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Department of Computer Science, University of Central Arkansas 2/21/20 revised

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CSCI 1470	Computer Science I	MATH 1390
CSCI 1480	Computer Science II	CSCI 1470
CSCI 2320	Data Structures	CSCI 1480
CSCI 2335	Networking	CSCI 1480
CSCI 3330	Algorithms	CSCI 2320, 2330
CSCI 3360	~ Database Syst.	CSCI 2320
CSCI 3370	Programming Lang.	CSCI 2320
CSCI 3380	Computer Arch.	CSCI 2320
CSCI 3381	OO Software Dev.	CSCI 2320
CSCI 4300	Operating Systems	Upper level status, CSCI 3330
CSCI 4315	~ Info. Sec.	CSCI 2320
CSCI 4321	~ Ethical Impl.	45+ credits
CSCI 4490	~ Software Eng.	CSCI 3381

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MATH 1491 or MATH 1496	Applied Calculus or Calculus I	MATH 1390 MATH 1390, MATH 1392/1580
MATH 2311	Elementary Statistics	MATH 1360/1390
MATH 3320	~ Linear Algebra	MATH 1497/ CSCI 2330

Code	Title	Prerequisites
CSCI 2340	Assembly Lang.	CSCI 1480
CSCI 3V75	Internship	Instr. Consent
CSCI 3345	Hum.-Comp. Inter.	CSCI 2320
CSCI 3382	Multi-Core Prog.	Upper level status
CSCI 3385	Artificial Intell.	CSCI 3330
CSCI 4V95	Independent Study	Instr. Consent
CSCI 4305	Linux/UNIX Syst.	CSCI 2320
CSCI 4340	Parallel Computing	CSCI 3330
CSCI 4350	Computer Graphics	CSCI 2320, MATH 3320
CSCI 4352	Game Prog.	CSCI 3330
CSCI 4353	Multimedia	CSCI 2320
CSCI 4357	Mobile Prog.	CSCI 3381
CSCI 4360	Special Topics	Upper level status
CSCI 4365	Web Technology	CSCI 3330
CSCI 4370	Data Mining	CSCI 3360
CSCI 4371	Machine Learning	CSCI 3330
CSCI 4372	Data Clustering	CSCI 3330
EN R OSEC course ń	Any upper level	

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´íX Prerequisites columns: “A,B” means “A and B”; “A/B” means “A or B”.

2. Students who do (v})šopt for BIOL sequence must take , D íðìì|W,z^ íðìì|W,z(^ /Ko-ííðìì|) to fulfill life science requirements.
3. UCA Upper-Division Core: ~ Communication, ~ Critical Inquiry, ~ Diversity, ~ Responsible Living, ~ Capstone

For additional information, consult your academic advisor or visit https://bit.ly/2zoTvPb