

DepartmentBiology	DateAugust 19, 2014
Check one: This is a change to _X	an existing COURSE
Present Course Code and Number	BIO 560 Course Title_Population Genetics and Evolutionary Mechanisms
Revised Catalog Description (Copy/p	paste present description from online catalog, strikethrough all deletions, and insert/bold new information.)
BIO 560 Population Genetics and Evolu Prerequisite: BIO 515 and BIO 550 BIO 2	·
The theory of genetic variation in popul	lations, with emphasis on quantitative description of the mechanisms of biological evolution. Ma
	annot receive credit for both BIO 659 and BIO 560.
Credit hours: 3 Lecture contact hours: Typically offered: Upon demand	3 Lab contact hours: 0
rypicany offered. Opon demand	
Complete New Catalog Information	
PIO ECO Population Constitue and Findust	Manager No. all and the second
BIO 560 Population Genetics and Evolut Prerequisite: BIO 235	tionary Mechanisms
	lations, with emphasis on quantitative description of the mechanisms of biological evolution. Ma
be taught concurrently with BIO 659. Ca	annot receive credit for both BIO 659 and BIO 560.
Credit hours: 3 Lecture contact hours:	3 Lab contact hours: 0
What is changing? Check all boxes that	· mulu
□Course Deletion □Course Course	····
□Credit Hours/Contact Hours	□Periodicity □Description
Reason for Proposed Change or Deletio	
I wish to make this course available to a broatheir curriculum. I routinely review the page	ader audience. Very few undergraduates complete the current prerequisites in time to include this course essary statistical concepts during the first week of classes, and students receive an adequate exposure to
evolution in general, and to population gene	etics in particular, in BiO 121, BiO 122, and BiO 235. Thus, changing the prerequisite to BiO 235 (general
genetics) ensures adequate exposure at an ir	ntroductory level, completion of college algebra, and a solid background in genetics.
Haw Did You Determine the Need For T	This Change or Deletion? Student feedback
now you rou betermine the Neet For I	inis Change or Deletion? Student reedback
Check if this is a non-substantive chang	ge. Distribution for non-substantive changes of 100- through 500-level courses: two originally-signed copies to Faculty
Senate; 600- through 900-level courses: three orig	finally-signed copies to Graduate Council. Graduate Council will give two copies to Faculty Senate after approval.
ubstantive Change: Department routes according	g to ART VI, SEC 3B(1-4) of Bylaws of the Faculty. Forward three originally signed forms to one of the following (please
heck all that apply and send to first council/commidditional council/committee marked. See Senate	nittee marked). If proposal needs to go through more than one council/committee, forward one additional form for eacl Action 11-93/94 for definitions of substantive/non-substantive changes.
College Council	(All substantive course changes numbered 100-599 must go through College Council first. After
	approval, College Council will forward appropriate number of copies to the next committee/council or directly to the Faculty Senate if no further committee approval is needed. The last level of
	committee/council will forward two originally signed copies to the Faculty Senate.)
Professional Education Committee	(Considers all substantive course changes for Professional Education courses and Teaching Methods courses.)
Committee on General Education	(Considers all substantive course changes for General Education and Intercollegiate Program
and Intercollegiate Programs	proposals.)
Graduate Council	(Considers all 600-900 level course changes.)
Dun di	feetingers all ood and teachers changes.)
ignature Muchin	Date 8-21-14
Donartment He	o'd.

(Routing on Reverse Side)

FS Program Change - 10/8/2013



Department_	Mathematics	Date8/	25/2014
Title of Progran	m AffectedBS-Mathematics-Co	mprehensive	
Type of Progra	m: Major Comprehensive Major Academic Rules Other	_x Option Minor	Certificate Certification
Mathematics Bachelor of So	(Comprehensive) (BS) cience		kethrough all deletions, and insert and bold new information)
B. Major1.2.3.	Requirements (62 hours) MTH 261(5), 280(5), 302(3), 303 Public Affairs Capstone Experien Select an additional 18 hours fro individualized. Selection of cours is subject to approval by the dep to enhance the comprehensive required from related a natural world general education	(3), 315(3), 497(1), 503(3), ace will be fulfilled by compound mathematics courses no ses for the additional 18 hopartment head. Students as major. Minimum for major reas: CSC 125(4) or 131(4); requirement.)	and Requirements section of catalog 532(3), 533(3), 540(3); MTH 421(3) or 541(3) eletion of MTH 497(1), 503(3), 532(3), and 540(3). Imbered 400 or higher. The comprehensive major is ours shall be made in conference with the advisor and the encouraged to elect courses from other disciplines is 53 52 hours. 130(3); PHY 203(5) (PHY 203 may partially fulfill the Degree Requirements section of catalog
Mathematics Bachelor of So A. Gener B. Major 1. 2. 3.	ral Education Requirements - see G r Requirements (62 hours) MTH 261(5), 280(5), 302(3), 303 Public Affairs Capstone Experien Select an additional 18 hours froe individualized. Selection of cours is subject to approval by the depto enhance the comprehensive in Courses required from related a world general education require	(3), 315(3), 497(1), 503(3), ace will be fulfilled by comporn mathematics courses no ses for the additional 18 hopartment head. Students as major. Minimum for major reas: CSC 125(4) or 130(3); ement.)	PHY 203(5) (PHY 203 may partially fulfill the natural
General Bacca Total Hours <u>6</u> 2		ee <u>General Baccalaureate l</u>	Degree Requirements section of catalog
Title chang _x_ Course cha	anges of under 18 hours Fi	rom option to program (majo rom program (major) to optio rogram or option deletion	

Reason for Proposed Change CSC 130 is now a prerequisite for CSC 131.

DEPARTMENT: Route according to ART VI, SEC 3B(1-4) of Bylaws of the Faculty Senate. Forward three typed, originally signed forms to one of the following (please check all that apply and send to first council/committee marked). If the program needs to go through more than one committee/council, forward one additional form for each additional council/ committee marked.

<u> </u>	College Council	(Send all undergraduate program changes through College Council as first step before forwarding either to PEC, CGEIP, or directly to Faculty Senate)				
- <u> </u>	Professional Education Committee	(Considers all program changes affecting BS and MS in Education and Educational Specialist degrees)				
	Committee on General Education and Intercollegiate Programs	(Considers all general education and multi-college program changes)				
	Graduate Council	(Considers all graduate-level program changes)				
Signat	ure Har Office Department Head	(Routing on Reverse Side) FS Program Change - 10/8/2013				



Department_	Mathematics
Title of Progran	AffectedBS-Mathematics-Noncomprehensive
Type of Program	Major_x_ Comprehensive Major Option Minor Certificate Certification Academic Rules Other
Revised Catalo	Description (cut and paste present description from online catalog, strikethrough all deletions, and insert and bold new information)
Mathematics	Non-Comprehensive) (BS)
Bachelor of So	
A. Gener	Education Requirements - see General Education Program and Requirements section of catalog
	equirements
1.	MTH 261(5), 280(5), 302(3), 303(3), 315(3), 497(1), 503(3), 532(3), 533(3), 540(3)
	Public Affairs Capstone Experience will be fulfilled by completion of MTH 497(1), 503(3), 532(3), and 540(3).
3.	Select one of the following options:
the second	a. Actuarial Mathematics:
	1. <u>MTH 450(</u> 3), <u>541(</u> 3)
	2. Select an additional six hours from the following courses: MTH 543(3), 546(3), 547(3), 548(3)
	3. A minor in Insurance is recommended
4. 1.	b. Applied Mathematics:
professional and the second	1. <u>MTH 421(3), 580(3)</u>
and the second	2. Select an additional six hours from the following courses: MTH 422(3), 507(3), 537(3), 543(3),
	<u>570(</u> 3)
	c. General Mathematics:
	1. <u>MTH 421(3)</u> or <u>541(3)</u>
	2. Select an additional nine hours from mathematics courses numbered 400 or higher
	d. Statistics:
	1. MTH 541(3)
	2. Select an additional nine hours from the following courses: MTH 543(3), 545(3), 546(3), 547(3)
r/1	<u>548(3)</u>
4.	Courses required from related areas: CSC 125(4) or 131(4) 130(3); PHY 203(5) (PHY 203 may partially fulfill the
	Natural World general education requirement.)

General Baccalaureate Degree Requirements - see General Baccalaureate Degree Requirements section of catalog

C. Minor Required (or second major)

Complete New Catalog Description	
Mathematics (Non-Comprehensive) (BS	
Bachelor of Science	
D. General Education Requirements -	see General Education Program and Requirements section of catalog
E. Major Requirements	
1. <u>MTH 261(5), 280(5), 302(</u> 3), <u>303(</u> 3), <u>315(</u> 3), <u>497(</u> 1), <u>503(</u> 3), <u>532(</u> 3), <u>533(</u> 3), <u>540(</u> 3)
	perience will be fulfilled by completion of MTH $497(1)$, $503(3)$, $532(3)$, and $540(3)$.
Select one of the following	
a. Actuarial Mathem	
1. <u>MTH 450</u> (3	3), <u>541(</u> 3)
	additional six hours from the following courses: MTH 543(3), 546(3), 547(3), 548(3)
	Insurance is recommended
b. Applied Mathema	
1. <u>MTH 421</u> (3	3), <u>580(</u> 3)
	ndditional six hours from the following courses: MTH 422(3), 507(3), 537(3), 543(3),
<u>570(3)</u>	
c. General Mathema	
1. <u>MTH 421</u> (3	3) or <u>541</u> (3) Idditional nine hours from mathematics courses numbered 400 or higher
	aditional nine nours from mathematics codises numbered 400 of migrici
d. Statistics:	
1. MTH 541(3	oldditional nine hours from the following courses: MTH 543(3), 545(3), 546(3), 547(3),
	aditional filme flours from the following courses. Mit 1345(0): 515(0)
548(3)	ited areas: CSC 125(4) or 130(3); PHY 203(5) (PHY 203 may partially fulfill the Natural
World general education r	equilement.)
F. Minor Required (or second major)	nts - see General Baccalaureate Degree Requirements section of catalog
General Baccalaureate Degree Requirement	ILS - See General paccalagreate begree Reguliernante position of actual
T-1-111 52 FC	
Total Hours_52-56_	
·	
What is changing? Check all boxes that apply.	
Title change	From option to program (major) _x_ Other <u>Courses required other areas</u>
x Course changes of under 18 hours	From program (major) to option
Course changes of 18 hours or more	Program or option deletion
Reason for Proposed Change	
CSC 130 is now prerequisite for CSC 131	
	a carry at the Signal Company Constant Consumer of three typed priginally signed forms to
DEPARTMENT: Route according to ART VI, SE	C 3B(1-4) of Bylaws of the Faculty Senate. Forward <u>three</u> typed, originally signed forms to all and send to first council/committee marked). If the program needs to go through more
than one committee/council, forward one add	ditional form for each additional council/ committee marked.
trian one committee, council, for train a one and	
V	(Send all undergraduate program changes through College Council as first step before forwarding either
College Council	to PEC, CGEIP, or directly to Faculty Senate)
	•
Professional Education Committee	(Considers all program changes affecting BS and MS in Education and Educational Specialist degrees)
Committee on General Education and	(Considers all general education and multi-college program changes)
Intercollegiate Programs	
Graduate Council	(Considers all graduate-level program changes)

Graduate Council

Signature_

FS Program Change - 10/8/2013 (Routing on Reverse Side)



Department Mathematics Date 8/25/2014
Title of Program AffectedBA-Mathematics-Noncomprehensive
Type of Program: Majorx_ Comprehensive Major Option Minor Certificate Certification Academic Rules Other
Revised Catalog Description (cut and paste present description from online catalog, strikethrough all deletions, and insert and bold new information) Mathematics (Non-Comprehensive) (BA) Bachelor of Arts A. General Education Requirements - see General Education Program and Requirements section of catalog B. Major Requirements (34 hours) 1. MTH 261(5), 280(5), 302(3), 315(3), 497(1), 503(3), 532(3), 533(3), 540(3) 2. Select an additional source from: MTH 202(2), 431(3), 575(3), or from mathematics courses numbered 400 or
 Select an additional course from: MTH 303(3), 421(3), 575(3), or from mathematics courses numbered 400 or higher. Minimum for major is 34 hours. Course required from related area: CSC 121(3) or 125(4) or 131(4). 130(3) Public Affairs Capstone Experience will be fulfilled by completion of MTH 497(1), 503(3), 532(3), and 540(3). Minor Required (or second major) Specific Requirements for Bachelor of Arts Degree - see Specific Bachelor of Arts Degree Requirements section of catalog General Baccalaureate Degree Requirements - see General Baccalaureate Degree Requirements section of catalog
Complete New Catalog Description Mathematics (Non-Comprehensive) (BA)
A. General Education Requirements - see General Education Program and Requirements section of catalog B. Major Requirements (34 hours)
 MTH 261(5), 280(5), 302(3), 315(3), 497(1), 503(3), 532(3), 533(3), 540(3) Select an additional course from: MTH 303(3), 421(3), 575(3), or from mathematics courses numbered 400 or higher. Minimum for major is 34 hours.
 Course required from related area: <u>CSC 121(3)</u> or <u>125(4)</u> or 130(3) Public Affairs Capstone Experience will be fulfilled by completion of <u>MTH 497(1)</u>, <u>503(3)</u>, <u>532(3)</u>, and <u>540(3)</u>. Minor Required (or second major)
D. Specific Requirements for Bachelor of Arts Degree - see <u>Specific Bachelor of Arts Degree Requirements</u> section of catalog General Baccalaureate Degree Requirements - see <u>General Baccalaureate Degree Requirements</u> section of catalog
Total Hours_33-34
What is changing? Check all boxes that apply. Title change Course changes of under 18 hours Course changes of 18 hours or more Course changes of 18 hours or more Program or option deletion Course changes of 18 hours or more Course changes of 18 hours or more Course changes of 18 hours or more Program or option deletion
Reason for Proposed Change CSC 130 is now prerequisite for CSC 131

DEPARTMENT: Route according to ART VI, SEC 3B(1-4) of Bylaws of the Faculty Senate. Forward three typed, originally signed forms to one of the following (please check all that apply and send to first council/committee marked). If the program needs to go through more than one committee/council, forward one additional form for each additional council/ committee marked.

College Council	(Send all undergraduate program changes through College Council as first step before forwarding eith to PEC, CGEIP, or directly to Faculty Senate)				
Professional Education Committee	(Considers all program changes affecting BS and MS in Education and Educational Specialist degrees)				
Committee on General Education and Intercollegiate Programs	(Considers all general education and multi-college program changes)				
Graduate Council	(Considers all graduate-level program changes)				
Signature Understand	Date Sphill ,				



FS Program Change - 10/8/2013

Missouri State University Curricular Proposal Course Change or Deletion

Department	Mathem	atics		Date 8/20/2014			
Check one: This is	a change to	x an exi	sting COURSE				
	_			manent) SECTION	of a variable content course		
	_						
Present Course Cod	de and Numbe	r MTH	101 Con	urse Title_Interme	diate Algebra I		
			t description from online ca	talog, strikethrough ai	deletions, and insert/bold new information.		
MTH 101 Intermed	iate Algebra A	i National months and so	Lara nat masterad at	achea consonts no	adad for callege algebra. Topics inclu		
Inis course is recoi	mmended for s	tugents who	have not mastered at	gebra concepts ne	eded for college algebra. Topics inclu polynomials, rational expressions, a		
radicals Topics wi	Il include line	ar and qua	dratic equations, abs	olute value equati	ons and inequalities, linear and		
nonlinear inequali	ties, propertie	s of expon	ents, rectangular coo	rdinate systems,	lines, circles, parabolas, systems (
equations, polyno	mials and rati	onal expres	ssions, and functions	. Cannot receive c	redit toward graduation for both MTH		
101 and MTH 103.	Cannot count t	oward a ma	thematics major or mir	or. A grade of "C"	or better is required in this course in		
order to take M+H 1	102 , MTH 130,	MTH 135, 0	or MTH 138. Cannot be	taken Pass/Not P	a55.		
Complete New Catal	og Information						
MTH 101 Intermediat	e Algebra A						
This course is recomme	nded for students	who have not	mastered algebra concepts n	eeded for college algel	ora. Topics will include linear and quadratic		
equations, absolute valu	e equations and in	icqualities, line	ear and nonlinear inequalities of rational expressions and f	s, propernes or expone inetions. Cannot recei	ents, rectangular coordinate systems, lines, ve credit toward graduation for both MTH 10		
and MTH 103. Cannot o	count toward a ma	thematics maj	or or minor. A grade of "C"	or better is required in	this course in order to take MTH 130, MTH 1		
or MTH 138. Cannot be	taken Pass/Not P	ass.					
MTH 101 Intermediate	Algebra A, Credi	t Hours 3, Lec	ture Contact Hours 3, Lab C	Contact Hours 2, Typica	ally offered Fall/Summer		
What is changing? Ch	neck all boxes th	iat apply.					
□Course Deletion	□Course (Code	☐Course Number	x Title	□Prerequisite		
□Credit Hours/Conf	tact Hours		□Periodicity	x Description			
Reason for Proposed	Change or Dele	tion			1 1011 2 6 1 14		
New course is based on	a pilot program c	ombining old f	MTH 101 and 102 into a sing	gle course with 3 lectur	re hours and 2 lab hours for students with		
Lower ACT/SAT scores	s and/or main plac	ement scores.					
	• •			•			
How Did You Determ	ine the Need Fo	or This Chang	ge or Deletion?				
Pilot Study							
Chack if this is a ne	on-substantive ch	ange Distribut	ion for non-substantive change	s of 100- through 500-lev	el courses: two originally-signed copies to Faculty		
Senate; 600- through 900-	level courses: three	originally-signer	copies to Graduate Council. G	raduate Council will give	two copies to Faculty Senate after approval.		
일 화가 하는 사람들이 가지 않는데 그 때문에 다른데 되었다.							
Substantive Change: Depa	rtment routes accor nd to first council/c	ding to ART VI, : ommittee marks	SEC 3B(1-4) of bylaws of the Fa ed). If proposal needs to go thro	ough more than one coun	nally signed forms to <u>one</u> of the following (please cil/committee, forward one additional form for eac		
additional council/commit	tee marked. See Ser	ate Action 11-9	3/94 for definitions of substant	ive/non-substantive char	ges.		
x_College Council		/All cu	shetantive course changes n	umbered 100-599 mus	t go through College Council first. After		
x conege council		orage	val. College Council will forv	vard appropriate numl	per of copies to the next committee/council o		
		direct	ly to the Faculty Senate if no	further committee ar	proval is needed. The last level of		
		comm	ittee/council will forward to	vo originally signed co	pies to the Faculty Senate.)		
Professional Educa	ation Committee	•	_	changes for Profession	al Education courses and Teaching Methods		
Committee on Ger	neral Education	course (Consi		changes for General Ed	lucation and Intercollegiate Program		
and Intercollegiate		propo					
				,			
Graduate Council	1 00	(Consi	iders all 600-900 level cours	e changes.)			
. //n	La CORa		and the same of th	Date 11/25	14		
Signature	Departmen	t Head	· · · · · · · · · · · · · · · · · · ·	Date 11/AU			
and the second of the second of the	Pobal nucil				PC Bus warm of any a so in lane of		

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FS Program Change - 10/8/2013

Missouri State University Curricular Proposal Course Change or Deletion

Department	Mathe	matics		Date	8/20/2014	
Check one: This is a ch	ange to	_xan existir an existi	ng COURSE ng REGULAR (i.e. per	manent) SEC	FION of a variable con	tent course
Present Course Code a	nd Numb	erMTH	130 Co	urse Title	Contemporary Math	ematics
Revised Catalog Descri MTH 130 Contemporary M Prerequisite: "C" grade or b (Focus on Quantitative Liter This is a problem solving and geometry, probability, statist 130 does not meet the prereq	lathematic etter in MT acy). I application ics, and ma	es H 102 MTH 101 ns of mathematics thematics of finar	or MTH 103 or approved	score on a depar	tmental placement test. Ger	neral Education Course f problem solving.
Complete New Catalog In MTH 130 Contemporary M Prerequisite: "C" grade or b Quantitative Literacy). This is a problem solving angeometry, probability, statist 130 does not meet the prered Credit hours:3 Lecture of Typically offered: Fall, Springer	Iathematic etter in MT d application ics, and manusite for Nontact hou	es H 101 or MTH 10 ns of mathematics thematics of finar TTH 135.	s course. Topics to be studence. Cannot count toward	lied will include	but not limited to: the art o	f problem solving.
What is changing? Check □Course Deletion □Credit Hours/Contact Reason for Proposed Cha Elimination of MTH 102. How Did You Determine	□Course Hours inge or De	e Code letion	□Course Number □Periodicity e or Deletion?	□Title □Descri	x Prerequisite otion	
Check if this is a non-si Senate; 600- through 900-level Substantive Change: Departme check all that apply and send to additional council/committee m	courses: thre	ee originally-signed of cording to ART VI, SE Vicemmittee marked	copies to Graduate Council. (EC 3B(1-4) of Bylaws of the Fo d), if proposal needs to go thr	Graduate Council w Sculty, Forward <u>thr</u> Sough more than o	<u>ee</u> originally signed forms to <u>o</u> ne council/committee, forward	ne of the following (please
x_ College Council		approvi directly	al, College Council will for to the Faculty Senate if n	ward appropriat o further commi	99 must go through College e number of copies to the r ittee approval is needed. Th ned copies to the Faculty So	next committee/council or ne last level of
Professional EducationCommittee on General and Intercollegiate Pro	Education	e (Consid	ders all substantive course s.) ders all substantive course	changes for Pro	fessional Education courses	and Teaching Methods
Graduate Council		(Consid	ders all 600-900 level cour	se changes.)	,	
Signature /	Departme	ent Head		Date	26/14/	

(Routing on Reverse Side)



Department	Mathematics		Date	8/20/2014_	
Check one: This is a	change to _x_	_an existing CO _an existing RE	URSE GULAR (i.e. perm	。 anent) SECTION	of a variable content course
Present Course Code	and Number _	MTH 135	Course Title_	College Alg	ebra
MTH 135 College Algebra Prerequisite: "C" grade of MTH 135. General Education Contents include the study functions: and systems of	ra r better in MTH 10 tion Course (Focus r of linear and quad countions, Cannot	2 MTH 101 or MTI on Quantitative Literatic equations; increases	H 103, or appropriate teracy). qualities and their app degraduation for both	placement score, No lications; polynomia MTH 135 and MTH	deletions, and insert/bold new information.) ste: MTH 130 does not meet the prerequisite for the does not meet the prerequisite for the does not meet the prerequisite for the does not count toward a mathematics may 287. Cannot be taken Pass/Not Pass.
General Education Course Contents include the study functions: and systems of	ra r better in MTH 10 e (Focus on Quanti r of linear and quad equations. Cannot or better is required	tative Literacy). ratic equations; ine- receive credit towar in this course in or	qualities and their app d graduation for both der to take MTH 181,	dications; polynomia MTH 135 and MTH	30 does not meet the prerequisite for MTH 13. 1, rational, exponential and logarithmic 138. Cannot count toward a mathematics maj. 287. Cannot be taken Pass/Not Pass.
Miles in alternation of Chap	ek all haves that	analu			
What is changing? Che □Course Deletion	Course Co		urse Number	□Title	x Prerequisite
□Credit Hours/Conta Reason for Proposed C Elimination of MTH 102.			riodicity	□Description	
How Did You Determin	e the Need For T	his Change or De	letion?		
Check if this is a non Senate; 600- through 900-lev	-substantive chang el courses: three orig	ge. Distribution for no inally-signed copies to	n-substantive changes o Graduate Council. Grad	of 100- through 500-lev duate Council will give t	el courses: two originally-signed copies to Faculty two copies to Faculty Senate after approval.
Substantive Change: Departr check all that apply and send additional council/committee	to first council/comr	nittee marked). If prop	oosal needs to go throug	sh more than one coun	nally signed forms to <u>one</u> of the following (please cil/committee, forward one additional form for eac iges.
x College Council Professional Educati	on Committee	approval, Colle directly to the committee/co	ege Council will forwa Faculty Senate if no f uncil will forward two	rd appropriate numb urther committee ap originally signed co	t go through Coilege Council first. After per of copies to the next committee/council of proval is needed. The last level of pies to the Faculty Senate.) al Education courses and Teaching Methods
Committee on General and Intercollegiate P	ral Education	courses.)			lucation and Intercollegiate Program
Graduate Council) _	(Considers all (500-900 level course o	changes.)	
Signature_	Chung		D	ate	//

(Routing on Reverse Side)

FS Program Change - 10/8/2013



Department	<u> Mathematics</u>		Date	8/20/2014	
Check one: This is a c	hange to <u>x</u> ar aı	existing COU existing REG	RSE ULAR (i.e. perma	anent) SECTION o	f a variable content course
Present Course Code a	and Number <u>M</u>	TH 138	_ Course Title_	Precalculus_	
Revised Catalog Descr MTH 138 Pre-Calculus M Prerequisite: "C" grade or appropriate placement scor	iption (Copy/paste athematics better in MTH 102 Mee. General Education and trigonometry to prematics major or min	present description TH 101 or MTH 101 Course (Focus of Page 11)	103 (Recommended: n Quantitative Litero for calculus, Cannot	"B" grade or better in acy). receive credit toward	leletions, and insert/bold new information.) MATH 102 MTH 101 or MTH 103), or graduation for both MTH 138 and MTH 135. ler to take MTH 261, 287, CSC 125 or 131.
score. General Education C	athematics better in MTH 101 or course (Focus on Qua nd trigonometry to pr nematics major or min	ntitative Literacy,). for calculus Cannot	receive credit toward	or MTH 103), or appropriate placement graduation for both MTH 138 and MTH 135. ler to take MTH 261, 287, CSC 125 or 131.
What is changing? Chec	k all boxes that app	oly.			
☐Course Deletion ☐	□Course Code		rse Number	□Title	x Prerequisite
□Credit Hours/Contac	t Hours	□Peri	odicity	□Description	
Reason for Proposed Ch Elimination of MTH 102.					
How Did You Determine	the Need For This	Change or Dele	tion?		
now bit for bettimine	, 110 11000 1 01 1110			÷	
Check if this is a non -s Senate; 600- through 900-leve	substantive change. E courses: three original	Distribution for non- y-signed copies to G	substantive changes o Graduate Council. Grad	f 100- through 500-level luate Council will give tw	courses: two originally-signed copies to Faculty vo copies to Faculty Senate after approval.
Substantive Change: Departm check all that apply and send t additional council/committee	o first council/committe	e marked). If propo	sal needs to go throug	h more than one counci	ally signed forms to <u>one</u> of the following (please I/committee, forward one additional form for each es.
X College Council Professional Educatio Committee on Genera	ıl Education	approval, College directly to the Fa committee/cour (Considers all su courses.)	e Council will forwar aculty Senate if no fo Icil will forward two bstantive course cha	d appropriate numbe urther committee app originally signed copi anges for Professional	go through College Council first. After er of copies to the next committee/council or proval is needed. The last level of les to the Faculty Senate.) I Education courses and Teaching Methods acation and Intercollegiate Program
Graduata Council		(Considers all 60	0-900 level course o	hanges.}	
Graduate Council	01	(Collainers on oo	0 300 10101 000136 0	<u> </u>	
Signature /	Chur		D:	ate <u> <i>V/36//</i></u>	4
	Department Head	(D-, , , , , , , , , , , , , , , , , , ,	m Boyoree Sido)	. ,	FS Program Change - 10/8/2013



Department Mathematics		Da	te8/2	0/2014	
Check one: This is a change to	an existing COUF an existing REGU	RSE JLAR (i.e. perma	nent) SECTION	of a variable content course	
Present Course Code and Number	MTH 102	_ Course Title_	Intermediate	Algebra II	
Revised Catalog Description (Copy/pas	te present descriptio	n from online catalo	g, strikethrough al	deletions, and insert/bold new info	rmation.)
NONE					
Complete New Catalog Information					
NONE					
			•		
What is changing? Check all boxes that a		Neverbor	⊡Title	□Prerequisite	
X Course Deletion		rse Number	-	Prieredusice	
□Credit Hours/Contact Hours		odicity	□Description		
Reason for Proposed Change or Deletion New version of MTH 101 combines old version	ons of MTH 101 and	102.			
How Did You Determine the Need For Ti	his Change or Dele	tion?			
Pilot Study					
Check if this is a non-substantive chang Senate; 600-through 900-level courses: three original courses:	e. Distribution for non-s nally-signed copies to G	substantive changes of traduate Council. Grad	100- through 500-let uate Council will give	rel courses: two originally-signed copies t two copies to Faculty Senate after appro	to Faculty val.
Substantive Change: Department routes according check all that apply and send to first council/comm additional council/committee marked. See Senate	ittee marked). If propos	a) needs to go throug	I More than one cou	icily continuities, to main one againment.	ig (please orm for ead
_x College Council	approval, College directly to the Fa	e Council will forwar culty Senate if no fu cil will forward two	d appropriate num rther committee a originally signed co	st go through College Council first. A ber of copies to the next committee, pproval is needed. The last level of pies to the Faculty Senate.)	/council c
Professional Education Committee	(Considers all sul	ostantive course cha	nges for Professio	nal Education courses and Teaching F	
Committee on General Education and Intercollegiate Programs	(Considers all sul proposals.)	ostantive course cha	nges for General E	ducation and Intercollegiate Progran	n
Graduate Council	(Considers all 60	0-900 level course o	hanges.)		٠
Signature Man Office	in d	D:	nte_ <i>\$/26/17</i>	<u> </u>	
у рерагитент не	au (Routing c	n Reverse Side)	, ,	FS Program Change - 10)/8/2013