

IUPUI Degree Map

Major: Mathematics – Purdue University Bachelor of Science (Actuarial Science Concentration)
Catalog Year: 2014-2016

First Year							
Fall Semester				Spring Semester			
Description	Course	Credits	Minimum Grade	Description	Course	Credits	Minimum Grade
Major GE Analytical/Math	MATH 16500	4	C	Major	MATH 16600	4	C
Major	MATH 17100	3	C	Major	MATH 37300	3	C
SoS Comm GE Core Comm	ENG-W131	3	C	SoS Comm GE Core Comm	COMM-R110	3	
WLAC GE Cultural Understanding	ASL, Arabic, Chinese, FREN, GER, ITAL, Japanese, Latin, SPAN	4		SoS Phys/Biol Sci GE Life/Phys Sci	Choose from approved list	3	
SoS First Yr Seminar	SCI-I120	1		WLAC	ASL, Arabic, Chinese, FREN, GER, ITAL, Japanese, Latin, SPAN	4	
Total Credits	15			Total Credits	17		
Cumulative Total	15			Cumulative Total	32		
Second Year							
Fall Semester				Spring Semester			
Description	Course	Credits	Minimum Grade	Description	Course	Credits	Minimum Grade
Major	MATH 26100	4	C	Major	MATH 35100	3	C
Major	STAT 35000	3	C	Major	MATH 26600	3	C
SoS Comm	2 nd Written Comm	3	C	Major	ECON-E202	3	
Major	ECON-S201	3		SoS Phys/Biol Sci GE Life/Phys Sci	PHYS 15200	4	
Major	BUS-A200	3		GE Arts & Hum/SS	Choose from approved list	3	
Total Credits	16			Total Credits	16		
Cumulative Total	48			Cumulative Total	64		

Third Year							
Fall Semester				Spring Semester			
Description	Course	Credits	Minimum Grade	Description	Course	Credits	Minimum Grade
Major	STAT 41600	3	C	Major	STAT 37100	2	C
Major	ECON-E305	3		Major	STAT 41700	3	C
Major	BUS-F300	3		Major	BUS-F305	3	
SoS Computer Prog GE Analytical Reasoning	CSCI 23000	4	C	GE Arts & Hum/SS	Choose from approved list	3	
GE Arts & Hum/SS	Choose from approved list	3		SoS Phys/Biol Sci	Choose from approved list	3	
Total Credits	16			Total Credits	14		
Cumulative Total	80			Cumulative Total	94		
Fourth Year							
Fall Semester				Spring Semester			
Description	Course	Credits	Minimum Grade	Description	Course	Credits	Minimum Grade
Major	STAT 47200	3	C	Major	STAT 47300	3	C
Major	ECON-E322	3		Major	MATH 49200	3	C
				SoS Phys/Biol Sci	Choose from approved list	3	
Major	MATH 42100 or 42300	3	C	Major	ECON-E321	3	
SoS	STAT 51200	3	C	SoS	Free Elective	1	
SoS	Free Elective	1		Candidate for Graduation	CAND 99100	0	
Total Credits	13			Total Credits	13		
Cumulative Total	107			Cumulative Total	120		

- **Critical Courses are printed in bold font.** Critical courses are required within the first two years of a degree program and are expected to be taken in the semester designated (or sooner) as they either serve as an important prerequisite or provide foundational knowledge for the degree program.
- It is suggested that actuarial science majors take MATH 26100 immediately following MATH 16600 and 17100 (summer is an option) to be eligible to take STAT 41600 in the fall of their **sophomore** year to prepare for Exam P/1
- This plan is based upon the expectation that students will complete an average of 30 credits hours of course work per year. Enrollment in summer terms may be necessary to ensure on-time graduation.
- A minimum of 120 credits required.
- Overall 2.0 GPA required.
 - For details about minimum grade requirements, consult advisor.
- 32 hours at the 300+ level completed at IUPUI required.
- Maximum 6 hours of clinical, athletic, visual or performing arts.
- Minimum grades are listed for select courses. However, please note that a minimum overall GPA of 2.0 and a minimum major GPA of 2.5 are expected despite minimal grade requirements.

Key to Abbreviations

GE – General Education Common Core Requirement
SoS – Baccalaureate Requirement
Major – Program Requirement
WLAC – World Languages and Cultures
Hum – Humanities

Comm - Communication
Phys - Physical
Sci - Science
Biol – Biological
SS – Social Sciences