

IUPUI Degree Map

Major: Mathematics – Purdue University Bachelor of Science (Applied Statistics Concentration)

Catalog Year: 2014-2016

First Year							
Fall Semester				Spring Semester			
Description	Course	Credits	Minimum Grade	Description	Course	Credits	Minimum Grade
Major GE College Math	MATH 16500	4	C	Major	MATH 16600	4	C
Major	MATH 17100	3	C	SoS Comp Prog GE Analytical Reasoning	CSCI 23000	4	C
SoS Communication GE Comm. Core	ENG-W131	3	C	SoS Communication GE Comm. Core	COMM-R110	3	
SoS GE Cultural Understanding	ASL, Arabic, Chinese, FREN, GER, ITAL, Japanese, Latin, SPAN	4		SoS	ASL, Arabic, Chinese, FREN, GER, ITAL, Japanese, Latin, SPAN	4	
SoS First Year Sem	SCI-I120	1					
Total Credits	15			Total Credits	15		
Cumulative Total	15			Cumulative Total	30		
Second Year							
Fall Semester				Spring Semester			
Description	Course	Credits	Minimum Grade	Description	Course	Credits	Minimum Grade
Major	MATH 26100	4	C	Major	MATH 26600	3	C
Major	STAT 35000 or 51100	3	C	Major	MATH 35100	3	C
SoS Communication	2 nd Written Comm.	3	C	SoS Phys / Biol Sci GE Life / Physical Sci	PHYS 15200	4	C
SoS Phys / Biol Sci GE Life / Physical Sci	Elective	3		GE Arts & Hum/SS	Choose from approved list	3	
Minor	Course in minor	3		Minor	Course in minor	3	
Total Credits	16			Total Credits	16		
Cumulative Total	46			Cumulative Total	62		

Third Year							
Fall Semester				Spring Semester			
Description	Course	Credits	Minimum Grade	Description	Course	Credits	Minimum Grade
Major	MATH 41400	3	C	Major	STAT 41700	3	C
Major	STAT 41600	3	C	GE Arts & Hum/SS	Elective	3	
GE Arts & Hum/SS	Elective	3		SoS Phys / Biol Sci	Elective	3	
Minor	Course in minor	3		Minor	Course in minor	3	
SoS	Free Electives	3		SoS	Free Electives	3	
Total Credits	15			Total Credits	15		
Cumulative Total	77			Cumulative Total	92		
Fourth Year							
Fall Semester				Spring Semester			
Description	Course	Credits	Minimum Grade	Description	Course	Credits	Minimum Grade
Major	STAT elective	3	C	Major	STAT 42100	3	C
Major	MATH 42100	3	C	Major	MATH 49200	2	C
				SoS Phys / Biol Sci	Elective	3	
SoS	STAT 51200	3	C	SoS	Free Electives	5	
Minor	Course in minor	3		Candidate for Graduation	CAND 99100	0	
Minor	Course in minor or 300-level elective if minor already complete	3					
Total Credits	15			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.
- 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