

PRACTICAL AI, MINOR IN

The minor in Practical AI provides an overview of artificial intelligence and its applications across a variety of disciplines and fields. It is meant to be applicable -and accessible- to all majors at VCU. When combined with the appropriate major, the minor can be useful to students in understanding and applying AI ethically in their chosen field and careers.

The minor consists of 18 credit hours. Students must achieve an overall GPA of 2.0 in all courses counted toward the minor.

Course	Title	Hours
Required courses		
CMSC 225 or MATH 170	Essentials of Artificial Intelligence The Language of Artificial Intelligence	3
PHIL 202	Ethics of Artificial Intelligence	3
IDST 370	Practical AI Synthesis	3
Electives		
Choose nine credits from at least two of the following categories (at least six credits must be 300 level or higher).		9
STEM		
CMSC 225 or MATH 170	Essentials of Artificial Intelligence The Language of Artificial Intelligence	
ENGR 125	Practical Artificial Intelligence	
MATH 370	Mathematical Foundations for Artificial Intelligence	
Humanities and social sciences		
HUMS 392	Topics in Practical AI	
MASC 311	AI in Mass Media	
PHIL 332	Philosophy of Artificial Intelligence	
STAT 421	Statistical Computing for Machine Learning and Artificial Intelligence	
Business and administration		
BUSN 320	AI in Business	
INFO 292	Data Preparation for AI	
INFO 320	Artificial Intelligence for Business Intelligence	
INFO 452	AI Services for Business	
INFO 462	Design of AI Systems	
Total Hours		18

CMSC 225 or MATH 170 and PHIL 202 should be completed at the beginning of the minor, while IDST 370 should be completed at the end.

Students may choose CMSC 225 or MATH 170 as an elective if they do not take it as a required course.

In some of the minor categories, a student may substitute an internship, co-op, undergraduate research, study abroad or vertically integrated project for the required three credits with the approval of the interdisciplinary studies program director. Additional special topics or new courses may be substituted if appropriate. Students should discuss such substitutions with the interdisciplinary studies program director prior to enrolling in the substitute course.

Some courses have restrictions and/or prerequisites. Students should work with their adviser to plan the best courses for them, including possible overrides.