

For admissions requirements and important dates/deadlines, please visit www.kennesaw.edu/admissions/graduate/

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Computer Science Concentration

Students interested in pursuing a concentration in Computer Science must take at least 15 credit hours in CS courses at 8000 or 9000 levels (except CS 9900).

Course Number/Title	Prerequisite	Credits	✓
CS 8025: Advanced Operating Systems	Admission to Program	3	
CS 8027: Advanced Networking & Architecture	Admission to Program	3	
CS 8041: Advanced Theory of Computation	Admission to Program	3	
CS 8045: Advanced Design and Analysis of Algorithms	Admission to Program	3	
CS 8050: Principles of Software Design & Programming Languages	Admission to Program	3	
CS 8125: Advanced Cloud Computing	Admission to program	3	
CS 8172: Advanced Parallel and Distributed Computing	CS 8025 (may take concurrent)	3	
CS 8253: Advanced Graph Algorithms	CS 8045 (may take concurrent)	3	
CS 8260: Advanced Database Systems and Applications	Admission to program	3	
CS 8263: Advanced Information Retrieval	CS 8045 (may take concurrent)	3	
CS 8265: Advanced Big Data Analytics	Admission to program	3	
CS 8267: Advanced Machine Learning	Admission to program	3	
CS 8347: Advanced Natural Language Processing	CS 8041 (may take concurrent)	3	
CS 8357: Advanced Neural Networks and Deep Learning	CS 8045 (may take concurrent)	3	
CS 8367: Advanced Computer Vision	CS 8045 (may take concurrent)	3	
CS 8375: Advanced Artificial Intelligence	CS 8045 (may take concurrent)	3	
CS 8540: Advanced Network Security	CS 8027 (may take concurrent)	3	
CS 8545: Advanced AI for Security and Privacy	CS 8045 (may take concurrent)	3	
CS 8990: Advanced Special Topics in Computer Science	Depends on topic	3	
CS 8992: Advanced Directed Studies	Admission to program	1-3	
CS 8998: Advanced Research in Computer Science	Varies	1-3	

Statistics Concentration

Students interested in pursuing a concentration in Statistics must take at least 15 credit hours in STAT courses at 8000 or 9000 levels.

Course Number/Title	Prerequisite	Credits	✓
STAT 8220: Time Series Forecasting	STAT 7020 & STAT 7210	3	
STAT 8235: Advanced Longitudinal Data Analysis	STAT 8250 or Permission of Dir.	3	
STAT 8320: Applied Multivariate Data Analysis	STAT 7220 & STAT 7210	3	
STAT 8330: Applied Binary Classification	STAT 7210	3	
STAT 8350: Structural Equation Modeling	Admission to Program	3	
STAT 8450: Multilevel Statistical Modeling	Admission to Program	3	

mHealth Concentration

Students interested in pursuing a concentration in mHealth must complete the following courses.

Course Number/Title	Prerequisite	Credits	✓
HHS 8000: Introduction to mHealth	None	3	
HHS 8010: Ethical Issues in mHealth, Healthcare, & HSR	None	3	
STAT 8235: Advanced Longitudinal Data Analysis	STAT 8250 or Permission of Dir.	3	
HHS 8050: Advanced Research in mHealth	HHS 8020 or HHS 8030	3	
HHS 8020: mHealth Applications Or HHS 8030: Advanced Special Topics in mHealth	Admission to Program	3	