UCC Document #			132	
Review Ty	pe:	Edit	Exp	XXFull

CATALOG YEAR 2015-2016

COLLEGE/SCHOOL/SE	CTION: _Arts and So	ciences		
(check all that apply) Change Response Required:	X Delete: : Number Title New course will be part of the course or elective _X_ course New course will introduce.	of major _X min	orX_ as a	required
Response Required:	Grade TypeX_ Norr	mal (A-F) CR	/NC F	P/F
If new, provide Course Provide, Description, prere provide change and attack	quisite, and lecture/lab h	ours if applicable.	If in curren	t online catalog
BIOL 4475				
Evo-Devo (Evolutionary	Developmental Biology)	l		
4 semester hours				
The objective of this cour developmental biology in of developmental genetic course will explore how caffects our understanding	to a common framework pathways in order to expour growing knowledge o	of genetics. The foliain the evolution of developmental ci	ocus will be of animal devircuits, and the	on the evolution velopment. This
Justification Adding course to catalog taught repeatedly.	that is now being taught	as a special topic c	course and is	expected to be
Approvals:	Signa	ature		Date
Chair Department Curriculum Comn	Neal McRey	Digitally signed by Neal MRC DN: cn=Neal MRCeynolds, or Interantational University, o Biology and Chemistry, email=nmccypoids@tamiu, Date: 2015.01.20 10:23:36-0	=Texas A·M nu=Department of .edu, c=US	-
Chair	Dan Mott	Digitally signed by Dan Mott DN: cn-Dan Mott, on TAMIU our Bloogy & Chemistry, email: dmottptamuledulc-US Date 2015 01:22:09:84.92-06.00		
Department		M. Foran		
Chair College Curriculum Committe	е		a contract of	01/26/15
Dean		es Bernat 🖁	igitally signed by Frances N: cn=Frances Bernat, o= mail=frances.bernat@tam ate: 2015.01.30 14:21:53 -	TAMIU, ou=COAS, iiu.edu, c=US
Provost 06/2014		n —		

Learning Outcomes:

Course Objectives:

- 1. Understand the general principles governing the genetic basis of developmental change.
- 2. Understand how evolution is connected to development and that development is a vehicle for evolutionary change.
- 3. Gain an appreciation for data and knowledge that comes from diverse fields in biology and how the integration of that knowledge allows scientists to ask and answer fundamental and otherwise unanswerable questions.