N REPLACE PROGRAM CODE

> Form #CR-AP2 Modified June 2017

Date: January 16, 2019

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Code Request Form for Academic Programs

University of Hawai'i

REQUESTO	R CONT	ACT INFORMAT	IUN												
Name	Stuart La	au			_	Cam	pus	Mānoa, UH							
Title	Registra	г			_	Ema	il	stuart	l@haw	/aii.e	du				
Office/Dept	Office of	the Registrar			-	Phor	ne	956-5	322						
Institution	MAN - U UG - Un	dergraduate Code (Max. Characters) (2) 11 (4) ERTH (6) BA	Scł Ear Bac	n of Ocean th Science: chelor of Ar	& E s ts	cription Earth S	tive n Sci&T	ech	MAN Spring	g 20 Ch	19 eck i See See	<mark>anoa</mark> f reque Banne Banne Banne	r form r form	ז STVC STVD STVD	OLL EPT
Major		(4) <u>EES</u>	En	vironmental	i Ea	arth So	ienc	e		\mathbf{X}	See	Banne	r form	I STVN	1AJR
Concentration	n	(4)									See	Banne	r form	I STVM	1AJR
Minor		(4)									See	Banne	r <mark>form</mark>	i STVM	1AJR
Justification t	o warrant	a new major/conce	ntrat	ion code sin	nila	nr to an	exist	ting ma	ajor/co	ncen	trati	on code	2: 		
Is this major/	concentra	tion code being use	d the	same way a	at tl	he oth	er UH	l camp	uses?				Yes	\boxtimes	No
	-	available for applica s, student may select the				-		ourse	of stud	y on	the	\boxtimes	Yes		No
RULES PER	TAINING	TO FINANCIAL	AID	AND 150	%	DIREC	CT S	UBSID	IZED	LOA	N L	IMIT	LEGI	SLAT	ON
Is 50% or grea Campus?	ater of the	classes in this prog	ram o	offered at a	loca	ation o	ther	than th	ne Hom	e			Yes	\boxtimes	No
Is this program	m/major/o	certificate financial a	aid eli	igible?								\boxtimes	Yes		No
program)? <i>See <u>http://www.ifa</u></i> Program Leng	<u>p.ed.gov/Gain</u> gth s; decimals are	alify as a Gainful Em fulEmploymentinfo/index.hi e acceptable.) The length of	t <u>ml</u>								nline		Yes ears		No
Special Progra		ations ns Code Definitions on IRA	() Prov	rrom Code Rea	petri	vehnana		A [В	X	Ν	P		ΤĘ] U
Required Terr	-		\mathbf{X}	Fall		X	Sprir	ng		Sun	nme	r [Extend	led

IRAO USE ONLY: DATE RECEIVED

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

REPLACE PROGRAM CODE

EXISTING PROGRAM CODE TO REPLACE

Program Code	GEOL-BA	Program Description Geology-BA					
Institution	MAN	Campus	MAN				
College	11	Department	GG				
Level	UG						
Are current stude	ents "grandfathered" under the p	rogram code?		X	Yes		No
Should the old program code be available for use in Banner? Xes						No	
Effective Fall 2	, old program co m (ie. Fall 2014)	de will no longer be avail	able to admit or recr	uit stu	dents.		
	the online application, recruitment (SAAADMS, SAASUMI, SAAQUIK, and			dmissio	ns (effe	cts Ban	ner
Effective Fall 2	2019Spring 202,4old program co	de will no longer be avail	able to award degree	e to sti	udents.	,	
Ter	m (ie. Fall 2014)						
This will turn off modules.	the general student (effects Banner f	form SGASTDN) and academi	ic history (effects Banne	er form	SHADEG	SR) Ban	iner

ADDITIONAL COMMENTS

Replaces request for EES-BA

Replaces GEOL-BA (Stop-out, terminate)

ATTACHMENTS

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

BOR Meeting Minutes & Supporting Documents OR Memo with President's Approval, with cc to Vice President for Academic Planning and Policy.

Curriculum

Chancellor Approved: Certificates (eg. Certificate of Achievements, Certificates of Competence, Subject Certificates, Academic Subject Certificates) & Associate in Technical Studies (ATS) Degree

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

Curriculum

VERIFICATIONS

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

Registrar (Print Name)

Stuart Lau

1/31/19 Date

Signature

Finan	cial Aid	Officer
(Print	Name)	

Sighatur

lodie, Ku

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

Date

Signature

Date

NOT REQUI	IRED W	TTH REVISED M	EMO CHANGIN	G MAJOR	R NAN	AE TO	TH	ESAM	IE CONC	ENTF	RATION
University o Code Reque		ʻi for Academic Prog	grams			REP	LAC		COGRAN Form Modified	n #CR-	AP2
								Date	e: January	16, 20)19
REQUESTO		ACT INFORMAT									
Name	Stuart L			Campus	Mān	oa, U⊦	4				
Title	Registr			Email	-	tl@haw		du 🧹	/		
		of the Registrar	·	Phone	956-5	-					
ennee, sept		<u> </u>									
NEW PROG	RAM C	ODE TO CREATE									
		UH Manoa		Campus		MAN	- U	H Mar	noa		
-	UG - Ui	ndergraduate		Effective	Term	Fall 2	019				
		Code						1- 16			
		(Max. Characters)		cription			Cn	eck It n	equesting	new co	ode:
College		(2) 11	Sch of Ocean & I	Earth Sci&	Tech				anner form		
Department		(4) <u>ERTH</u>	Earth Sciences				\mathbf{X}		anner form		
Degree/Certil	ficate	(6) <u>BA</u>	Bachelor of Arts					See Ba	anner form	STVDE	GC
Major		(4) EES	Earth & Environn				\mathbf{X}	See Ba	anner form	STVM	AJR
Concentration	n	(4) EESC	Environmental E	arth Scienc	e .		\mathbf{X}	See Ba	anner form	STVM	AJR
Minor		(4)						See Ba	anner form	STVM	AJR
lf a similar ma	ajor/conc	entration code exist	s in Bann o r, please l	ist the code	2:						
Justification t	o warran	t a new major/conce	entration code simila	ar to an exis	sting m	ajor/co	ncen	tration	code:		
Is this major/	concentr	ation code being use	d the same way at t	he other U	H camp	ouses?			Yes	\boxtimes	No
•	-	e available for applic		•	course	of stud	y on	the	🛛 Yes		No
		es, student may select the G TO FINANCIAL	the second s		HDCH		104	N LIS	AIT LEGI	LATI	ON
		e classes in this prog					200000000		Yes		No
÷	m/major	/certificate financial	aid eligible?						🕅 Yes		No
		ualify as a Gainful En	-	(Title IV-eli	aihle ci	ertificat	6		Yes		No
program)?		infulEmploymentInfo/index.I	. , .	(The IV-en;	Bible c	ertificati	5				NO
Program Leng (In academic years and/or written pub	s; decimals a	are acceptable.) The length o	f the program should match	ı what is publish	hed by the	campus in	any o	nline	4 years		
Special Progra	am Desig	nations ions Code Definitions on IR.	40 Program Code Request	webpage] A [B	X	N [] P []	т []U
Required Terr	-	-	Fall	Spri	ing		Sur	nmer	- E	Extend	ed

e,

D	۸٨	I ICE	OMI	v٠	DATE		CEI	VED
IK.	AU.	USE	UNL	.т.	DAIE	: KE'	LEI	VEU

University of H Code Request F Codes	awai'i Form for Academic Program	REPL	ACE PROGRAM CODE
EXISTING PRO	GRAM CODE TO REPLACE		
Program Code	GEOL-BA	Program Description	Geology-BA
Institution	MAN	Campus	MAN
College	11	Department	GG
Level	UG		
Are current stude	ents "grandfathered" under the pr	ogram code?	🕅 Yes 🔲 No
Should the old pr	rogram code be available for use i	n Banner?	🔀 Yes 🔲 No
Effective Fall :	, old program cod (ie. Fall 2014)	de will no longer be avail	able to admit or recruit students.
	the online application, recruitment (e SAAADMS, SAASUMI, SAAQUIK, and		Al and SRAQUIK) and admissions (effects Banner
Effective Fall 2	, old program coo m (ie. Fall 2014)	de will no longer be avail	able to award degree to students.
This will turn off modules.	the general student (effects Banner f	orm SGASTDN) and academ	ic history (effects Banner form SHADEGR) Banner
ADDITIONAL (COMMENTS		

ATTACHMENTS

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BOR Meeting Minutes & Supporting Documents OR Memo with President's Approval, with cc to Vice President for Academic Planning and Policy.

Curriculum

Chancellor Approved: Certificates (eg. Certificate of Achievements, Certificates of Competence, Subject Certificates, Academic Subject Certificates) & Associate in Technical Studies (ATS) Degree

] Memo from Chancellor to Vice President for Academic Planning and Policy regarding program action.

Curriculum

VERIFICATIONS

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

Registrar (Print Name)		Financial Aid Officer (Print Name)	
Stuart Lau		Jodie Kubh	
85 R		Mulhh	1/18/19
Signature	Date	Signature	Date

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

Signature

Date

N

REPLACE PROGRAM CODE

Form #CR-AP2 Modified June 2017

Date: January 16, 2019

University	of Hawai	fi	
Code Requ	iest Førm	for Academi	c Programs

REQUESTOR CONTACT INFORMATION

Title Office/Dept				•					
Office/Dept	Regist	Registrar		Email	mail stuartl@hawaii.edu				
	t Office	of the Registrar		Phone	956-5	322			1.000
NEW PROC	GRAM (CODE TO CREAT	E						
Institution	MAN -	UH Manoa		Campus		MAN	- UH Ma	anoa	
Level	UG - U	ndergraduate	aduate		Effective Term Spri		ing 2019		
		Code (Max. Characters)	De	escription			Check if	requesting	new code
College		(2) 11	Sch of Ocean &	& Earth Sci&1	ech		See E	Banner form	STVCOLL
Department		(4) ERTH	Earth Sciences				🔀 See E	Banner form	STVDEPT
Degree/Certi	ificate	(6) <u>BA</u>	Bachelor of Arts	s			See E	Banner form	STVDEGC
Major		(4) <u>EES</u>	Environmental	Earth Scienc	e		🔀 See E	Banner form	
Concentratio	on	(4) <u>ESE</u>	Earth Science Education				🔀 See E	Banner form	STVMAJR
Minor	or (4)				See E	Banner form	STVMAJR		
lf a similar m	iajor/con	centration code exist	ts in Banner, please	e list the code	•	82			
la Abia angian									
18		ration code being use	-		•			Yes	
Should this p	orogram I	ration code being use be available for applic yes, student may select the	cants to select as tl	heir planned o	•		on the	Yes	
Should this p online applic	orogram l ation? If	be available for appli	cants to select as tl e code as their only pro	heir planned o ogram of study.	ourse o	of study		🖾 Yes	
Should this p online applic RULES PER	orogram l cation? [f] RTAININ	be available for applied by a select the sel	cants to select as the code as their only pro AID AND 150%	heir planned o ogram of study. 6 DIRECT S	COURSE O	of study	LOAN LI	🖾 Yes	
Should this p online applic RULES PER Is 50% or gre Campus?	orogram I cation? <i>If</i> TAININ eater of t	De available for applie yes, student may select the G TO FINANCIAL	cants to select as the code as their only pro AID AND 150% gram offered at a lo	heir planned o ogram of study. 6 DIRECT S	COURSE O	of study	LOAN LI	Yes	
Should this p online applic RULES PER Is 50% or gre Campus? Is this progra Does this cer program)?	orogram I cation? <i>[/</i>] RTAININ eater of t am/majoi rtificate q	be available for applia yes, student may select the G TO FINANCIAL the classes in this prop c/certificate financial ualify as a Gainful Er	cants to select as the code as their only pro AID AND 150% gram offered at a la aid eligible? nployment Program	heir planned o ogram of study. 6 DIRECT S ocation other	COURSE OF UBSID	of study	LOAN LI e	MIT LEGI	SLATION
Should this p online applic RULES PER Is 50% or gre Campus? Is this progra Does this cer program)? See http://www.ife	orogram I cation? <i>If</i> RTAININ eater of th am/major rtificate o <i>lap.ed.gov/Gu</i>	be available for applic yes, student may select the G TO FINANCIAL he classes in this prop c/certificate financial	cants to select as the code as their only pro AID AND 150% gram offered at a la aid eligible? nployment Program	heir planned o ogram of study. 6 DIRECT S ocation other	COURSE OF UBSID	of study	LOAN LI e	MIT LEGI	SLATION
Should this p online applic RULES PER Is 50% or gre Campus? Is this progra Does this cer program)? See http://www.ife Program Len	orogram I cation? // TAININ eater of th am/major rtificate o fap.ed.gov/Ge ogth rs; decimals	be available for applia yes, student may select the G TO FINANCIAL the classes in this prop c/certificate financial ualify as a Gainful Er	cants to select as the code as their only pro AID AND 150% gram offered at a lo aid eligible? nployment Program	heir planned o ogram of study. 6 DIRECT S ocation other m (Title IV-elig	course o U B S I D than th	of study	LOAN LI e	MIT LEGI	SLATION
Should this p online applic RULES PER Is 50% or gre Campus? Is this progra Does this cer program)? See <u>http://www.ife</u> Program Len (In academic year and/or written put	orogram I cation? <i>If</i> TAININ eater of the am/major rtificate of <i>ap.ed.gov/Ga</i> ogth <i>rs; decimals</i> <i>blication.</i> ram Desig	be available for applia yes, student may select the G TO FINANCIAL the classes in this prop c/certificate financial qualify as a Gainful En <u>hinfulEmploymentInfo/index.</u> are acceptable.) The length of	cants to select as the e code as their only pro AID AND 150% gram offered at a la aid eligible? mployment Program <u>html</u>	heir planned o ogram of study. 6 DIRECT S ocation other m (Title IV-elig tch what is publishe	course o U B S I D than th	of study	LOAN LI e	MIT LEGI Yes Yes Yes Yes	SLATION

IRAO USE ONLY: DATE RECEIVED

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

REPLACE PROGRAM CODE

EXISTING PROGRAM CODE TO REPLACE

Program Code	GEOL-BA	Program Description Geology-BA					
Institution	MAN	Campus	MAN				
College	11	Department	GG				
Level	UG						
Are current stude	ents "grandfathered" under the pr	ogram code?		X Ye	es		No
Should the old program code be available for use in Banner? 🛛 🕅 No							No
Effective Fall 2	, old program coo m (ie. Fail 2014)	le will no longer be avail	able to admit or recruit	t studer	nts.		
forms SAADCRV, Effective	the online application, recruitment (e SAAADMS, SAASUMI, SAAQUIK, and 2019 Spring 2024 , old program cou m (ie. Fall 2014)	SAAQUAN) Banner modules	•				ner
This will turn off modules.	the general student (effects Banner fo	orm SGASTDN) and academ	ic history (effects Banner f	orm SH/	ADEG	R) Ban	ner

ADDITIONAL COMMENTS

Replaces request to create EES-BA/ESE

ATTACHMENTS

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

BOR Meeting Minutes & Supporting Documents OR Memo with President's Approval, with cc to Vice President for Academic Planning and Policy.

Curriculum

Chancellor Approved: Certificates (eg. Certificate of Achievements, Certificates of Competence, Subject Certificates, Academic Subject Certificates) & Associate in Technical Studies (ATS) Degree

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

Curriculum

VERIFICATIONS

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

Registrar (Print Name) **Financial Aid Officer** (Print Name)

Stuart Lau

137 TOR Date Si

Signature

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Da	lahr	2/	4	19	
mature			Da	ate	-

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

Signature

Date

University of Hawai'i Code Request Form for Academic Programs

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Sound Street

REPLACE PROGRAM CODE

Form #CR-AP2 Modified June 2017

Date: January 23, 2019

REQUESTOR	CONTACT	INFORMATION
NEQUESTON.	CONTACT	

Name	Stuart Lau	Stuart Lau			Campus Mānoa, UH									
Title	Registrar	Registrar			_ E	mail	stuartl@hawaii.edu							
Office/Dept	Office of the Registrar				P	hone	956-9	5322		= 2				
NEW PROG	RAM COD	DE TO CREATE												
Institution	MAN - UH	Manoa		250 Mil 10	Ca	ampus		MAN	- UH	Man	ioa			
Level	UG - Unde	ergraduate			Ef	fective	Term	Spring	g 2019	9				
		Code (Max. Characters)		I	Descrip	tion			Cheo	ck if re	eques	ting n	ew co	ode:
College	(2) <u>11</u>	Sch	n of Ocean	& Earl	th Sci&T	Fech		🗌 s	See Ba	nner	form S	STVCC	JLL
Department	(4) ERTH	Ear	th Science	es				\boxtimes s	See Ba	nner	form S	STVD	EPT
Degree/Certif	ficate (6) <u>BS</u>	Bac	chelor of S	cience				🗌 S	See Ba	nner	form S	STVD	EGC
Major	(4) ERTH ESCI	Ear	th Science	\$				\times s	See Ba	nner	form S	STVM	AJR
Concentration	n (4)							🗌 s	See Ba	nner	form S	5TVM	AJR
Minor	(4)							🗌 S	See Ba	nner	form S	STVM	AJR
lf a similar ma	ajor/concent	ration code exists	s in Ba	anner, plea	ise list t	he code	:							
Justification to	o warrant a	new major/conce	ntrat	ion code si	milar to) an exis	ting m	najor/co	ncentr	ration	code:	:		
				st			58-3.4							
Is this major/	concentratio	on code being use	d the	same way	at the o	other Ul	l cam	puses?				Yes	\boxtimes	No
Should this pr	rogram be av	vailable for applic	ants t	o select as	their p	lanned (course	ofstud	y on th	he	\bowtie	Yes		No
online applica	ation? If yes, s	student may select the	code d	as their only p	orogram (of study.								
RULES PER	TAINING T	O FINANCIAL	AID	AND 150	9% D1	RECT S	UBSI	DIZED	LOAM	N LIN	IT L	EGIS	LATI	ON
ls 50% or grea Campus?	ater of the c	lasses in this prog	ram o	offered at a	locatio	on other	than t	the Horr	ie			Yes	\boxtimes	No
Is this program	m/major/ce	rtificate financial a	aid eli	igible?							\boxtimes	Yes		No
Does this cert	tificate quali	fy as a Gainful Em	ployr	ment Progr	am (Tit	le IV-eli	gible c	ertificat	e			Yes	\boxtimes	No
program)? See <u>http://www.ifa</u> j	p.ed.gov/Gainful	EmploymentInfo/index.h	<u>tml</u>											
Program Leng (In academic years and/or written pub	s; decimals are a	cceptable.) The length of	f the pro	ogram should n	natch wha	t is publish	ed by the	e campus in	1 any onl	line	4 yea	ars		
Special Progra		ions Code Definitions on IRA	IO Prog	zram Code Req	uest webp	age] A [B] P	٦ 🛄		U
Required Terr	ms of Enrolli	nent	X	Fall	\mathbf{X}	Spri	ng		Sumi	mer] E>	ktend	ed

IRAO USE ONLY: DATE RECEIVED

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

REPLACE PROGRAM CODE

2.5

EXISTING PROGRAM CODE TO REPLACE

Program Code	GG-BS	Program Description	Geology & Geophysics - BS				
Institution	MAN	Campus	MAN				
College	11	Department	GG				
Level	UG						
Are current stude	nts "grandfathered" und	er the program code?		×	Yes		No
Should the old pr	ogram code be available t	for use in Banner?		X	Yes		No
Effective Fall 2	019 , old pro	gram code will no longer be avail	able to admit or rec	cruit stu	idents.		
Ter	m (ie. Fall 2014)						
		itment (effects Banner forms SRASUN UIK, and SAAQUAN) Banner modules.		admissic	ons (effe	cts Ban	ner
Effective Fall 2	total Spring 2024	gram code will no longer be avail	able to award degre	ee to st	udents.	•	
Teri	m (ie. Fall 2014)						

This will turn off the general student (effects Banner form SGASTDN) and academic history (effects Banner form SHADEGR) Banner modules.

ADDITIONAL COMMENTS

Replaces request to create EES-BS

ATTACHMENTS

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

BOR Meeting Minutes & Supporting Documents OR Memo with President's Approval, with cc to Vice President for Academic Planning and Policy.

Curriculum

Chancellor Approved: Certificates (eg. Certificate of Achievements, Certificates of Competence, Subject Certificates, Academic Subject Certificates) & Associate in Technical Studies (ATS) Degree

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

Curriculum

VERIFICATIONS

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

Registrar (Print Name)		Financial Aid Officer (Print Name)	•	For Community Co verification of cons OVPCC Academic A	sultation with
Stuart Lau		Jodie Kub	G	Suzette Robinson	
BR	1/31/19	Mhh	2/4/19		
Signature	Date	Signature	Date	Signature	Date
				Form mo	dified: June 2017

REPLACED WITH ESCI-B	S (ORIGINALLY SUBMIT AS BS-F	ERTH) REQUEST
University of Hawai'i		EPLACE PROGRAM CODE Form #CR-AP2
Code Request Form for Academic Progra	ams	Modified June 2017
	CIT .	Modified Julie 2017
		Date: January 16, 2019
REQUESTOR CONTACT INFORMATIC Name Stuart Lau	ON FEST	
Name Stuart au		
Name Stuart Lau	Campus Mānoa,	
		hawaii.edu
Office/Dept Office of the Registrar	Phone956-5322	
NEW PROGRAM CODE TO CREATE		
Institution MAN - UH Manoa	'	AN - UH Manoa
Level UG - Undergraduate	Effective Term Fa	all 2019
Code	Description	Check if requesting new code:
(Max. Characters) College (2) 11	Sch of Ocean & Earth Sci&Tech	See Banner form STVCOLL
(-/	Earth Sciences	See Banner form STVDEPT
· · · · · · · · · · · · · · · · · · ·	Bachelor of Science	See Banner form STVDEGC
	Earth & Environmental Sciences	See Banner form STVMAJR
Concentration (4)		See Banner form STVMAJR
Minor (4)		See Banner form STVMAJR
If a similar major/concentration code exists i	n Banner, please list the code:	
Justification to warrant a new major/concen		/concentration code:
Is this major/concentration code being used,	the same way at the other UH campuse	s? Yes 🛛 No
Should this program be available for applicar		
online application? If yes, student may select the co	-	
RULES PERTAINING TO FINANCIAL A	ID AND 150% DIRECT SUBSIDIZI	ED LOAN LIMIT LEGISLATION
Is 50% or greater of the classes in this progra Campus?	Im offered at a location other than the F	lome 🗌 Yes 🔀 No
Is this program/major/certificate financial aid	d eligible?	🛛 Yes 🗌 No
Does this certificate qualify as a Gainful Emp program)?		icate 🗌 Yes 🔀 No
See http://www.ifap.ed.gev/GainfulEmploymentInfo/index.htm	1	
Program Length (In academic years; decimals are acceptable.) The length of th and/or written publication.	he program should match what is published by the camp	ous in any online 4 years
Special Program Designations See Special Program Designations Code Definitions on IRAO	الميسا المراجع	B 🗙 N 🛄 P 🛄 T 🗍 U
Required Terms of Enrollment	🗙 Fall 🔀 Spring [Summer Extended
	IR/	AO USE ONLY: DATE RECEIVED

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R	EPLACED WITH ESCI-BS (C	ORIGINALLY SUBMIT	Г AS BS-ERTH) REQUEST				
and the second se	awari Form for Academic Program	REPLACE PROGRAM CODE					
Codes							
EXISTING PRO	GRAM CODE TO REPLACE						
Program Code	GG-BS	Program Description	Geology & Geophysics - B	IS			
Institution	MAN	Campus	MAN				
College	11	Department	GG				
Level	UG						
Are current stude	ents "grandfathered" under the pr	ogram code?	🗵 Ye	es 🔲 No			
Should the old pr	rogram code be available for use in	n Banner?	🗵 Ye	es 🔲 No			
Effective Fall 2	, old program coo	de will no longer be avail	able to admit or recruit studen	its.			
	the online application, recruitment (e SAAADMS, SAASUMI, SAAQUIK, and			effects Banner			
	, old program cod (ie. Fall 2014)	de will no longer be avail	able to award degree to stude	nts.			
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🗌 Curriculum 🦯

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Registrar (Print Name)

Stuart Lau

Signature

Date

Financial Aid Officer (Print Name)

odie Kuba 118 Signature Date

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

Signature

Date

University of Hawai'i Code Request Form for Academic Programs

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REPLACE PROGRAM CODE

Form #CR-AP2 Modified June 2017

IRAO USE ONLY: DATE RECEIVED

Date: January 16, 2019

Name	R CONTACT INFORM Stuart Lau		Comput	Mānoa, U	н			
			Email	-				-
Title	Registrar			stuartl@hawaii.edu				-
Office/Dept	Office of the Registrar		Phone	956-5322				—
	RAM CODE TO CRE	NTF						
	MAN - UH Manoa		Campus	МАМ	N - UH Mar	noa		
•	GR - Graduate		•	Term Fall				
LEVEI	Code							
	(Max. Character	s) De:	scription		Check if r	equesting r	iew co	de:
College	(2) 50	Graduate Divisio	on		🗌 See Ba	inner form	STVCO	LL
Department	(4) ERTH	Earth Sciences			🔀 See Ba	nner form	STVDE	PT
Degree/Certi	ficate (6) MS	Master of Science	ce		🗌 See Ba	nner form	STVDE	GC
Major	(4) EPS	Earth and Plane	tary Science	es	🔀 See Ba	nner form	STVMA	NR
Concentratio	n (4)				🔲 See Ba	anner form	STVMA	4JR
Minor	(4)				See Ba	anner form	STVMA	٩JR
If a similar ma	ajor/concentration code e	xists in Banner, please	list the code	1:				
Is this major/	concentration code being	used the same way at	the other UI	H campuses?		Yes	\boxtimes	No
•	rogram be available for ap ation? If yes, student may selec	•	•	course of stu	dy on the	🛛 Yes		No
RULES PER	TAINING TO FINANCI	AL AID AND 150%	DIRECT S	UBSIDIZED	LOAN LIN	AIT LEGIS	LATIC	N
Is 50% or greater Campus?	ater of the classes in this	program offered at a lo	cation other	than the Ho	me	Yes	[X]	No
Is this progra	m/major/certificate finan	cial aid eligible?				🛛 Yes		No
Does this cer	tificate qualify as a Gainfu	I Employment Program	ı (Title IV-elig	gible certifica	te	Yes	\boxtimes	No
program)? See <u>http://www.ifa</u>	p.ed.gov/GainfulEmploymentInfo/ir	<u>dex.html</u>		-			_	
Program Leng (In academic year, and/or written pub	s; decimals are acceptable.) The let	ngth of the program should matc	h what is publish	ed by the campus	in any online	4 years		
Special Progr	am Designations am Designations Code Definitions of	on IRAO Program Code Reauesi	t webpage] A 🔲 B	X N] P	т	U
	ms of Enrollment	🗙 Fall	🗙 Spri	ng 🗌	Summer	E	xtende	ed

University of H Code Request F Codes	awai'i Form for Academic Program	REPLACE PROGRAM CODE						
EXISTING PRO	GRAM CODE TO REPLACE							
Program Code	GG-MS	Program Description	Geology & Geoph	nysics	-MS			
Institution	MAN	Campus	MAN					
College	50	Department	GG					
Level	GR							
Are current stud	ents "grandfathered" under the p	rogram code?		X	Yes		No	
Should the old p	rogram code be available for use i	n Banner?		X	Yes		No	
	2019 , old program coo rm (ie. Fall 2014)	de will no longer be avail	able to admit or recr	uit stu	idents.			
	the online application, recruitment (e SAAADMS, SAASUMI, SAAQUIK, and	SAAQUAN) Banner modules	•				ner	
Effective 1 and	2019- Spring 2024 rm (ie. Fall 2014)	de will no longer be avail	able to award degree	e to sti	udents.	•		
This will turn off modules.	the general student (effects Banner fo	orm SGASTDN) and academ	ic history (effects Banne	er form	SHADEC	GR) Bar	ner	

ADDITIONAL COMMENTS

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ALIA		ENTS

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

BOR Meeting Minutes & Supporting Documents OR Memo with President's Approval, with cc to Vice President for Academic Planning and Policy.

Chancellor Approved: Certificates (eg. Certificate of Achievements, Certificates of Competence, Subject Certificates, Academic Subject Certificates) & Associate in Technical Studies (ATS) Degree

Memo from Chancellor to Vice President for Academic Planning and Policy regarding program action. ł

Curriculum

VERIFICATIONS

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

Registrar (Print Name)

(Print Name)

Signature

Stuart Lau

Signature

	D	a	te

Financial Aid Officer

odie Kuba 118

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

Signature

Date

Date

University of Hawai'i Code Request Form for Academic Programs

8 E 10

REPLACE PROGRAM CODE

Form #CR-AP2 Modified June 2017

Date: January 16, 2019

REQUESTOR	CONTACT	INFORM	ATION
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Name	Stuart Lau	Stuart Lau			Campus Mānoa, UH				
Title	Registrar			Email	stuartl@hawaii.edu				
Office/Dept	Office of the Re	gistrar		Phone	956-532	22			
NEW PROG	RAM CODE TO	O CREATE							
Institution	MAN - UH Mai	noa		_ Campus	<u>N</u>	MAN - UH	H Manoa		
Level	GR - Graduate	;		Effective	Term F	Fall 2019			
	154-	Code (x. Characters)	2.	Description		Che	eck if reques	ting ne	ew code:
College	(2) 50	•	Graduate Div	ision			See Banner	form S	TVCOLL
Department	(4) ER		Earth Science				See Banner		
Degree/Certif			Doctor of Phi	losophy			See Banner	form S	TVDEGC
Major				anetary Science	es				
Concentration							See Banner	form S	TVMAJR
Minor	(4)						See Banner	form S	TVMAJR
If a similar ma	ajor/concentratio	n code exists in	Banner, plea	ase list the code	:				
Justification t	o warrant a new i	major/concent	ration code si	imi <mark>lar</mark> to an exis	ting majo	or/concent	tration code	:	
Is this major/	concentration co	de being used t	he same way	at the other U	H campus	ses?		Yes	🔀 No
Should this pr	rogram be availab	le for applican	ts to select as	their planned	course of	study on t	the 🛛	Yes	No No
	ntion? If yes, student	_							
RULES PER	TAINING TO FI	NANCIAL AI	D AND 150	0% DIRECT S	UBSIDI	ZED LOA	N LIMIT L	EGISL	ATION
ls 50% or grea Campus?	ater of the classes	in this program	n offered at a	a location other	than the	Home		Yes	🛛 No
Is this program	m/major/certifica	te financial aid	eligible?				\boxtimes	Yes	No No
program)?	ificate qualify as	·	oyment Prog	ram (Title IV-eliį	gible cert	ificate		Yes	🔀 No
	p.ed.gov/GainfulEmploy	mentInfo/index.html							
Program Leng (In academic years and/or written pub	; decimals are acceptat	ble.) The length of the	program should	match what is publish	ed by the car	mpus in any or	^{nline} 4 ye	ars	
· · · · ·	am Designations am Designations Code L	Definitions on IRAO 1	Program Code Red	uuest webmae] A 🔲	BX	N 🔲 P	Т	Ο []
-	ms of Enrollment	Z	S Fall	🔀 Spri	ng	Sum	nmer [_ Ex	tended

IRAO USE ONLY: DATE RECEIVED

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

REPLACE PROGRAM CODE

EXISTING PROGRAM CODE TO REPLACE

Program Code	GG-MS VHD	Program Description	Geology & Geophysics-MS PHP.			
Institution	MAN	Campus	MAN			
College	50	Department	GG			
Level	GR					
Are current stude	nts "grandfathered" under the pr	ogram code?	X	Yes		No
Should the old pre	ogram code be available for use ir	n Banner?	\mathbf{X}	Yes		No
Effective Fall 2	, old program coc m (le. Fall 2014)	le will no longer be avail	able to admit or recruit st	udents.		
This will turn off to forms SAADCRV, Effective Fall 2 Ten	the online application, recruitment (e, SAAADMS, SAASUMI, SAAQUIK, and S 2019 Spring 2024 , old program coc m (ie. Fall 2014)	SAAQUAN) Banner modules. le will no longer be avail	able to award degree to s	tudents		
This will turn off t modules.	the general student (effects Banner fo	orm SGASTDN) and academi	c history (effects Banner forr	n SHADE(3R) Ban	ner

ADDITIONAL COMMENTS

ATTACHMENTS

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

BOR Meeting Minutes & Supporting Documents OR Memo with President's Approval, with cc to Vice President for Academic Planning and Policy.

Curriculum

Chancellor Approved: Certificates (eg. Certificate of Achievements, Certificates of Competence, Subject Certificates, Academic Subject Certificates) & Associate in Technical Studies (ATS) Degree

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

Curriculum

VERIFICATIONS

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

Registrar (Print Name)

Stuart Lau

×

Signature

- 10

Financial Aid Officer (Print Name)

Signature

odie Kuba 1/18

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

Signature

Date

Date

NOT REQUIRED, ERTH ALREADY EXISTS AS DEPT & MAJOR.

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In Banner NEW OR MODIFIED SUBJECT CODE Date: January 15, 2019 Requestor Contact INFORMATION Date: Name Stuart Lau Title Registrar Office/Dept Office of the Registrar Phone 956-5322 New Subject Code Use at INSTITUTION Modify Subject Code Use at INSTITUTION Institution Manoa Code Description (Max. Characters) (Be characters mad) College (2) (2) 11 Sch of Ocean & Earth Sci&Tech See Banner form STVOLK Department (4) ERTH Earth Sciences Subject (4) ENH workit appropriate campus approval (i.e. Campus Curriculum Committee, Vice Chancellor for Academic Affairs, etc.) VERIFICATIONS Signature Registrar: Signature Stant Lau January 15, 2019 Print Name Signature Financial Aff Officer: January 15, 2019 Attact Signature But Kubba January 15, 2019 Date Signature <td>IRAO (</td> <td>OFFICE USE</td> <td></td> <td></td> <td></td> <td></td> <td></td>	IRAO (OFFICE USE					
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ب For Community Colleges, verification of consultation with OVPCC Academic Affairs:	Print Name			Signatµre			Date
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Date

UNIVERSITY OF HAWAI'I AT MĀNOA

School of Ocean and Earth Science and Technology Department of Earth Sciences

8 5.53

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5 December 2018

MEMORANDUM

TO:	Michael Bruno
	Interim Vice Chancellor for Academic Affairs and
	Vice Chancellor for Research
VIA·	Brian Taylor Km's L

Dean of the School of Ocean and Earth Science and Technology

FROM: Paul Wessel Chair of the Department of Earth Sciences

SUBJECT: Subject name and alpha changes for Department of Earth Sciences

Following the UHM President Chancellor's Sept. 18, 2018 approval of our department name change to Earth Sciences (formerly Geology & Geophysics; GG), the department has decided to change our course subject and alpha as indicated below. Note that several of our courses are <u>cross-listed</u> with other programs, hence these programs (particular their UHM Catalog sections) will need to update their cross-listing entries to match our new alpha code. We request that our new alpha (and in three instances the course titles) be fully operational in time for the Fall 2019 semester early registration. A fourth course will be deleted.

1) We have chosen a single, new subject name and course alpha for all our courses:

Subject name: Earth Sciences Course alpha: ERTH

Please bulk replace the previous GG alpha with ERTH throughout the UHM system.

2) Three courses need to change their alphas as well as their course <u>titles</u> to better align with the new subject and graduate degree program names. UHM-2 forms for each course plus course SLOs and syllabi are attached; there are no other changes to the courses. The 600-level course is offered to incoming graduate students without an Earth Sciences undergraduate degree (such as incoming students with a physics or chemistry BS). The two 700-level courses are used for one-off topical seminars; often, several are offered per semester with different sub-titles and instructors (since contents vary I attach one recent example of syllabi and SLOs for each course):

ERTH 611 Accelerated Introduction to Earth Science ERTH 710 Selected Topics in Earth and Planetary Sciences ERTH 711 Special Topics in Earth and Planetary Sciences

3) At this time we also wish to delete GG 612 which has not been taught in 6 years; a UHM-2 form for this course is attached as well.

APPROVED/DISAPPROVED:

-10/18 Michael Bruno

Interim Vice Chancellor for Academic Affairs and Vice Chancellor for Research 1680 East-West Road. Honolulu, Hawain 96822 Telephone: (808) 956-7640. Facsimile. (808) 956-5512 An Equal Opportunity/Affirmative Action Institution

RELIVED

Michael Ng Budget Director



UNIVERSITY of HAWAI'I'

18 SEP-5 P1 55

MANDA CHANCE LOR'S OFFR E

September 5, 2018

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

FROM: Michael Ng MM M Budget Director

SUBJECT: Department Name and Degree Title Change for "Geology and Geophysics"

This is regarding the June 15, 2018 request to change the department name of "Geology and Geophysics" to "Earth Sciences". The University Budget Office is of the opinion that the proposed change in the organizational segment title presented in the above referenced Memorandum does not duplicate and will not be confused with the title of any other organization or unit within the University.

In reference to the title change to Geology's BA and BS degrees, the University Budget Office defers this matter to Academic Affairs.

If further information is needed, I can be reached at Ext. 67323 or by email at: ng23@hawaii.edu.

Attachment

2442 Campus Road Admin Sarvices Bidg 1, Room 101 Honolulu, Hawai'i 95822 Telephone: (808) 956-8071 Faic (808) 956-9002 An Equal Opportunity/Affirmative Action Institution

	_ DIS 19200
UNI	VERSITY OF HAWAI'I AT MĀNĢA
School of Ocea Department o	an and Earth Science and Techer Dept/ED RECEIVED
	18 NOV 28 P2 :26 18 NOV 30 P1 :02 27 November 2018
MEMORA	NDUM MANUCA CHANGELLONS
TO:	David Lassner PRESIDENT'S OFFICE President
VIA:	David Lassner Interim Chancellor, UH Mānoa Mind Bucero for DL
VIA:	Michael Bruno Interim Vice-Chancellor for Academic Affairs Mullen Vice-Chancellor for Research
VIA:	Brian Taylor Brian Taylor Dean of the School of Ocean and Earth Science and Technology
FROM:	Paul Wessel Chair of the Department of Earth Sciences
SUBJECT:	Request to Revise Recently Approved Undergraduate Degree Program Names

SPECIFIC ACTION REUESTED:

On behalf of the faculty of the UHM Department of Earth Sciences, I request the President to approve revised names for our two undergraduate degree programs.

<u>Recently Approved Degree Names</u> Earth and Environmental Sciences (BA) Earth and Environmental Sciences (BS) <u>Requested Revision</u> Environmental Earth Science (BA) Earth Sciences (BS) N DT 8688

RECOMMENDED EFFECTIVE DATE:

Upon approval

BACKGROUND INFORMATION:

On Sept. 18, 2018, the UH Manoa Chancellor and UH President approved three requests by our department:

- 1. Change the department name from "Geology & Geophysics" to "Earth Sciences".
- 2. Change the graduate degree program name from Geology & Geophysics" to "Earth and Planetary Sciences".
- 3. Change the <u>undergraduate degree program names</u> from "Geology & Geophysics (BS) and "Geology" (BA) to "Earth and Environmental Sciences" (for both the BA and BS).

As the result of further discussions with our colleagues in the Department of Oceanography and the Department for Urban and Regional Planning, we wish to slightly revise the undergraduate degree program names to better distinguish our program from the degree in Global Environmental Science (GES).

UNIVERSITY OF HAWAI'I AT MĀNOA

School of Ocean and Earth Science and Technology Department of Earth Sciences

Our proposed BA name "Environmental Earth Science" adds the qualifier "Earth" between "Environmental" and "Science", and this reduction in scope distinguishes the program from GES. In fact, Environmental Earth Science is what a large portion of our faculty study and our courses reflect that focus and knowledge.

ACTION RECOMMENDED:

We recommend that the President approve a revision to the recently approved undergraduate degree names from BA and BS in "Earth and Environmental Sciences" to a BA in "Environmental Earth Science" and a BS-in "Earth Sciences".

PPROVED DISAPPROVED

David Lassner President

12/6/18 Date

C: Donald Straney, Vice President for Academic Planning and Policy Stuart Lau, Registrar Diane Nakashima, Catalog Coordinator

1680 East-West Road, Honoluku, Hawai's 96822 Telephone: (808) 956-7640, Facsimile: (808) 956-5512 An Equal Opportunity/Affirmative Action Institution



Department of Geology and Geophysics School of Ocean and Earth Science and Technology

15 June 2018 15 A8 -52 P4 35

Memorandum

TO:	David Lassner MANOA GHANCHLLOR'S President OFFICE
VIA:	David Lassner Interim Chancellor, UH Manoa Dovál Sun-
VIA:	Michael Bruno Interim Vice-Chancellor for Academic Affairs Mine Bucom Vice-Chancellor for Research
VIA:	Brian Taylor Brian Taylor Dean of the School of Ocean and Barth Science and Technology
FROM:	Kenneth Rubin Chair of the Department of Geology and Geophysics / Kmt huh
SUBJECT:	Request to change the Department name and the titles of degrees in "Geology", and "Geology and Geophysics"

SPECIFIC ACTION REQUESTED:

On behalf of the faculty of the department of the UHM Department of Geology and Geophysics (GG), I request that the President (a) change the name of the Department to Earth Sciences, (b) change the titles of the undergraduate degrees currently offered by GG Department from the two current names (BA in Geology and BS in Geology and Geophysics) to a single, shared name (BA and BS in Earth and Environmental Sciences, abbreviated as EES), and (c) change the title of our graduate program name from Geology and Geophysics to Earth and Planetary Sciences. Current track names under the BA degrees (a. Earth Science Education and b. Environmental Earth Science) would not change. The proposed changes are summarized in the table below. The name changes are a critical component of strategic planning, of national disciplinary trends over the past 20 years, and of improved alignment of names and titles with what the department actually does.

Current Department name Geology and Geophysics (abbreviated GG)

Current degree + track names Geology: Earth Science Education (BA) Geology: Environmental Earth Science (BA) Geology and Geophysics (BS) Geology and Geophysics (MS, PhD)

New proposed names Earth Sciences (abbreviated ES)

New proposed names Earth and Environmental Sciences: Earth Science Education (BA) Earth and Environmental Sciences: Environmental Earth Science (BA) Earth and Environmental Sciences (BS) Earth and Planetary Sciences (MS, PhD)

RECOMMENDED EFFECTIVE DATE:

Upon approval (ideally before Fall 2019)

ADDITIONAL COST:

Nonc.

PURPOSE:

The traditional disciplines of "Geology" and "Geophysics" have changed significantly over the past several decades, broadening at their edges, and merging with aligned geoscience fields of geochemistry, geohazards, geobiology, hydrology and environmental science. In fact, all of these terms describe teaching and research conducted by GG faculty today. Because of this shift, where once Geology was a common department name at US universities, it is now quite rare. Most such programs are now called Earth Sciences, Earth and Environmental Sciences, or Geoscience. The shift started 20 years ago, and GG is late to the table, but has been thinking about this for the better part of the past decade, and made serious inroads and discussions starting 5 years ago.

Changing department name and degree titles is part of a larger strategy to update, rebrand, better align names with activities, and to increase the visibility of the GG department and its degree programs in the state, with a significant goal of increasing student enrollment and broadening perceptions of our research foci. The department name is the most simple of the common choices, and directly aligns with the "E" (Earth) in SOEST. GG is the primary home of Earth Sciences on the UHM campus.

The degree title changes will make the programs more discoverable by aligning names with the vocabulary of incoming students, better align the degree titles with the intellectual content of the degrees, reflect current trends nationally (wherein a significant fraction of formerly Geology programs have renamed themselves, as noted above), and better reflect the industry/employment sector most of our graduating students find employment in (Earth and Environmental Sciences).

The requested name and degree title changes will not entail any changes in degree requirements or content for our degree programs. The title changes are meant to realign program names with their existing content. It will almost certainly increase enrollment. Our BA already has a track titled 'Environmental Earth Science' and another track, specifically designed for teachers, called 'Earth Science Education'. Our BS degree already includes major components of Earth and Environmental Sciences as well. Our graduate degree includes a significant number (about 25%) of students conducting planetary research in partnership with our colleagues in HIGP, whom GG has had a shared 60 year history with, which the graduate degree change acknowledges. Without diminishing the role of the traditional topics of Geology and Geophysics, using the broader "Earth Sciences" base for all names and titles will allow the department to better reflect the variety of work done in GG and to consider future expanded content offerings through tracks.

POTENTIAL CONFLICTS:

(1) The Civil and Environmental Engineering department in the College of Engineering has a BS degree titled "Civil Engineering"

(2) The Department of Oceanography has a BS degree titled "Global Environmental Sciences" (GES).

(3) The Geography Department, College of Arts and Sciences, recently changed its department name to "Geography and the Environment". It offers a BA in "Geography", with one of three streams in "Environmental Geography" (plus streams in "Human Geography" and "Geographic Technologies").

(4) The Department of Natural Resources and Environmental Management, College of Tropical Agriculture and Human Resources (CTAHR), offers BS degree in "Natural Resources and Environmental Management (NREM)", with two pathways ("Natural Science" and "Social Science").

(5) The Department of Tropical Plant and Soil Sciences, (also in CTAHR), offers a BS degree in "Tropical Plant and Soil Sciences (TPSS)" with 5 areas of specialization, one of which is "Environmental Soil Sciences".

RESPONSE TO POTENTIAL CONFLICTS:

The programs listed above intersect with the study of the environment in very different ways than those of our department, and are complementary to our programs. Having multiple programs on campus with the descriptor "environmental" is fully appropriate given the breadth and importance of environmental research and education. It is common for students with environmental interests who are seeking degrees outside of SOEST to enroll in our courses, and vice versa.

(1) There is little to no overlap between the science disciplines of Earth Science and Environmental Science with the engineering discipline of Civil Engineering.

(2) Within SOEST, there is some natural overlap in the content of degrees offered by the GG and OCN departments in their respective undergraduate programs. However, the degree programs cover very different aspects of environmental science: terrestrial and aquatic environments in GG, with a very applied focus, versus a broader, ecosystems and social science focus in GES. The GES degree involves study of "Earth's physical, chemical, biological, and human systems... [where] students investigate natural as well as economic, policy, and social systems" (quoted from the SOEST website). In contrast, the GG degrees emphasize the integration of and overlaps between the traditional Earth Science and Environmental Science disciplines, which makes graduates highly employable in this professional sector. It is also worth noting that the GG BA degree, which emphasizes both teacher training and Environmental Earth Science knowledge, has no equivalent within GES. Accordingly, it is reasonable for undergraduate degree programs in 'global environmental science' and 'earth and environmental science' to coexist amicably in parallel, and to continue to enjoy synergies in course offerings and student recruitment.

(3) The Geography Department's recent department name came as a complete surprise to those of us in SOEST. However the addition of "Environment' to the name connotes something very different from Environmental Science (namely, a geographical focus on Environmental topics). The department's 'Environmental Stream' is a track with a broad purview of resource management and policy. In contrast, the GG programs emphasize the application of geoscientific observations, methods and principles of Earth Science and Environmental Science to modern and ancient environments (e.g., hydrology, geochemistry, geophysics, ecology), human impacts thereon, and adaptive and mitigating strategies. It is presumably because of this difference (i.e., recognition of the difference by the administration) that GG was not consulted when Geography added Environment to its department name in the 2017-2018 academic year.

(4) CTAHR'S NREM BS degree has a management emphasis (including such topics as public speaking and cultural sensitivity), and a biological emphasis, whereas our programs have a geoscience focus, with some overlap at the interface between Earth Science and Ecology.

(4) CTAHR's TPSS BS, through the Environmental Soil Sciences specialization, is focused on soil science and agricultural science, whereas our programs have a broader focus on a wide range of environments at Earth's surface and within.

BACKGROUND INFORMATION:

Geology became a department with its first degree offering at UHM in 1958, followed by a name change in the 1960s to Geosciences, and a subsequent name change to Geology and Geophysics in 1971. Since then, the discipline has evolved and expanded greatly, and now includes a wide array of related disciplines under what many geoscientists would refer to as "Geoscience", or "Earth and Environmental Sciences." These new disciplines have been integrated into GG faculty research and instruction, with faculty hires since the mid-1970s, and additions and expansions each decade thereafter. The proposed degree title changes are therefore *long overdue*. They are in some ways, remedial.

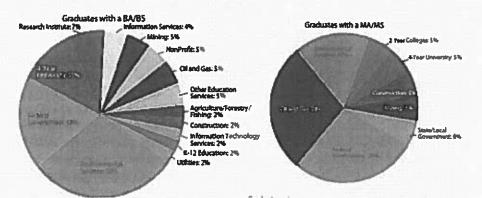
There are numerous internal issues driving this request, including improving degree identity, raising enrollment, and enhancing the value of the degree to students. The faculty of the Department of Geology and Geophysics has been working in stepwise fashion on changes that will assist in rebranding, modernization, and discoverability for our academic programs since well before Rubin became department chair in 2014. GG has done exhaustive consultations with students, GG faculty, other SOEST faculty, and the SOEST Dean's office to arrive at a set of names that do not impinge on sister programs, and yet update and better reflect who GG is. These efforts began in carnest after the last external program review in 2013, and include already-approved changes to the BA degree (replacement of the original degree plan with two new tracks in Earth Science Education and Environmental Earth Science, approved in early 2015), and our current requests. In 2014, just as Rubin became chair, the undergraduate programs of the Department of Geology and Geophysics were identified as Low Enrollment programs by the UH system, and were serving fewer students than their capacity. Since the change, mean enrollment has quadrupled (from 2 to 8), with trends increasing, because of the refocus and introduction of the environmental track. The BS degree remains on the cusp of low enrollment and likewise needs a modernizing nudge. GG has made strides in increasing enrollment and retention; however the faculty feels strongly that major progress in this area will not occur without a change to the degree program titles as proposed.

The department faculty have been carefully considering these changes to its department name and degree titles for two primary reasons: (i) the current names do not reflect the academic pursuits (teaching and research) of a majority of GG faculty; and (ii) the current degree names are hurting efforts to grow the programs via student recruitment. "Geology" and "Geophysics" do not hold significant meaning to potential students because there are no courses with those names in junior high or high school (whereas courses in Earth Sciences and Environmental Sciences are available to them). These current conditions limit the ability of the GG degree programs to reach their fullest potential in service to the state, particularly in terms of enrollment.

GG faculty members have discussed, voted, re-discussed, and voted several times on this topic, in part to help accommodate concerns of faculty in other SOEST units, and in part because the SOEST dean's office restricted several name choices after GG had considered them. Throughout, the undergraduate degree change to "Earth and Environmental Sciences" has consistently been strongly popular, starting with votes in Oct, and Nov. 2016 of 22 to 4 and 21 to 2 (with 2 abstentions), pairing this name against just Geology and Geophysics and just Earth Science. On this basis we requested a degree program name to the SOEST Dean, that at the time he declined to pass forward for consideration. Most recently, on 14 April 2018, GG again considered more options to the dept. and degree names. The slate of choices proposed in this memo won by a margin of 14 to 2 to 2, where the other two options (a) included "Environmental" in the department name (i.e., dept. of Earth and Environmental Sciences") and (b) did not include "Environmental" in any names (i.e., just Earth Sciences), respectively. I person was on leave in April 2018; another did not vote.

Why has the department consistently voted in favor of this name change?

- The proposed name is a much more accurate description of our department. A majority of our faculty teaches and conducts research in areas of science that are vital to the human environment: areas such as ground water (including contaminants), coastal processes (status of Hawaii beaches, implications of sea level rise for Hawaii), natural hazards (volcanoes, tsunamis, landslides, carthquakes), and pollution in Hawaii and elsewhere.
- The current name, 'Geology and Geophysics' uses terms that are foreign to modern high school and college level students.
- The proposed name and titles are much clearer description of our faculty research identity, and curricular content at the undergraduate and graduate levels.
- The proposed name and titles are understandable to lay members of the general public, who support the university with their taxes and look to GG for expertise in the geosciences.
- The proposed name and titles are understandable to prospective donors who may wish to financially support our teaching and research.
- The proposed name and titles align with the employment sector of our students post-degree (see diagram), with environmental services being the TOP employment sector for geoscience students at the undergrad level and third (after government and petroleum) at the MS level.



Graduating student employment statistics compiled from student exit surveys by the American Geoscience Institute (AGI) in their 2017 Status of Recent Geoscience Graduates report (https://www.americangeosciences.org/workforce/reports).

Pursuant to the Board of Regents Policy 5-1 (h) "Naming of Programs" (i)

Programs are given a name at the time they are approved by the Board. Thereafter, the President may approve changes in the functional names of academic programs and credentials as may become necessary to remain current with terminology and focus of their fields and involve no significant changes in program requirements.

ACTION RECOMMENDED:

We recommend that the President approve the GG Department Name change to "Earth Sciences", the undergraduate degree title changes from BA in Geology and BS in Geology and Gcophysics, to BA and BS in Earth and Environmental Sciences, and the graduate degree program name to Earth and Planetary Sciences, all within the School of Ocean and Earth Science and Technology, University of Hawai'i at Mānoa.

Approval/Disapproval: Change in department name to Department of Earth Sciences (Chancellor is delegated authority pursuant to A3.101, University of Hawai'i Organizational and Functional Changes)

David Lassner Interim Chancellor

SEP 1 8 2018

Date

Approval/Disapproval:

Change in title of degrees to BA and BS in Earth and Environmental Sciences
 Change in title of graduate program name to Earth and Planetary Sciences (President is approving authority pursuant to RP 5.201, Instructional Programs)

David Lassner President

SEP 1 8 2018

c: Donald Straney, Vice President for Academic Planning and Policy Stuart Lau, Registrar

of HAWAI'I system	Stuart Lau <stuarti@hawaii.edu></stuarti@hawaii.edu>
Re: Environmental Earth Science 1 message	
Wendy Pearson <pearsonw@hawaii.edu> To: Stuart Lau <stuartl@hawaii.edu></stuartl@hawaii.edu></pearsonw@hawaii.edu>	Thu, Jan 31, 2019 at 9:20 AM
Hi Stuart,	
l apologize for the delay. There are still two tracks, but with the name change really there is just the general track, and the specialized track in Earth Science Education. See below.	nd the specialized track in Earth Science Education. See below.
Environmental Earth Science: Earth Science Education (BA) (A	
Environmental Earth Science (BA) (Effective Spring 2019)	197
Earth Sciences (BS) (Effective Spring 2019)	
Wendy L. Pearson, Program Officer Office of the Vice Chancellor for Academic Affairs University of Hawaii at Mãnoa 2500 Campus Road, Hawaii Hall 209 Honolulu, HI 96822 (808) 956-6145 / FAX (808) 956-7115 http://www.manoa.hawaii.edu	
On Thu, Jan 31, 2019 at 8:25 AM Stuart Lav <stuartl@hawaii.edu> wrote: Hi Wendy,</stuartl@hawaii.edu>	
Checking to confirm if I understand the revision to the BA and BS degrees for Earth Sciences. Currently in the process of submitting the requests to have new codes created.	cess of submitting the requests to have new codes created.
Thanks, Stuart	
On Wed, Jan 23, 2019 at 1:21 PM Stuart Lau <stuartl@hawaii.edu> wrote: Sorry, I just realized that the original request to rename Geology and Geophysics was superseded by another request for the Bachelors degree programs.</stuartl@hawaii.edu>	quest for the Bachelors degree programs.
 For the BA, are the two tracks still applicable? For the BS, the code ERTH will be used. 	
Please confirm.	
Thanks, Stuart	
University Registrar	

Office of the Registrar University of Hawaii at Manoa Ph: 808 956-8010 This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, and is exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this e-mail in error, please notify the sender and delete this e-mail from vour system.	Clicate Lau Stuart Lau University Registrar Office of the Registrar University of Hawaii at Manoa Ph. 808 956-8010 This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, and is exempt from disclosure under applicable law.	If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this e-mail in error, please notify the sender and delete this e-mail from your system.
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