialization (32 upper division)

53 total credits (47 upper division)

Students will complete the CTAHR required courses and meet all other University general education and requirements as specified including a minimum of 120 total credits for graduation. A sample program sheet is attached for the revised TPSS program with an ISM specialization and sample program sheets for the other specializations with the minor revisions and additional core courses.

Program Administration

The TPSS program will be jointly administered by Faculty of both TPSS and PEPS Departments Including approval of any program changes, course approvals, deletions etc. A set of By-Laws will be drafted to define the administration.

Expected Outcome of Proposed Changes

Implementation of the proposed changes will increase the enrollment and graduation rates in an existing BS program and meet an existing and projected need for graduates with explicit training in invasive species management for plant production and environmental protection.

RECOMMENDED ACTION:

Approval of the inclusion of an additional area of specialization, invasive species management, in the TPSS BS program and additional minor program changes as indicated.

APPROYED/DISAPPROVED:	Effective Term: Fall 2016
Da	DATE: 3/2 1/2 . 16
	DATE:

Advising Checklist for Environmental Soil Sciences

Student		UH ID		
All co	ourses are 3 credits, unless otherwise indicated.			
I.	University Core Requirements (UHM) (40 credits) A. Foundations			
	Written Communication (ENG 100)			
	Symbolic Reasoning* (MATH 215)			
	Global & Multicultural Perspectives (6 cr.)			
	B. Diversification			
	Arts, Humanities & Literature (6 cr.)			
	Social Sciences (6 cr.)			
	Natural Sciences (16)*			
	BIOL 171 and BIOL 171L(1)			
	BIOL 172 and BIOL 172L(1)			
	CHEM 161 and CHEM 161L (1)	AP Sufferent der versichen der		
	CHEM 162 and CHEM 162L (1)			
	*The Symbolic Reasoning and Natural Sciences requirements end of the student's third semester in TPSS	are to be completed by the		
	C. Special Graduation Requirements (0 to 15 credits) Hawaiian, Asian & Pacific (H)			
	Contemporary Ethical Issues (E)			
	Oral Communications (O)			
	Writing Intensive (W) (5 courses, 2 upper division)	44444444444444444444444444444444444444		
	(TPSS 200 & TPSS 492, PEPS 421, plus 2 others)			
	The Contemporary Ethical Issues (E) requirement can be satis	fied by taking any one of the following:		
	CMB 351/BIOL 340 Genetics, Evolution and Society			
	MBBE/BIOL 304, Biotechnology: Science and Ethical Issues			
	PEPS 310 Environment and Agriculture			
	PEPS 350 Invasive Pest Species			
	PEPS 451 Environmental Law	A		
	TPSS 416 Introduction to Social, Ethical, and Political Issues	Associated with Biotechnology		
П.	College Requirements (CTAHR) (7 or 8 credits)			
		AMR 380 & 380L Research Methodology		
	TPSS 492 Internship (1) AndT	'PSS 492L W Internship Field Experience		
TTT	TPSS Core Requirements (21 credits)			
111.	BIOL 265 Ecology and Evolutionary Biology			
	PEPS 421 W Foundations of Pest Managmt (4) TI	PSS/PEPS 499 Directed Research (3)		
		PSS 304 Fundamentals of Soil Science (4)		
	TPSS 470 /470L (1) Plant Physiology	- ,		

Group A. Fundamental courses	•
(Complete all 4 courses, 13 credits)	TROO 450 Northians Manua Calle & Blance (4)
TPSS 435 Environmental Soil Chemistry TPSS 460 Plant Soil Atmosphere Physics	TPSS 450 Nutrient Mgmt Soils & Plants (4) TPSS 475 Plant Nutrient Diagnosis
Group B. Electives for this major specializ	ation
(Select courses from the following for 18 ca	redits minimum)
GEOG 401 Climate Change	·
GEOG 402 Agricultural Climatology	GEOG 405 Water in the Environment
GG 101 Dynamic Earth	GG 103 Geology of the Hawaiian Islands
GG 425 Environmental Geochemistry	GG402
MICRO 485 Microbes and their Environment	
MET/ATMO 310 Global Change	
NREM 301 Natural Resources management (4)	NREM 461 Soil Erosion & Conservation
NREM 477 Geographic Information Systems for	
PEPS 410 Sustainable Soil and Plant Health Man	agement (2)
TPSS 463 Irrigation and Water Management	
Total Curdit Beautyments 120	Duamand for Fall 2016
Total Credit Requirement: 120	Proposed for Fall 2016

Credit sun	ımary	Credits	% of 120
UHM	core	41	34.2
CTAHR	core	8	6.7
TPSS	core	21	17.5
TPSS Environmental Soil Sciences			
	specialization	31	25.8
Special graduation & unrestricted electives		<u>19</u>	<u>15.8</u>
Total .		120	100

Advising Checklist for Plant Production and Management

Stud	lent	UH ID
All c	ourses are 3 credits, unless otherwise indicated.	
ľ.	University Core Requirements (UHM) (40 credit	ts)
	Written Communication (ENG 100)	
	Symbolic Reasoning* (MATH 140 or NREM 203)	
	Global & Multicultural Perspectives (6 cr.)	
	B. Diversification	
	Arts, Humanities & Literature (6 cr.)	
	Social Sciences (6 cr.)	
	Natural Sciences (16)*	
	BIOL 171 and BIOL 171L(1)	
	BIOL 172 and BIOL 172L(1)	
	CHEM 161 and CHEM 161L (1)	
	CHEM 162 and CHEM 162L (1)	· · · · · · · · · · · · · · · · · · ·
	*The Symbolic Reasoning and Natural Sciences req end of the student's third semester in TPSS	uirements are to be completed by the
	C. Special Graduation Requirements (0 to 15 credits)	
	Hawaiian, Asian & Pacific(H)	
	Contemporary Ethical Issues (E), see choices below	
	Oral Communications (O)	
	Writing Intensive (W) (5 courses, 2 upper division)	
	(TPSS 200 & TPSS 492, PEPS 421, plus 2 others)	
	The Contemporary Ethical Issues (E) requirement w	
	CMB 351/BIOL 340 Genetics, Evolution and Socie	
	MBBE/BIOL 304 Biotechnology: Science and Ethic PEPS 310 Environment and Agriculture	cai issues
	PEPS 350 Environment and Agriculture PEPS 350 Invasive Pest Species	
	PEPS 451 Environmental Law	
	TPSS 416 Introduction to Social, Ethical, and Politi	cal Issues Associated with Biotechnology
ÏI.	College Requirements (CTAHR) (7 or 8 credits)	
	NREM 310 Statistics in Agriculture Or	FAMR 380 & 380L Research Methodology
	TPSS 492 Internship (I) And	TPSS 492L W Internship Field Experience
III.	TPSS Core Requirements (21 credits)	
	BIOL 265 Ecology and Evolutionary Biology	
		PSS/PEPS 499 Directed Research (3)
		TPSS 304 Fundamentals of Soil Science (4)
	TPSS 470 (4701. (1) Plant Physiology	

IV.	TPSS Requi	irements for this major special	ization (32 credits)	
17.		undamental courses	manual (or creates)	
		all 5 courses, 16 credits)		
		General Entomology & Lab (1)	PEPS 405 Plant	Pathogens & Disease (4)
		Horticulture Practices (2)		. 1
		Plant Propagation		
		Weed Science		
	11 33 40	THE COLUMN TO TH		
		lectives for this major specializ ses from the following for 16 c		
	Take 6 cour	ses from the two groups below	, including at least 3	from group B.
		luction courses; take 3 or more)		
		2 Advanced Taro Cultivation		
	TPSS 220	Organic Crop Production (2)	TPSS 405 Turf Ma	
	TPSS 300	Tropical Crop Production Systems (4)) TPSS 430 Nursery	
	TPSS 401	Vegetable Crop Production		Culture & Transformation
	TPSS 402	2 Flower and Foliage Crop Production	TPSS 403 Tropical	Fruit Production
	Group C (Supr	porting courses)		
		Principles of Marketing*		
		Current topics in Plant Sciences (1)	TPSS 429 Spreadsh	eet Modeling for Business
		6 Renewable Energy and Society	and Econ	omic Analysis*
		Agribusiness Accounting and Financial Analysis*	TPSS 435 Environn	nental Soil Chemistry
	TPSS 350	Tropical Landscape Practices	TPSS 450 Nutrient	Mgt. Soils & Plants (4)
		Enterprise Management*		_ ,,
		2 Landscape Architecture History,	TPSS 453 Plant Bre	eding & Genetics
		Theory & Practice	TPSS 460 Plant Soi	l Atmosphere Physics
	TPSS 353	3 Landscape Graphics Studio	TPSS 463 Irrigation	and Water Management
	TPSS 354	Tropical Landscape Planting Design	Studio	
		Ornamental Plant materials	TPSS 473 Postharve	
		Genetics: Theory to Application	TPSS 475 Plant Nut	
		Cultural Geography		ental Topics (variable credit)
		S Issues Concerning Biotechnology		Study (variable credit)
	TPSS 421	1 Tropical Seed Science (2)	TPSS 418 Turf Pest	Management (4)
	Any non-	introductory MBBE, NREM, PEPS, G	EOG, BOT, MET/ATMO	, ACC, BUS, CHEM or
	PHYS course,	or any other TPSS course with approva	il of the undergraduate ac	ademic advisor.
		complete these four courses will earn	a Certificate in Agribusin	ess Management: TPSS
	341, 351, 429 a	ind BUS 312		
	Total Credi	t Requirement: 120	Propo	sed for Fall 2016
	Credit sum	mary	Credits	% of 120
	UHM	core	40	33.3
	CTAHR	core	8	6.7
			21	17.5
	TPSS	Core		
	TPSS	Plant Production specializatio		26.7
		uation & unrestricted electives	<u>19</u>	<u>15.8</u>
	Total		120	100

Advising Checklist for Plant Sciences (Emphasis on Genetics and Physiology)

Stu	dent	UH ID
Allo	courses are 3 credits, unless otherwise indicated.	
I.	University Core Requirements (UHM) (40 credits) A. Foundations	
	Written Communication (ENG 100)	W
	Symbolic Reasoning* (MATH 140 or NREM 203)	OFF-INVINOEN-TRAFFORMATIONALINA
	Global & Multicultural Perspectives (6 cr.)	
	B. Diversification	
	Arts, Humanities & Literature (6 cr.)	
	Social Sciences (6 cr.)	
	Natural Sciences (16)*	
	BIOL 171 and BIOL 171L(1)	
	BIOL 172 and BIOL 172L(1) CHEM 161 and CHEM 161L (1)	
	CHEM 161 and CHEM 161L (1)	
	Chew 102 and Chew 102L(1)	
	*The Symbolic Reasoning and Natural Sciences requend of the student's third semester in TPSS	airements are to be completed by the
	C. Special Graduation Requirements (0 to 15 credits)	
	Hawaiian, Asian & Pacific(H)	
	Contemporary Ethical Issues (E), see choices below	
	Oral Communications (O)	
	Writing Intensive (W) (5 courses, 2 upper division)	
	(TPSS 200 & TPSS 492, PEPS 421, plus 2 others)	
	The Contemporary Ethical Issues (E) requirement w	ill be satisfied by taking any one of the following:
	CMB 351/BIOL 340 Genetics, Evolution and Societ	y
	MBBE/BIOL 304 Biotechnology: Science and Ethic	al Issues
	PEPS 310 Environment and Agriculture	
	PEPS 350 Invasive Pest Species	
	PEPS 451 Environmental Law	
	TPSS 416 Introduction to Social, Ethical, and Politic	al Issues Associated with Biotechnology
II.	College Requirements (CTAHR) (7 or 8 credits)	
		FAMR 380 &380L Research Methodology
	TPSS 492 Internship (1) And	TPSS 492L W Internship Field Experience
	11 00 328 Intelligible (1)	annual trade to the state of th
m	TPSS Core Requirements (21 credits)	
	BIOL 265 Ecology and Evolutionary Biology	
	PEPS 421 W Foundations of Pest Managmt (4	TPSS/PEPS 499 Directed Research (3)
	TPSS 200 W Tropical Crop Science	TPSS 304 Fundamentals of Soil Science (4)
	TPSS 470 /470L (1) Plant Physiology	

IV. TPSS Requirements for this major specialization (30 credits) Complete 10 courses from the two groups below, including at least 3 from group A.

Group A (Genetics & Physiology courses; take 3 or more)
BIOL 340 Genetics, Evolution & Society
TPSS 371 Genetics: Theory to Application
TPSS 440 Tissue Culture/Transformation
TPSS 453 Plant Breeding & Genetics
MBBE 304 Biotechnology: Science & Ethical Issues
MBBE 401 Molecular Biotechnology
Group B (Supporting courses)
BIOL 124/124L Environment & Ecology
BIOL 407 Molecular Biology
BOT 201/201L Plant Evolutionary Diversity
BOT 410/410L Plant Anatomy
BOT 461 Systematics of Vascular Plants
GEO 101 The Natural Environment
MICR 314 Research Ethics
MBBE 402/402L or BIOL 402 or BIOC 341
Biochemistry
PEPS 363/363L General Entomology
PEPS 403 Molecular Biosensors
PEPS 405 Plant Pathogens & Diseases
TPSS 300 Tropical Crop Production Systems
TPSS 336 Renewable Energy and Society
TPSS 351 Enterprise management
TPSS 409 Cultural Biogeography
TPSS 416 Issues Concerning Biotechnology
TPSS 420 Plant Propagation
TPSS 435 Environmental Soil Science
TPSS 450 Nutrient Mgmt. Soils & Plants
TPSS 460 Soil Plant Environment
TPSS 463 Irrigation & Water Management
TPSS 481 Weed Science
TPSS 491 Experimental Topics
Any non-introductory MBBE, NREM, PEPS, GEOG, BOT, MET/ATMO, ACC, BUS, CHEM or PHYS
course, or any other TPSS course with approval of the undergraduate academic advisor.

Total Credit Requirement: 120

Proposed for Fall 2016

Credit summary		Credits	% of 120
UHM	core	40	33.3
CTAHR	core	8	6.7
TPSS	core	21	17.5
TPSS	Plant Sciences specialization	30	25
Special graduation & unrestricted electives		<u>21 </u>	<u>17.5</u>
Total		120	100

^{*} Students who complete these four courses will earn a Certificate in Agribusiness Management: TPSS 341, 351, 429 and BUS 312

Advising Checklist for Tropical Landscape Horticulture

Stud	lent UH ID
All co	ourses are 3 credits, unless otherwise indicated.
I.	University Core Requirements (UHM) (40 credits)
	A. Foundations
	Written Communication (ENG 100)
	Symbolic Reasoning* (MATH 140 or NREM 203)
	Global & Multicultural Perspectives (6 cr.)
_	B. Diversification
•	Arts, Humanities & Literature (6 cr.)
	Social Sciences (6 cr.)
	Natural Sciences (16)*
	BIOL 171 and BIOL 171L(1)
	BIOL 172 and BIOL 172L(1)
	CHEM 161 and CHEM 161L (1)
	CHEM 162 and CHEM 162L (1)
	*The Symbolic Reasoning and Natural Sciences requirements are to be completed by the
	end of the student's third semester in TPSS
	C. Special Graduation Requirements (0 to 15 credits)
	Hawaiian, Asian & Pacific(H)
	Contemporary Ethical Issues (E)
	Oral Communications (O)
	Writing Intensive (W) (5 courses, 2 upper division)
	(TPSS 200 & TPSS 492, PEPS 421, plus 2 others)
	The Contemporary Ethical Issues (E) requirement will be satisfied by taking any one of the following:
	CMB 351/BIOL 340 Genetics, Evolution and Society
	MBBE/BIOL 304 Biotechnology: Science and Ethical Issues
	PEPS 310 Environment and Agriculture
	PEPS 350 Invasive Pest Species
	PEPS 451 Environmental Law
	TPSS 416 Introduction to Social, Ethical, and Political Issues Associated with Biotechnology
II. C	College Requirements (CTAHR) (7 or 8 credits)
	NREM 310 Statistics in Agriculture Or FAMR 380 & 380L Research Methodology
	TPSS 492 Internship (1) And TPSS 492L W Internship Field Experience
III.	TPSS Core Requirements (21 credits)
	BIOL 265 Ecology and Evolutionary Biology
	PEPS 421 W Foundations of Pest Managmt (4) TPSS/PEPS 499 Directed Research (3)
	TPSS 200 W Tropical Crop Science TPSS 304 Fundamentals of Soil Science (4)

IV.	7. TPSS Requirements for this major specialization (32 credits) Group A. Fundamental courses							
	(Complete all 5 courses, 17 credits)							
	PEPS 363 General Entomology (3) & Lab (1)	PEPS 405 Plant Pathog	ens & Disease (4)					
	TPSS 354 Tropical Landscape Planting Design	Studio						
	TPSS 463 Irrigation & Water Management	TPSS 481 Weed Science	ce					
	Group B. Design & Practice courses	Group B. Design & Practice courses						
	(Select courses from the following for 15	credits minimum)						
	ARCH 442 Introduction to Urban Design							
	ART 113 Introduction to Drawing	BOT 440 Advanced Et	hnobotany					
	BUS 312 Principles of Marketing*							
	GEOG 309 Plants, People and Ecosystems	GEOG 330 Culture and	I Environment					
	SOC 301 Survey of Urban Sociology	TPSS 369 Ornamental						
	TPSS 341 Agribusiness Accounting & Financi							
	TPSS 350 Tropical Landscape Practices	TPSS 351 Enterprise M	fanagement*					
	TPSS 352 Landscape Architecture History,	TPSS 353 Landscape C						
	Theory & Practice		dscape Planting Design					
	·	Studio						
	TPSS 409 Cultural Geography							
	TPSS 421 Tropical Seed Science (2)	TPSS 429 Spreadsheet Modeling for Business						
	TPSS 430 Nursery Management	& Economic Analys	sis*					
	TPSS 431 Cropping Systems	TPSS 440 Tissue Culture & Transformation						
	TPSS 453 Plant Breeding & Genetics		•					
	TPSS 473 Postharvest Physiology	TPSS 491 Experiments	I Topics (variable credit)					
	TPSS 499 Directed Study (variable credit)							
	Any non-introductory MBBE, ARCH, NREM,							
	CHEM or PHYS course, or any other TPSS course v	with approval of the undergrad	luate academic advisor.					
	* Students who complete these four courses will earn 341, 351, 429 and BUS 312	n a Certificate in Agribusiness	Management: TPSS					
	Total Credit Requirement: 120	Proposed	i for Fall 2016					
	Credit summary	Credits	% of 120					
		<u> </u>						
			33.3					
	CTAHR core	8	6.7					
	TPSS core	21	17.5					
	TPSS Landscape specialization	32	26.7					
	Special graduation & unrestricted electives	<u>19</u>	15.8					
	Total	120	100					
	4 TIN-	•••	400					

Advising Checklist for Invasive Species Management

Stud	lent	UH ID
All co	ourses are 3 credits, unless otherwise indicated.	
I.	University Core Requirements (UHM) (40 credit A. Foundations Written Communication (ENG 100) Symbolic Reasoning* (MATH 140 or NREM 203) Global & Multicultural Perspectives (6 cr.) B. Diversification Arts, Humanities & Literature (6 cr.) Social Sciences (6 cr.) Natural Sciences (16)* BIOL 171 and BIOL 171L(1) BIOL 172 and BIOL 172L(1) CHEM 161 and CHEM 161L (1) CHEM 162 and CHEM 162L (1) *The Symbolic Reasoning and Natural Sciences requent of the student's third semester in TPSS C. Special Graduation Requirements (0 to 15 credits) Hawaiian, Asian & Pacific(H) Contemporary Ethical Issues (E), see choices below Oral Communications (O) Writing Intensive (W) (5 courses, 2 upper division) (TPSS 200 & TPSS 492, PEPS 421, plus 2 others) The Contemporary Ethical Issues (E) requirement w CMB 351/BIOL 340 Genetics, Evolution and Societ MBBE/BIOL 304, Biotechnology: Science and Ethic PEPS 350 Invasive Pest Species PEPS 310 Environment and A griculture PEPS 451 Environmental Law TPSS 416 Introduction to Social, Ethical, and Politic	uirements are to be completed by the iill be satisfied by taking any one of the following: by cal Issues
II.	College Requirements (CTAHR) (7 or 8 credits) NREM 310 Statistics in Agriculture Or 1 PEPS 495 Capstone (4)	FAMR 380 & 380L Research Methodology
III.		PSS/PEPS 499 Directed Research (3)- PSS 304 Fundamentals of Soil Science (4)

IV.	Group A. I	TPSS Requirements for this major specialization (32 credits) Group A. Fundamental courses (Complete all 6 courses, 20 credits)						
		50 Invasive Pest Species	PEPS 363 and 363L	(1) General Entomology & Lab				
)5 Plant Pathogens & Disease (4)	PEPS 430 Plant Dise					
		22 Biocontrol of Invasive Species	TPSS 481 Weed Scie					
	Group B.	Electives for this major speciali	zation					
	(Select cou	rses from the following for 12 c	redits minimum)					
	GEOG 3	ISS Introduction to GIS						
	PEPS 31	0 Environment and Agriculture 8 Turf Pest Management (4)	PEPS 371 Genetics:	Theory to Application				
	PEPS 41	8 Turf Pest Management (4)	PEPS 451 Environme	ental Law				
	PEPS 41	IV Sustainable Plant and Soil Health Ma	nagement (2)					
	PEPS 46	PEPS 463 Urban Pest Management PEPS 486 Insect Microbe Interactions						
		n-introductory MBBE, NREM, PEPS, G or any other TPSS course with approva						
	Total Cred	it Requirement: 120	Propos	ed for Fall 2016				
	Credit sum	ımary	Credits	% of 120				
	UHM	core	40	33.3				
	CTAHR	core	8	6.7				
	TPSS	core	21	17.5				
	TPSS	Invasive Species Managemen						
	1100	specialization	32	26.7				
	Cinl							
		duation & unrestricted electives	<u>19</u> 120	<u>15.8</u>				
	Total		170	100				

College of Tropical Agriculture and Human Resources Founding College of the University of Hawai'i Office of the Dean and Director DTS #17633



RECEIVED

April 26, 2016

MAY 12 P3 41

UNIVERSITY OF HAWAII PRESIDENT'S OFFICE

MEMORANDUM

TO:

David Lassner

President

VIA:

Robert Bley-Vroman Kollet Rlay Vroman

Chancellor

VIA:

Reed Dasenbrock

Vice Chancellor for Academic Affairs

FROM:

Dean and Director for Research and Cooperative Extension

SUBJECT:

REQUEST TO STOP-OUT ADMISSIONS FOR BACHELOR OF SCIENCE IN

PLANT AND ENVIRONMENTAL PROTECTION SCIENCES

SPECIFIC ACTION REQUESTED:

It is requested that admission to the BS in Plant and Environmental Protection Sciences be stopped-out for the period beginning with the approval of this request and continuing until July 1, 2021.

RECOMMENDED EFFECTIVE DATE:

It is requested that the stop-out be effective upon approval of this request and continue until July 1,2021.

ADDITIONAL COST:

No additional cost.

PURPOSE:

The purpose of this action is to prepare for the termination of the BS degree in Plant and Environmental Protection Sciences by stopping admission to the degree program but allowing existing students to complete their degree.

David Lassner April 26, 2016 Page 2

BACKGROUND INFORMATION:

Under Board of Regents policy Chapter 5: Academic Affairs, Section 5-1: Instructional Programs, Paragraph F, an admission stop-out to a program for more than two years is delegated to the President.

The BS in Plant and Environmental Protection Sciences degree program has been operating since 2001. In the past 15 years, enrollment in that program has never reached 30, and the program routinely is classified as a "small program." The faculty in Plant and Environmental Protection Sciences will offer courses in plant protection in an expanded Tropical Plant and Soil Sciences undergraduate program.

ACTION RECOMMENDED:

It is recommended that admission to the BS in Plant and Environmental Protection Sciences be stopped-out for the period beginning with the approval of this request and continuing until July 1, 2021.

APPROVED DISAPPROVED

David Lacener

20 May 2016 Date

c: Risa E. Dickson, Executive Vice President for Planning and Policy Mark Wright, Chair



Colleges of Arts and Sciences **College of Natural Sciences** Office of the Dean

DATE:

5 December 2016

TO:

Rachel Novotny

Interim Dean

College of Tropical Agriculture and Human Resources for 9. The

FROM:

Tom A. Ranker

Interim Associate Dean College of Natural Sciences

SUBJECT:

New Name for TPSS

The College of Natural Sciences is in support of changing the name of the Department of Tropical Plants and Soil Sciences to the Department of Tropical Agriculture and the Environment.



MEMORANDUM

To: Rachel Novotny

Interim Dean, College of Tropical Agriculture and Human Resources

Chilus DTonfon

From: Andrew Taylor

Chair, Department of Biology

Date: 1 December 2016

Re: program name change

I support the proposal to change the name of the TPSS undergraduate program to Tropical Agriculture and the Environment. Helen Spafford and I discussed the plans for this renamed program. I share her expectation that this change will be beneficial to the program and its students, as well as to the TPSS and PEPS departments.



DEPARTMENT OF BOTANY 3190 MAILE WAY, ROOM 101 UNIVERSITY OF HAWATI AT MANOA HONOLULU, HAWATI 96822 USA

DATE:

22 November 2016

TO:

Rachel Novotny

Interim Dean of the College of Tropical Agriculture and Human Resources

FROM:

Alison Sherwood

Chair, Department of Botany

RE:

Support for naming of PEPS/TPSS undergraduate program

I am writing to express my support for the proposed name for the new, merged undergraduate program in PEPS/TPSS – "Tropical Agriculture and the Environment". The name has no conflict with the undergraduate degree programs of the Department of Botany, College of Natural Sciences.



Princess Soares <pfrederi@hawaii.edu>

Fwd: TAE

Stuart Lau <stuartl@hawaii.edu>

To: Princess Soares <pfrederi@hawaii.edu>

Fri, May 26, 2017 at 12:58 PM

-- Forwarded message ---

From: Helen Spafford <hspaffor@hawaii.edu>

Date: Fri, May 26, 2017 at 11:07 AM

Subject: Re: TAE

To: Stuart Lau <stuartl@hawaii.edu>

Cc: Lisa Kitagawa-Akagi < lkitagaw@hawaii.edu>, Anna Wieczorek < ania@hawaii.edu>

I think the agroecology one would be the most appropriate.

CIP Code 01.0308

Title: Agroecology and Sustainable Agriculture.

On Fri, May 26, 2017 at 10:41 AM, Stuart Lau <stuartl@hawaii.edu> wrote:

Hi All,

Can you take a look at the possible codes that can be assigned to the TAE program. Please let me know which would be the most appropriate. Note: The CIP codes is used by the US Department of Education with a scheme that supports the accurate tracking and reporting of fields of study.

Thanks, Stuart

- Forwarded message -

From: Princess Soares <pfrederi@hawaii.edu>

Date: Fri, May 26, 2017 at 9:52 AM

Subject: Re: TAE

To: Stuart Lau <stuartl@hawaii.edu>

Aloha Stuart,

Thank you for following up with me about the CIP code.

There was no CIP code that matched the program perfectly. So, I will be needing assistant from the department. Here are the CIP codes that it has been narrowed down to, along with my recommendation.

CIP Code 01.0308

Title: Agroecology and Sustainable Agriculture.

Definition: A program that focuses on agricultural principles and practices that, over the long term, enhance environmental quality, make efficient use of nonrenewable resources, integrate natural biological cycles and controls, and are economically viable and socially responsible; and that may prepare individuals to apply this knowledge to the solution of agricultural and environmental problems. Includes instruction in principles of agroecology, crop and soil sciences, entomology, horticulture, animal science, weed science and management, soil fertility and nutrient cycling, applied ecology, agricultural economics, and rangeland ecology and watershed management.

This CIP code is also used for the CO in Sustainable Agriculture (AGSU) at Windward CC. It has also been used to label the Sustainable Community Food System concentration at UH West Oahu.

Key phrases that are in the program description, include:

- better food systems
- sustainable food-production systems
- · reduced environmental impact

These key phrases matches the CIP definition of focusing on "prepare individuals to apply this knowledge to the solution of agricultural and environmental problems." This CIP is my recommendation because of the impact that agriculture will have on environment quality and creating sustainable food supply.

CIP Code 01.1102

Title: Agronomy and Crop Science.

Definition: A program that focuses on the chemical, physical, and biological relationships of crops and the soils nurturing them. Includes instruction in the growth and behavior of agricultural crops, the development of new plant varieties, and the scientific management of soils and nutrients for maximum plant nutrition, health, and productivity.

This CIP will be new to the UH system and is a branch under plant sciences.

CIP Code 01.1105

Title: Plant Protection and Integrated Pest Management.

Definition: A program that focuses on the application of scientific principles to the control of animal, insect and weed infestation of domesticated plant populations and other settings, including agricultural crops; the prevention/reduction of attendant economic loss; and the control of environmental pollution and degradation related to pest infestation and pest control measures. Includes instruction in entomology, applicable animal sciences, plant pathology and physiology, weed science, crop science, and environmental toxicology.

This CIP code is used for the former PEPS program.

Please let me know which would be the best fit from the program point of view. Most likely, that will be the CIP code used.

Mahalo, Princess

On Fri, May 26, 2017 at 8:42 AM, Stuart Lau <stuartl@hawaii.edu> wrote:

Looks like this is the extent of the information that is available at this time. Would you be able to let me know what the CIP code will be. OVCAA is working on a report and needs to provide this information.

Thanks, Stuart

On Tue, May 16, 2017 at 12:43 PM, Stuart Lau <stuartl@hawaii.edu> wrote: part 1 of the response from department

From: Robert Paull <paull@hawaii.edu>
Date: Tue, May 16, 2017 at 11:31 AM

Subject: Re: TAE

To: Lisa Kitagawa-Akagi < lkitagaw@hawaii.edu>

Cc: Stuart Lau <stuartl@hawaii.edu>, "Wieczorek, Anna" <ania@hawaii.edu>, Helen Spafford

<hspaffor@hawaii.edu>

Dear Lisa and Stuart,

This is still a work in progress. Similar material is to appear in catalogue as on the web-pages.

As the program crosses two departments there are questions as to how the joint program is to be described.

Attached is a draft that is still under-construction.

Robert

On 16 May 2017 at 11:02, Lisa Kitagawa-Akagi <lkitagaw@hawaii.edu> wrote: Hi Stuart.

I don't know the answer to your question, but I have CCed Ania (associate dean), Robert (TPSS chair) and Helen (PEPS chair and TAE curriculum committee chair).

One of them should be able to provide you with the answer you need.

Lisa

On Tue, May 16, 2017 at 10:40 AM, Stuart Lau <stuartl@hawaii.edu> wrote:

Hi,

For the new major Trop Agriculture & Environment, would you have the description that will appear in the catalog. A CIP code needs to be assigned to the major and this will facilitate the process.

Thanks, Stuart

Stuart Lau
University Registrar
Office of the Registrar
University of Hawaii at Manoa

Ph: 808 956-8010

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Lisa Kitagawa-Akagi

Student Services Specialist

Academic and Student Affairs Office

College of Tropical Agriculture and Human Resources (CTAHR)

3050 Maile Way, Gilmore 210A

Honolulu, HI 96822

Phone: 808.956.6733 Fax: 808.956.3706

Website: http://www.ctahr.hawaii.edu

Advising Website: http://www.ctahr.hawaii.edu/ugadvising Advising Appointment: https://ctahradv.youcanbook.me/

"Invite joy, anticipate joy, plan for joy, delight in joy. Try to find joy, whatever the situation."

https://mail.google.com/mail/u/0/?ui=2&ik=ffdf32840c&view=pt&msg=15c470383f2d5ab3&search=inbox&dsqt=1&siml=15c470383f2d5ab3

3/5

Robert E. Paull
Tropical Plant & Soil Sciences
College of Tropical Agriculture & Human Resources
University of Hawaii at Manoa
3190 Maile Way, Room #102
Honolulu, HI, 96822
Telephone: 808 956 7369

Telephone: 808 956 7369 TeleFax: 808 956 3894

http://manoa.hawaii.edu/ctahr/tpss/faculty?id=35

Stuart Lau University Registrar Office of the Registrar University of Hawaii at Manoa Ph: 808 956-8010

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Princess Soares

Institutional Research Analyst Institutional Research and Analysis University of Hawai'i System Sinclair Annex 1, Room 1 1633 Bachman Place Honolulu, HI 96822

Phone: 808-956-5464 Fax: 808-956-9870

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University Registrar
Office of the Registrar
University of Hawaii at Manoa
Ph: 808 956-8010

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Regards,

Helen Spafford, Ph.D. Associate Professor and Chair Department of Plant and Environmental Protection Sciences University of Hawaii, Manoa

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	w)	



Re: Request to change degree name from Bachelor of Science in Tropical Plant & Soil Sciences to Bachelor of Science in Tropical Agriculture & the Environment

1 message

Stuart Lau <stuartl@hawaii.edu>
To: Jodi Chee <jodichee@hawaii.edu>
Co: Stuart Lau <stuartl@hawaii.edu>

Mon, Feb 27, 2017 at 1:49 PM

Hi Jodi,

I am working on have the new code created in Banner. In order to request to have a new code created, the following needs to be clarified or confirmed:

Degree to be awarded: Bachelor of Science (code and description already exists)

College to be designated as CTAHR (already exists)

Department to be designated as: Will it be TPSS or PEPS or some other name

Field of Study (i.e. major).

"Tropical Agriculture and the Environment" is 40 characters. The description needs to be shortened by 10 characters to 30 characters.

Need a code (four character maximum) to identify major. "TAE" is available.

Need the following program information:

- 1. Length of program in years. Confirm that it is 4 years.
- 2. Minimum number of credits required. Confirm that it is 120 credits.
- 3. Required semesters (Fall/Spring/Summer/Extension)
- 4. Is 50% of the program offered at a location other than the home campus.

Need to identify students to move to new program.

Need to identify courses that require changes to course restrictions or prerequisites.

Any information you are able to provide is appreciated.

Thanks, Stuart

On Thu, Feb 16, 2017 at 1:11 PM, Jodi Chee <jodichee@hawaii.edu> wrote:

Dear Chairs Paull and Spafford,

Attached, please find the approved memo "Request to change degree name from Bachelor of Science in Tropical Plant and Soil Sciences to Bachelor of Science in Tropical Agriculture and the Environment. This will serve as your official document, as the original will be kept in the OVCAA files.

Thank you,

Jodi Chee

Institutional Support

Assistant to the Associate Vice Chancellor for Academic Affairs

Office of the Vice Chancellor for Academic Affairs

2500 Campus Road, Hawai'i Hall 209

Honolulu, HI 96822

Phone: 808-956-7486

Fax: 808-956-7155

Stuart Lau
University Registrar
Office of the Registrar
University of Hawaii at Manoa
Ph: 808 956-8010

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Request to change degree name from Bachelor of Science in Tropical Plant & Soil Sciences to Bachelor of Science in Tropical Agriculture & the Environment

1 message

Jodi Chee <jodichee@hawaii.edu>

Thu, Feb 16, 2017 at 1:11 PM

To: Helen Spafford hspaffor@hawaii.edu, paull@hawaii.edu

Cc: novotnyr@ctahr.hawaii.edu, risad@hawaii.edu, Ronald Cambra <cambra@hawaii.edu>, Stella Hieda <stella@hawaii.edu>, iboshi@hawaii.edu, Stuart Lau <stuartl@hawaii.edu>, Diane Nakashima <dianena@hawaii.edu>, Wendy Pearson pearsonw@hawaii.edu>

Dear Chairs Paull and Spafford,

Attached, please find the approved memo "Request to change degree name from Bachelor of Science in Tropical Plant and Soil Sciences to Bachelor of Science in Tropical Agriculture and the Environment. This will serve as your official document, as the original will be kept in the OVCAA files.

Thank you,

Jodi Chee

Institutional Support

Assistant to the Associate Vice Chancellor for Academic Affairs

Office of the Vice Chancellor for Academic Affairs

2500 Campus Road, Hawai'i Hall 209

Honolulu, HI 96822

Phone: 808-956-7486

Fax: 808-956-7155

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Re: Request to change degree name from Bachelor of Science in Tropical Plant & Soil Sciences to Bachelor of Science in Tropical Agriculture & the Environment

1 message

Anna Wieczorek <ania@hawaii.edu>

Thu, Mar 2, 2017 at 9:26 AM

To: Jodi Chee <jodichee@hawaii.edu>, Stuart Lau <stuartl@hawaii.edu>

Cc: Lisa Kitagawa-Akagi <KitagawaL@ctahr.hawaii.edu>, "Spafford, Helen" <hspaffor@hawaii.edu>, "Robert E. Paull" <paull@hawaii.edu>, Lydia Gerakas <AcadAff@ctahr.hawaii.edu>

Aloha Jodi,

Here's the information you asked for

- Degree to be awarded: Bachelor of Science (code and description already exists)
- College to be designated: CTAHR (already exists)
- Department to be designated: TPSS
- Field of Study (i.e. major): Trop Agriculture & Environment
- Need a code (four character maximum) to identify major: TAE
- Length of program in years: 4 years.
- Minimum number of credits required. 120 credits.
- Required semesters (Fall/Spring/Summer/Extension): Fall/Spring are required, Summer/Extension are optional.
- 50% of the program offered at a location other than the home campus: NO
- Need to identify students to move to new program: Students currently in TPSS and PEPS will not be moved to the
 new TAE program unless they request to be moved. If students request to be moved, the CTAHR academic advisors
 will submit the "curriculum transfer form" to the Records Office. Students admitted for the fall 2017 semester
 should be automatically put into the TAE program, since the TPSS and PEPS undergraduate curriculum is not
 admitted new students as of the fall 2017 semester.
- · Need to identify courses that require changes to course restrictions or prerequisites: None at this point

Thank you for your help, Ania

Ania Wieczorek, PhD.

Interim Associate Dean for Academic and Student Affairs College of Tropical Agriculture and Human Resources 3050 Maile Way, Gilmore Hall 211 University of Hawai'i at Mānoa Honolulu, HI 96822-2231

Phone: 808-956-6997 Fax: 808-956-3706

Principal Investigator and Director Gene-ius Day Program http://www.ctahr.hawaii.edu/geneius-day/

On Feb 27, 2017, at 2:57 PM, Jodi Chee <jodichee@hawaii.edu> wrote:

Hi Dr. Wieczorek.

We received the following email from University Registrar, Stuart Lau. I have highlighted in yellow items that needs to be addressed and provided answers to. Could you please review those below and reply all?

ŧ

Thank you for your assistance.

Jodi Chee
Institutional Support
Assistant to the Associate Vice Chancellor for Academic Affairs
Office of the Vice Chancellor for Academic Affairs
2500 Campus Road, Hawai'i Hall 209
Honolulu, HI 96822
Phonol 808 056 7486

Phone: 808-956-7486 Fax: 808-956-7155

From: Stuart Lau [mailto:stuartl@hawaii.edu]
Sent: Monday, February 27, 2017 1:50 PM
To: Jodi Chee <<u>iodichee@hawaii.edu</u>>
Cc: Stuart Lau <<u>stuartl@hawaii.edu</u>>

Subject: Re: Request to change degree name from Bachelor of Science in Tropical Plant & Soil Sciences

to Bachelor of Science in Tropical Agriculture & the Environment

Hi Jodi,

I am working on have the new code created in Banner. In order to request to have a new code created, the following needs to be clarified or confirmed:

Degree to be awarded: Bachelor of Science (code and description already exists) College to be designated as CTAHR (already exists)

Department to be designated as: Will it be TPSS or PEPS or some other name

Field of Study (i.e. major).

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Need a code (four character maximum) to identify major. "TAE" is available.

Need the following program information:

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- 2. Minimum number of credits required. Confirm that it is 120 credits.
- 3. Required semesters (Fall/Spring/Summer/Extension)
- 4. Is 50% of the program offered at a location other than the home campus.

Need to identify students to move to new program.

Need to identify courses that require changes to course restrictions or prerequisites.

Any information you are able to provide is appreciated.

Thanks, Stuart

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Dear Chairs Paull and Spafford,

			4

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Thank you,

Jodi Chee **Institutional Support** Assistant to the Associate Vice Chancellor for Academic Affairs Office of the Vice Chancellor for Academic Affairs 2500 Campus Road, Hawai'i Hall 209 Honolulu, HI 96822

Phone: 808-956-7486 Fax: 808-956-7155

Stuart Lau University Registrar Office of the Registrar University of Hawaii at Manoa

Ph: 808 956-8010

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