

Computer Science Coursework

OSU

100/200 SERIES CLASSES REQUIRED FOR PRO SCHOOL

OSU Course #	Generic Description
CS 160	Computer Science Orientation
CS 161	Introduction to Computer Science, I
CS 162	Introduction to Computer Science, II
CS 261	Data Structures
CS 275	Introduction to Databases
MTH 231	Elements of Discrete Math, I
MTH 232	Elements of Discrete Math, II
MTH 251	Differential Calculus
MTH 252	Integral Calculus
COMM 111/114	Speech
WR 121	English Composition

ADDITIONAL OPTION-DEPENDENT CLASSES REQUIRED FOR PRO SCHOOL

Computer Systems Option

ECE 271	Digital Logic Design
MTH 254	Vector Calculus
MTH 306	Matrix and Power Series Methods
PH 211/221	General Physics / Recitation

Information Systems Option

CS 271	Computer Architecture and Assembly Language
ECON 201	Introduction to Microeconomics
WR 214/222	Writing in Business / English Composition

Applied Option

CS 271	Computer Architecture and Assembly Language
WR 214/222	Writing in Business / English Composition

300/400 SERIES CLASSES REQUIRED FOR FIRST MECOP INTERNSHIP

CS 311	Operating Systems I
CS 361	Software Engineering I
CS 362	Software Engineering II
ECE 375	Computer Organization & Assembly Language Programming (Note: CS271 covers this requirement for the Information Systems and Applied options.)
ENGR 407	MECOP Engineering Seminar

300/400 SERIES CLASSES REQUIRED FOR SECOND MECOP INTERNSHIP

CS 411	Operating Systems II
ENGR 407	MECOP Engineering Seminar

Note: Additional courses are required and must be taken at the appropriate times to ensure a timely graduation. Each MECOP student is required to develop an individualized course plan of study until graduation.