LOGIC AND REASONING MINOR

Minor Requirements

The requirement for a minor in logic and reasoning is 18-19 credits: 12-13 credit hours from a set of core courses and six credit hours from electives.

Code	Title	Credits
Required Logic Courses		
PHIL 250	Introduction to Symbolic Logic	3
PHIL 310	Symbolic Logic	3
or PHIL 326	Introduction to Non-Standard Logics	
Subtotal		6
Mathematics Requirements		
Choose one of the following pairs of courses:		6-7
MATH 235	Calculus I [C3QR]	
MATH 245	Discrete Mathematics	
or		
MATH/CS 227	Discrete Structures I	
CS 327	Discrete Structures II	
Subtotal		6-7
Electives		
Choose two of the following:		6
CS 444	Artificial Intelligence	
MATH 424	Statistical Decision Theory	
PHIL 310	Symbolic Logic [1]	
PHIL 315	Logic and Legal Reasoning	
PHIL 320	Inductive Logic	
PHIL 326	Introduction to Non-Standard Logics [1]	
PHIL 396	Philosophy of Physics	
PHIL 397	Philosophy of Space and Time	
PHIL 398	Philosophy of Quantum Theory	
PHIL 410	Philosophy of Science	
Subtotal		6
Total Credits		**18-19**

[1] If taken as a required logic course, this course cannot also count as an elective.