

# Graduate Course Offerings - 2008-2009

**(Offerings subject to change, updated September 17, 2008)**

Questions concerning information found on this page may be directed to Patricia Raczka at [raczka@cs.ucsd.edu](mailto:raczka@cs.ucsd.edu) or call 858/534-3621.

The policy of the CSE department is to offer a fixed schedule each year. The department, however, *cannot* guarantee that this schedule will not change. The department promptly informs students of any changes to the schedule. Students are encouraged to inform the department of any inconveniences proposed changes may cause.

Each entry of the following table gives the names of the instructors (Staff means that an instructor has not yet been assigned).

- CSE Undergraduate Course Offerings.
- [ECE Schedule of Planned Courses.](#)
- [UCSD Tritonlink- Schedule of Classes and enrollment process](#)
- [UCSD Summer Session Class Listings and enrollment process](#)
- [UCSD Concurrent Enrollment for non-UCSD students](#)

[UCSD Enrollment and Registration Dates](#)

Course #	Title	Fall 2008	Winter 2009	Spring 2009
CSE 200	Computability & Complexity	Micciancio	-	Staff
CSE 201A	Advanced Complexity	-	-	-
CSE 202	Algorithms and Analysis	Graham	Paturi	-
CSE 203A	Advanced Algorithms	-	-	-
CSE 204A	Combinatorial optimization	-	-	-
CSE 205A	Logic in Computer Science	-	-	-
CSE 206A	Lattice Algorithms and Applications	-	-	-
CSE 206B	Algorithms in Computational Biology(Will be 280A)	-	-	-
CSE 207	Modern Cryptography	Bellare	-	-
CSE 208	Advanced Cryptography	-	-	Bellare
CSE 208A	Advanced Cryptography	-	-	-
CSE 209A	Top/Sem: Alg,Complexity & Logic	Micciancio	-	-

<b>CSE 209B</b>	Top/Sem: Cryptography	-	-	-
<b>CSE 210</b>	Principles of Software Engineering	-	-	Griswold
<b>CSE 211</b>	Software Testing & Analysis	-	-	-
<b>CSE 218</b>	Adv Topics: Software Engineering	Griswold	Krueger	Krueger
<b>CSE 221</b>	Operating Systems	Snoeren	Voelker	-
<b>CSE 222A</b>	Computer Communication Networks	-	-	Vahdat
<b>CSE 222B</b>	Internet Algorithmics	-	Varghese	-
<b>CSE 223A</b>	Principles of Distributed Systems	-	Marzullo	-
<b>CSE 223B</b>	Dist. Computing and Systems	-	-	Snoeren
<b>CSE 224</b>	Computer System Performance Evaluation	-	-	-
<b>CSE 225</b>	High Perf Dist Comptg & Grids	-	-	-
<b>CSE 226</b>	Storage Systems	-	-	-
<b>CSE 227</b>	Computer Security	-	Shacham	-
<b>CSE 228</b>	Multimedia Systems	-	-	-
<b>CSE 229A</b>	Top/Sem: Systems Sem. Lunch	Savage	Vahdat	Snoeren
<b>CSE 229B</b>	Top/Sem: Networks & Communication	-	-	-
<b>CSE 229C</b>	Top/Sem: Computer Security	-	-	-
<b>CSE 230</b>	Principles Programming Languages	-	-	Jhala
<b>CSE 231</b>	Advanced Compiler Design	Lerner	-	-
<b>CSE 232</b>	Principles of Data Base Systems	-	Papakonstantinou	-
<b>CSE 232B</b>	Database System Implementation	-	Deutsch	-
<b>CSE 233</b>	Database Theory	-	-	Vianu
<b>CSE 237A</b>	Intro to Embedded	Rosing	Rosing	-

	Computing			
<b>CSE 237B</b>	Software for Embedded Computing	Gupta	-	-
<b>CSE 237C</b>	Validation/Testing of Embedded Sys	-	-	Gupta
<b>CSE 237D</b>	Desgn Automation & Prototyping for Embedded Sys	-	-	Kastner
<b>CSE 238</b>	Topics Prog Lang Design & Implem	-	-	Jhala
<b>CSE 239A</b>	Topics/Seminar in Database	Yannis P.	Vianu	Yannis P.
<b>CSE 240A</b>	Principles of Computer Architecture	Orailoglu	Taylor	-
<b>CSE 240B</b>	Advanced Computer Architecture	-	Swanson	-
<b>CSE 240C</b>	Advanced Microarchitecture	-	Tullsen	-
<b>CSE 241A</b>	VLSI Integration of Computing Circuitry, XL ECE 260B	-	Kahng	-
<b>CSE 242A</b>	Integrated Circuit Layout Automation	-	Cheng	-
<b>CSE 243</b>	Synthesis Methodologies in VLSI CAD	-	Orailoglu	-
<b>CSE 244A</b>	VLSI Test	-	-	-
<b>CSE 244B</b>	Testable & Fault-Tolerant Hardware Des	-	-	-
<b>CSE 245</b>	Comp Aided Circuit Simulation & Verif	-	-	-
<b>CSE 246</b>	Comp Arithmetic Algs & Hardware Des	-	-	-
<b>CSE 247</b>	Applic Specific & Reconfig Comp Arch	Kastner	-	-
<b>CSE 248</b>	Alg & Optimization Found VLSI CAD	-	-	-
<b>CSE 249A</b>	Top/Sem: Computer	Swanson	-	-

	Architecture			
<b>CSE 249B</b>	Top/Sem: VLSI	-	-	-
<b>CSE 249C</b>	Top/Sem: CAD	-	Cheng	-
<b>CSE 250A</b>	Artificial Intelligence I	Saul	-	-
<b>CSE 250B</b>	Artificial Intelligence II	Elkan	-	-
<b>CSE 252A</b>	Computer Vision	-	-	-
<b>CSE 252B</b>	Computer Vision II	-	-	Belongie
<b>CSE 252C</b>	Selected Topics in Vision & Learning	-	-	-
<b>CSE 253</b>	Neural Networks	-	-	-
<b>CSE 254</b>	Machine Learning	-	Freund	Elkan
<b>CSE 256</b>	Statistical Natural Lang Proc (XL LING 256)	-	Levy	-
<b>CSE 257</b>	Computational Biology	-	-	-
<b>CSE 257A</b>	Biomolecular Seq & Structure Analy(XL BENG 202) (Poss 282?)	-	-	-
<b>CSE 258A</b>	Connectionists Natural Language	Cottrell	-	-
<b>CSE 259</b>	Topics/Seminar Artificial Intellgnce	Elkan	Staff	Staff
<b>CSE 259C</b>	Topics/Seminar Artificial Intellgnce	-	-	-
<b>CSE 260</b>	Parallel Computation	Baden	-	-
<b>CSE 261</b>	Parallel & Distributed Computation	-	-	-
<b>CSE 262</b>	Sys Supp Appl Par Computing	-	-	Baden
<b>CSE 268A</b>	Topics in Parallel Computing	-	-	-
<b>CSE 268C</b>	Topics High-Performance Prog	-	-	-
<b>CSE 268D</b>	Social Aspects Tech & Sci	-	-	-
<b>CSE 269</b>	Seminar Parallel Computing	-	-	-
<b>CSE 270</b>	Statistics & Prob Manufacturing	-	-	-
<b>CSE 271</b>	User Infrface Des: Soc	-	-	-

	and Tech Issues			
<b>CSE 272</b>	Adv. Appearance Modeling. AKA Adv. Image Synthesis	Jensen	-	-
<b>CSE 275</b>	Social Aspects Tech. & Science	-	-	-
<b>CSE 279A</b>	Topics/Seminar in Graphics, Vision	-	-	-
<b>CSE 280A</b>	Alg and Computational Biol(Was CSE 206B)	-	Bafna	-
<b>CSE 280B</b>	Seminar in CSE: Reseach Proj computational Biology	-	-	-
<b>CSE 282</b>	Seq Structures Analysis-Methods Applic (XL BENG 202)	-	Pevzner	-
<b>CSE 283</b>	Functional Genomics (XL BENG 203)	-	-	Bafna
<b>CSE 290</b>	CSE Seminar: Bioinformatics	Bafna	Pevzner	Bafna
<b>CSE 291</b>	Topics in CSE:	Savage	-	-
<b>CSE 291</b>	Topics in CSE: Machine Perception	-	-	Freund
<b>CSE 291</b>	Topics in CSE: Automated Theorem Proving	-	Saul	Saul
<b>CSE 291</b>	Topics in CSE: Prog. Lang. Design and Implemen	-	-	Lerner
<b>CSE 292</b>	Faculty Research Sem: Frontiers in CSE	Kastner	Kastner	-
<b>CSE 294</b>	Research Mtg: System and Networking Sem.	Voelker	Voelker	Savage
<b>CSE 294</b>	Research Mtg: Reliable Sys. Synthesis	Orailogu	Orailogu	Orailogu
<b>CSE 294</b>	Research Mtg: Largescale Sys Sem.	Baden	Staff	Staff
<b>CSE 294</b>	Research Mtg: Software and Systems	Krueger	Krueger	Krueger

	Engineering			
<b>CSE 599</b>	Teaching Methods in CSE	Simon	-	-