

	Carnegie Mellon	MIT	Rice University	Stanford University	University of Illinois	Harvard University	Virginia Tech	Colombia University	Rochester Institute of Technology (RIT)	Colorado School of Mines	Purdue University	Georgia Institute of Technology	University of California, Berkeley	Stony Brook University
Requires Java	X	X	X	X	X	X	X	Yes	Yes	X	X	X	X	X
Requires C/C++	Yes	X	Yes	X	X	X	X	X	X	X	X	X	Yes	Yes
Pre-req Linear Algebra	X	Yes	X	X	X	X	Yes	X	X	X	X	Not sure	X	X
Pre-req Computer Architecture	Yes	X	Yes	X	X	Yes	X	X	X	X	X	Not sure	Yes	No (But very highly recommended)
Pre-req Data Structures	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X	Yes	Not sure	Yes	Yes
Homework, percent of grade	40%	40%	95%	none	none	50%	25%	30%	0%	Missing Information	25%	45%	30%	25%
Exams, percent of grade	30%	none	none	20%	20%	15%	25%	40%	36%	Missing Information	50%	None	30%	30%
Final Project, percent of grade	25%	55%	none	50%	50%	25%	45%	30%	64%	Missing Information	25%	50%	40%	40%
Book	Required	Hand-outs	Required	Required	Required	Recommended	Recommended	Hand-outs	Required	Hand-outs	Hand-outs	Hand-outs	Hand-outs	Recommended
Uses OpenMp	Yes	X	Yes	X	X	X	X	X	X	X	Yes	X	X	X
Uses MPI	Yes	Yes	Yes	X	X	Yes	X	X	X	X	Yes	X	X	X
Uses CUDA	X	X	Yes	Yes	Yes	Yes	Yes	X	Yes	X	X	X	Yes	X
Uses MapReduce	X	X	X	X	X	Yes	X	Yes	X	X	X	X	X	Yes
Emphasis on parallel programming	X	X	YES	Yes	Yes	Yes	X	Yes	Yes	X	Yes	Yes	X	Yes
GPU	Yes	X	Yes	Yes	Yes	Yes	YES	X	Yes	X	X	X	X	Yes
Cloud Computing	Yes	X	X	X	X	Yes	X	X	X	X	X	X	X	X
Linear Algebra	X	YES	X	X	X	X	X	X	X	Yes	Yes	X	Yes	X
Multi-core Processor	Yes	X	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X	Yes	X	Yes	Yes