ACTUARIAL MATHEMATICS MAJOR Program Tracking Sheet Based on AY 2016-17 Degree Requirements and Course Offerings

Class Year:						•			
NOTES: Minimum total academic credit = 15 units Residency Req.: At least 8 units must be completed at WPI	Name:				Class '	Year:			
AUMANTIES AND ARTS REQUIREMENT (2 units)	Advisor:				2 nd Ma	jor:			
HJMANTIES AND ARTS RECOUREMENT (2 units)	NOTES: Minimum total academic credit =		eted at WI	기	·				
All 5-HUX courses must be completed before beginning the Inquiry Seminar or Practicum. Depth Component	HUMANITIES AND ARTS REQUIREMENT	(2 units)							1/3
Depth Component Students must complete at least three thematically-related courses prior to the cuminating Inquity Seminar or Practicum in the same thematic area. At least one of the three courses should be at the 2000-level or above.	All 5 HUA courses must be completed befor		e Inquiry S	eminar		MA 3832			
Students must complete at least three thematically-related courses prior to the culminating inquiry Seminar or Practicum in the same thematic area. At least one of the three courses should be at the 2000-level or above. Course									
Course Term Grade Units 1/13 1/1	Students must complete at least three them the culminating Inquiry Seminar or Practicur	m in the same	hematic a		ACT Mus	TUARIAL COURSES (3/3 unit) t include four of the following: MA		A 3212, MA	1
2		Term	Grade					Grade	Units
3			-						
HIJ 3900 or HIJ 3910									
Breadth Component Students must take at least one course outside the grouping in which they complete their depth component. To identify breadth, courses are grouped in the following manner.						DODUCTODY AND OTHER MAT	FU COURCEC (0/2 -		1/3
Students must take at least one course outside the grouping in which they complete their depth component. To identify breadth, courses are grouped in the following manner. i. art/art history, drama/theatre, and music (AR, EN/TH, MU); ii. foreign languages (AB, CN, EN GN, SP);				1/3		RODUCTORY AND OTHER MAT	TH COURSES (9/3 t	units)	1/2
Complete their depth component. To identify breadth, courses are grouped in the following manner: In the following manner: 173		side the aroupir	na in which	n thev					
the following manner. i. art/art history, drama/theatre, and music (AR, EN/TH, MU): ii. fireign languages (AB, CN, EN GN, SP): iii. literature and writing rhetoric (EN, WR, RH): iv. history and international studies (HI, HU, INTL): v. philosophy and religion (PY, RE). Exception: May take all six courses in a foreign language 5									
i. ard/art history, drama/lheatre, and music (AR, EN/TH, MU); ii. foreign languages (AB, CN, EN GN, SP); iii. literature and writing rhetoric (EN, WR, RH); iv. history and international studies (HI, HU, INTL); v. philosophy and religion (PY, RE). Exception: May take all six courses in a foreign language 5 1/3 Humanities Elective 6 1/3 PHYSICAL EDUCATION (4 PE classes = 1/3 unit) SOCIAL SCIENCE (2/3 unit) ECON, ENV, GOV, PSY, SD, SOC, SS, STS and ID2050 8 1/3 9 1/3 THE INTERACTIVE QUALIFYING PROJECT (1 unit) 10 1/3 11 1/3 12 1/3 13 1/3 14 1/3 14 1/3 15 1/3 MATHEMATICS (7 units) 1/3 MATHEMATICS (7 units) 1/3 1/3 MATHEMATICS (7 units)	the following manner.								
1. toreign tanguages (AB, CN, EN GN, SP): 1/3 1/			IU);						
III. Iterature and writing rhetoric (EN, WR, RH); 1/3									
No. Instory and international studies (HI, HU, INTL); X philosophy and religion (PY, RE). X philosophy and religion (PY, RE). X physicophy physicophy and religion (PY, RE). X physicophy physicop									
Various phy and religion (Pr, RE). 33 1/3		INTL);							
1/3		lan languaga							
Humanities Elective	5	<u>igir iariyuaye</u>		1/2	MA.	IOR QUALIFYING PROJECT (3/	3 unit)	•	
1/3	Humanities Flective			1/3					1/3
SOCIAL SCIENCE (2/3 unit) ECON, ENV, GOV, PSY, SD, SOC, SS, STS and ID2050 1/3	- 1			1/3					
1/12		/3 unit)		170					1/3
Tolerand Tolerand				1/12			a= 5		
1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/13 1/3	7					rses with the prefix: BB, CH, ES,	GE, or PH		T 4/0
COMPUTER SCIENCE (2/3 unit)				1/12					
39						ADLITED SCIENCE (2/2 unit)			1/3
8		GOV, PSY, SD	, SOC, SS	, STS		WFOTER SCIENCE (2/3 utilit)			1/2
BUSINESS (4/3 unit)		1							
THE INTERACTIVE QUALIFYING PROJECT (1 unit) 10 11 11 12 13 14 14 15 15 16 MATHEMATICS (7 units) Business courses must be chosen from courses with any of the following prefixes: ACC, BUS, or FIN. BUS 2060, BUS 2070, and FIN 2260 are recommended. 41 42 43 44 44 44 45 ADDITIONAL COURSES OR INDEPENDENT STUDIES (1/3 units) Additional courses or independent studies (except AS, MS, PE courses, and other degree requirements) from any area. 45 Business courses must be chosen from courses with any of the following prefixes: ACC, BUS, or FIN. BUS 2060, BUS 2070, and FIN 2260 are recommended. 41 42 43 44 44 44 45 ADDITIONAL COURSES OR INDEPENDENT STUDIES (1/3 units) Additional courses or independent studies (except AS, MS, PE courses, and other degree requirements) from any area.						SINESS (4/3 unit)			1/3
10		OT (1!t)		1/3			m courses with anv	of the follow	wina
11		or (i unit)		1.10					
12									
FREE ELECTIVES (1 unit) 13									1/3
13				1/3					
14		1		1/2					
Additional courses or independent studies (except AS, MS, PE courses, and other degree requirements) from any area. MATHEMATICS (7 units) Additional courses or independent studies (except AS, MS, PE courses, and other degree requirements) from any area.						NITIONIAL COLIDORS OF THE	ENDENT OF THE	2 (4 (2 : : :	
other degree requirements) from any area. MATHEMATICS (7 units) 45 1/3			_						
MATHEMATICS (7 units) 45 1/3	[10]			1/3				5, PE COURS	es, and
	MATHEMATICS (7 units)					r degree requirements) from any	aiea.		1/2
		wards Society	of Actuari	es		TIARIAI SEMINAR (O units)			1/3

exams only if the material was not previously covered in a WPI course. May not include both MA 2631 and MA 2621.

TRANSITION COURSES (2/3 unit)
Must include two of the following: MA 2073, 2271, 2273, 2431, 2631, or their equivalents

16		1/3
17		1/3

18	MA 3831	1/3
19	MA 3832	1/3
20	MA 3257 or MA 3457	1/3
21	MA 3631or MA 4632	1/3

Course	Term	Grade	Units
22			1/3
23			1/3
24			1/3
INTRODUCTORY AND OTHER MATH CO	OURSES (9/3 un	its)	
25			1/3
26			1/3
27			1/3
28			1/3
29			1/3
30			1/3
31			1/3
32			1/3
33			1/3
MAJOR QUALIFYING PROJECT (3/3 unit)		
34			1/3
35			1/3
36			1/3
BASIC SCIENCE (2/3 units)			
Courses with the prefix: BB, CH, ES, GE, c	r PH		
37			1/3
38			1/3
COMPUTER SCIENCE (2/3 unit)			
39			1/3
40			1/3

41		1/3
42		1/3
43		1/3
44		1/3

45				1/3

The actuarial seminar is a graduation requirement. Students must complete this seminar in at least four terms while at WPI. Please consult with the actuarial faculty for more details about this requirement.

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	0/3
	0/3
	0/3
	0/3

Students interested in pursuing a degree in Actuarial Mathematics should contact Professor Abraham, the Coordinator of the Actuarial Mathematics Program, as soon as possible.